Q. 1 **Directions:** In the following question, which one set of letters, when sequentially placed at the gaps in the given letter series, will complete it?
MN_O_NM_M_NO

Option 1:
NMMN

Option 2:
NMON

Option 3:
MONOO

Option 4:
MMMM

Correct Answer:
NMON

Solution:
Given:
MN_O_NM_M_NO

Divide the series into three parts→MN_O / _NM_ / M_NO
Now, check the order of the letters in the given series→MNNO / MNMO / MNNO

(The third letter of each part is either N or M alternately and the rest of the letters are the same.)

The series becomes→MNNOMNMOMNNO. Hence, the **second option** is correct.

Q. 2 **Directions:** In the following question, which one set of letters, when sequentially placed at the gaps in the given letter series, will complete it?
_ yzaa _ y _ xy _ aazy _

Option 1:
xxzzx

Option 2:
xxaza

Option 3:
xzxzx

Option 4:
aazzx

Correct Answer:
xzxzx

Solution:

Given:

_ yzaa _ y _ xy _ aazy _

First, divide the series before filling it→_ yz/ aa/ _ y _/ xy _/ aa/ zy _
Now, check the order of the letters in the given series→xyz
/ aa / zyx / xyz / aa / zyx (xyzaazyx is repeated in the series.)

The series becomes→xyzaazyxxyzaazyx. Hence, the **third option** is correct.

Q. 3 **Directions:** In the following question, which one set of letters, when sequentially placed at the gaps in the given letter series, will complete it?
a_bc_a_bcdabc_da_cd_

Option 1:
acbddb

Option 2:
adbcbd

Option 3:
cabddc

Option 4:
ddcbbc

Correct Answer:
adbcbd

Solution:
Given:
a_bc_a_bcdabc_da_cd_

First, divide the series before filling it→a_ / bc_a / _b / cdab / c_ / da_c / d_
Now, check the order of the letters in the given series→aa / bcda / bb / cdab / cc / dabc / dd
(In every alternate part, starting from the first, the letters appear twice in sequential order; starting from the second, the letters are being shuffled i.e. the second letter moves to the first position followed by the third and the fourth letters, and the first letter shifts to the fourth position.)

The series becomes→aabcdabbcdabccdabcdd. Hence, the **second option** is correct.

Q. 4 **Directions:** In the following question, which one set of letters, when sequentially placed at the gaps in the given letter series, will complete it?
lm_o_nm_l_n_ _nml

Option 1:
molnon

Option 2:
nolmoo

Option 3:
nomloo

Option 4:
noolmm

Correct Answer:
nolmoo

Solution:
Given:

lm_o_nm_l_n_ _nml

First, divide the series before filling it→lm_o **/** _nm_ **/** l_n_ **/** _nml
Now, check the order of the letters in the given series→lmno / onml / lmno / onml (lmnoonml is repeated in the series.)

The series becomes→lmnoonmllmnoonml. Hence,
the **second option** is correct.

Q. 5 **Directions:** In the following question, which one set of letters, when sequentially placed at the gaps in the given letter series, will complete it?
efg_ _eff_ghhe_eff_gggh_h

Option 1:
eghhfe

Option 2:
ghhhh

Option 3:
hegefh

Option 4:
hgefhe

Correct Answer:
hegefh

Solution:
Given:

efg_ _eff_ghhe_eff_gggh_h

First, divide the series before filling it→efg_ **/** _eff_ghh **/** e_eff_gggh_h
Now, check the order of the letters in the given series→efgh / eeffgghh / eeefffgggh<u>h</u>h (The count of letters increases by 1 in each part.)

The series becomes→efgheeffgghheeefffgggh<u>h</u>h. Hence, the **third option** is correct.

Q. 6 **Directions:** In the following question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
_bcab_abc_b_

Option 1:
acac

Option 2:
bbca

Option 3:
caca

Option 4:
aacc

Correct Answer:
acac

Solution:
Given:
_bcab_abc_b_

First, divide the series before filling it→_bc / ab_ / abc / _b_
Now, check the order of the letters in the given series→abc / abc / abc / abc (abc is repeated in the series.)

The series becomes→abcabcabcabc. Hence, the **first option** is correct.

Q. 7 **Directions:** In the following question, which set of letters, when sequentially placed in the gaps in the given letter series, shall complete it?
JK_MJ_LM_KL_

Option 1:
JKLL

Option 2:
LKKM

Option 3:
LKJM

Option 4:
KJLM

Correct Answer:
LKJM

Solution:
Given:
JK_MJ_LM_KL_

To fill in the blanks, divide the series into clusters of 4 letters –
JK_M / J_LM / _KL_
Let's check each option –
First option: JKLL; JKJM / JKLM / LKLL (No repeated pattern found.)
Second option: LKKM; JKLM / JKLM / KKLM (No repeated pattern found.)
Third option: LKJM; JKLM / JKLM / JKLM (JKLM is repeated in the series.)
Fourth option: KJLM; JKKM / JJLM / LKLM (No repeated pattern found.)

So, the series becomes→JKLMJKLMJKLM. Hence, the **third option** is correct.

Q. 8 **Directions:** Which set of letters, when sequentially placed in the gaps in the given letter series, shall complete it?
CD_E_DD_CD_E

Option 1:
CDCD

Option 2:
DCCC

Option 3:
DCED

Option 4:
DDDC

Correct Answer:
DCED

Solution:
Given:
CD_E_DD_CD_E

To fill in the blanks, divide the series into clusters of 4 letters – CD_E / _DD_ / CD_E
Let's check each option –
First option: CDCD; CDCE / DDDC / CCDE (No repeated pattern found.)
Second option: DCCC; CDDE / CDDC / CCCE (No repeated pattern found.)
Third option: DCED; CDDE / CDDE / CDDE (CDDE is repeated in the series.)
Fourth option: DDDC; CDDE / DDDD / CDCE (No repeated pattern found.)

So, the series becomes→CDDECDDECDDE. Hence, the **third option** is correct.

Q. 9 **Directions:** Which set of letters, when sequentially placed in the gaps in the given letter series, shall complete it?
r_p_q_rq_p_r

Option 1:
qrprp

Option 2:
pqrqp

Option 3:
qprpq

Option 4:
qprpp

Correct Answer:
qprpq

Solution:
Given:
r_p_q_rq_p_r

To fill in the blanks, divide the series into clusters of 3 letters – r_p / _q_ / rq_ / p_r
Let's check each option –

First option: qrprp; rqp / rqp / rqr / ppr (No repeated pattern found.)
Second option: pqrqp; rpp / qqr / rqq / ppr (No repeated pattern found.)
Third option: qprpq; rqp / pqr / rqp / pqr (rqp and pqr are repeated alternately.)
Fourth option: qprpp; rqp / pqr / rqp / ppr (No repeated pattern found.)

So, the series becomes→rqppqrrqppqr. Hence, the **third option** is correct.

Q. 10 **Directions:** Which set of letters when sequentially placed at the gaps in the given letter series shall complete it?
CD_E_DD_CD_E

Option 1:
CDCD

Option 2:
DCCC

Option 3:
DCED

Option 4:
DDDC

Correct Answer:
DCED

Solution:
Given:
CD_E_DD_CD_E

To fill the series we have to divide the series – CD_E / _DD_ / CD_E
Let's check each option –
First option: CDCD; CDCE / DDDC / CDEE (No repeated pattern has been found)
Second option: DCCC; CDDE / CDDC / CDCE (No repeated pattern has been found)
Third option: DCED; CDDE / CDDE / CDDE (CDDE is repeated in the series)
Fourth option: DDDC; CDDE / DDDD / CDCE (No repeated pattern has been found)

So, the series becomes → CDDECDDECDDE. Hence, the **third option** is correct.

Q. 11 **Directions:** In the following question, which set of letters when sequentially placed in the gaps in the given letter series shall complete it?
P_P_RPQ_S_Q_ST

Option 1:
QRQPR

Option 2:
QQRPR

Option 3:
PQPRR

Option 4:
PRQRQ

Correct Answer:
QQRPR

Solution:
Given:
P_P_RPQ_S_Q_ST

Divide the series – P_ / P_R / PQ_S / _Q_ST
Let's check each option –
First option: QRQPR; PQ / PRR / PQQS / PQRST (No repeated pattern found.)
Second option: QQRPR; PQ / PQR / PQRS / PQRST (PQ is repeated in every part of this series and one letter is added at every step.)
Third option: PQPRR; PP / PQR / PQPS / RQRST (No repeated pattern found.)
Fourth option: PRQRQ; PP / PRR / PQQS / RQQST (No repeated pattern found.)

So, the series becomes→PQPQRPQRSPQRST. Hence, the **second option** is correct.

Q. 12 **Directions:** Which set of letters, when sequentially placed in the gaps in the given letter series, shall complete it?
a_b_cc_a_b_c

Option 1:
ababc

Option 2:
aacbb

Option 3:
abcab

Option 4:
abbcc

Correct Answer:
ababc

Solution:
Given:
a_b_cc_a_b_c

To fill in the blanks, divide the series into letter clusters – a_ b_ cc **/** _a _b _c
Let's check each option –
First option: ababc; aabbcc / aabbcc (aabbcc is repeated in the series.)
Second option: aacbb; aabacc / cabbbc (No repeated pattern found.)
Third option: abcab; aabbcc / caabbc (No repeated pattern found.)
Fourth option: abbcc; aabbcc / bacbcc (No repeated pattern found.)

So, the series becomes→aabbccaabbcc. Hence, the **first option** is correct.

Q. 13 **Directions:** In the following question, which set of letters, when sequentially placed in the gaps in the given letter series, will complete it?
X_ZX_YY_ZX_Z

Option 1:
XXYY

Option 2:
YXZY

Option 3:
YYXY

Option 4:
XXXY

Correct Answer:
YXZY

Solution:
Given:
X_ZX_YY_ZX_Z

Divide the series into clusters of letters – X_Z / X _YY_ Z / X_Z
Let's check each option –
First option: XXYY; XXZ / XXYYYZ / XYZ (No repeated pattern found.)
Second option: YXZY; XYZ / XXYYZZ / XYZ (XYZ is repeated in the first and the last parts, and each letter in XYZ occurs twice in the second part.)
Third option: YYXY; XYZ / XYYYXZ / XYZ (No repeated pattern found.)
Fourth option: XXXY; XXZ / XXYYXZ / XYZ (No repeated pattern found.)

So, the series becomes→XYZXXYYZZXYZ. Hence, the **second option** is correct.

Q. 14 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
A, C, E, G, ?

Option 1:
H

Option 2:
I

Option 3:
J

Option 4:
F

Correct Answer:
I

Solution:
Given:
A, C, E, G, ?

Like, A + 2→C; C + 2→E; E + 2→G
Similarly, G + 2→I

I is the missing term of the given series. Hence, the **second option** is correct.

Q. 15 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
CEG, IKM, OQS, ?

Option 1:
UWY

Option 2:
UYX

Option 3:
UVY

Option 4:
TWY

Correct Answer:
UWY

Solution:
Given:
CEG, IKM, OQS, ?

The pattern followed here is –
CEG→C + 2 = E; E + 2 = G; G + 2 = I (first letter of the next term)
IKM→I + 2 = K; K + 2 = M; M + 2 = O (first letter of the next term)

OQS→O + 2 = Q; Q + 2 = S; S + 2 = U (first letter of the next term)
U + 2 = W; W + 2 = Y→UWY

UWY is the missing term of the given series. Hence, the **first option** is correct.

Q. 16 **Directions:** In the following question, a series is given with one term missing. Choose the correct alternative from the ones given that will complete the series.
BT, DR, FP, ?

Option 1:
HO

Option 2:
HN

Option 3:
NH

Option 4:
OH

Correct Answer:
HN

Solution:

Given:
BT, DR, FP, ?

The pattern followed here is –
First letter of the series→B + 2 = D; D + 2 = F; F + 2 = H
Second letter of the series→T – 2 = R; R – 2 = P; P – 2 = N

HN is the missing term of the given series. Hence,
the **second option** is correct.

Q. 17 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
A, E, I, M, ?

Option 1:
P

Option 2:
Q

Option 3:
R

Option 4:
O

Correct Answer:
Q

Solution:
Given:
A, E, I, M, ?

The pattern followed here is –
A + 4 = E; E + 4 = I; I + 4 = M
Similarly, M + 4 = Q

Q is the missing term of the given series. Hence,
the **second option** is correct.

Q. 18 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
A, E, J, N, S, W, ?

Option 1:
Z

Option 2:
A

Option 3:
B

Option 4:
C

Correct Answer:
B

Solution:
Given:
A, E, J, N, S, W, ?

Add 4 and 5 alternatively to the place values of the letters to get the next term.
A + 4 = E; E + 5 = J; J + 4 = N; N + 5 = S; S + 4 = W; W + 5 = B

B is the missing term of the series. Hence, the **third option** is correct.

Q. 19 **Directions:** In the following question, a series is given with one term missing. Choose the correct alternative from the ones given that will complete the series.
XXXOXXX, XXXXOXX, XXOXXXX, XXXXXOX, XOXXXXX, ?

Option 1:
XXXXXXO

Option 2:
OXXXXXXO

Option 3:
XXXOXXX

Option 4:
XXXXXX

Correct Answer:
XXXXXXO

Solution:
Given:
XXXOXXX, XXXXOXX, XXOXXXX, XXXXXOX, XOXXXXX, ?

In the given series, the letter O is alternatively shifting toward the right and left.
XXXOXXX→In the first term, the letter O is in the fourth position.
XXXXOXX→In the second term, the letter O is in the fifth position.
XXOXXXX→In the third term, the letter O is in the third position.
XXXXXOX→In the fourth term, the letter O is in the sixth position.
XOXXXXX→In the fifth term, the letter O is in the second position.
Similarly, the letter O will be in the seventh position in the sixth term→XXXXXXO

XXXXXXO is the required term of the series. Hence,
the **first option** is correct.

Q. 20 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
XXXXXO, XXXXOX, XXXOXX, XXOXXX, XOXXXX, ?

Option 1:
OXXXXX

Option 2:
OXXXXO

Option 3:
OXXXOX

Option 4:
XXXXXX

Correct Answer:
OXXXXX

Solution:
Given:
XXXXXO, XXXXOX, XXXOXX, XXOXXX, XOXXXX, ?

In the given series, the letter O moves one position to the left in each succeeding term.
XXXXXO→In the first term, the letter O is in the sixth position.

XXXXOX→In the second term, the letter O is in the fifth position.
XXXOXX→In the third term, the letter O is in the fourth position.
XXOXXX→In the fourth term, the letter O is in the third position.
XOXXXX→In the fifth term, the letter O is in the second position.
Similarly, the letter O will be in the first position in the sixth term→OXXXXX

OXXXXX is the required term of the series**.** Hence,
the **first option** is correct.

Q. 21 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
VWX, BCD, HIJ, ?

Option 1:
MOQ

Option 2:
NOP

Option 3:
GHI

Option 4:
TUV

Correct Answer:
NOP

Solution:
Given:
VWX, BCD, HIJ, ?

Add 6 to each letter of the given terms to obtain the next term in the series –
First letter of the series→V + 6 = B; B + 6 = H; H + 6 = N
Second letter of the series→W + 6 = C; C + 6 = I; I + 6 = O
Third letter of the series→X + 6 = D; D + 6 = J; J + 6 = P

The missing term is NOP. Hence, the **second option** is correct.

Q. 22 **Directions:** In the following question, a series is given with one pair missing. Choose the correct alternative from the ones given that will complete the series.
MN, PQ, TU, YZ, ?

Option 1:
YZ

Option 2:
AB

Option 3:
EF

Option 4:
EJ

Correct Answer:
EF

Solution:
Given :
MN, PQ, TU, YZ, ?

Add consecutive natural numbers (starting from 3) to the previous term to obtain the next term in the series –
MN→M + 3 = P; N + 3 = Q
PQ→P + 4 = T; Q + 4 = U
TU→T + 5 = Y; U + 5 = Z
YZ→Y + 6 = E; Z + 6 = F

The missing term is EF. Hence, the **third option** is correct.

Q. 23 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
CD, FA, IX, LU, ?

Option 1:
TU

Option 2:
RS

Option 3:
OP

Option 4:
OR

Correct Answer:
OR

Solution:
Given:
CD, FA, IX, LU, ?

Add 3 to the positional value of the first letter and subtract 3 from the positional value of the second letter of the previous terms to get the first and second letters respectively of the next term.
First letter of the series→C + 3 = F; F + 3 = I; I + 3 = L; L + 3 = O
Second letter of the series→D – 3 = A; A – 3 = X; X – 3 = U; U – 3 = R

So, from the above, OR is the required term of the series. Hence, the **fourth option** is correct.

Q. 24 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
RT, ? , ZB, DF

Option 1:
WX

Option 2:
VX

Option 3:
VY

Option 4:
UV

Correct Answer:
VX

Solution:
Given:
RT, ?, ZB, DF

Add 4 to the positional value of each letter of the previous term to get the next term in the series.
First letter of the series→R + 4 = V; V + 4 = Z; Z + 4 = D

Second letter of the series→T + 4 = X; X + 4 = B; B + 4 = F

So, from the above, VX is the required term of the series. Hence, the **second option** is correct.

Q. 25 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
VW, XU, ZS, BQ, ?

Option 1:
OD

Option 2:
DO

Option 3:
EO

Option 4:
FO

Correct Answer:
DO

Solution:
Given:
VW, XU, ZS, BQ, ?

Add 2 to the positional value of the first letter and subtract 2 from the positional value of the second letter of the previous terms to get the first and second letters respectively of the next term.
First letter of the series→V + 2 = X; X + 2 = Z; Z + 2 = B; B + 2 = D
Second letter of the series→W – 2 = U; U – 2 = S; S – 2 = Q; Q – 2 = O

So, from the above, DO is the required term of the series. Hence, the **second option** is correct.

Q. 26 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
AN, DQ, GT, JW, ?

Option 1:
MA

Option 2:
NZ

Option 3:
MZ

Option 4:
LY

Correct Answer:
MZ

Solution:
Given:
AN, DQ, GT, JW, ?

Add 3 to the place value of each letter of the previous term to obtain the next term in the series –
First letter of the series→A + 3 = D; D + 3 = G; G + 3 = J; J + 3 = M
Second letter of the series→N + 3 = Q; Q + 3 = T; T + 3 = W; W + 3 = Z

So, MZ is the missing term in the series. Hence, the **third option** is correct.

Q. 27 **Directions:** A series is given below with two terms missing. Choose the correct alternative from the given ones that will complete the series.
B, C, F, E, J, G, N, I, ? , ?

Option 1:
R, M

Option 2:
R, L

Option 3:
R, K

Option 4:
R, S

Correct Answer:
R, K

Solution:
Given:
B, C, F, E, J, G, N, I, ? , ?

Here, add 4 and 2 to the place value of the alternate letters of the series.
B + 4 = F; F + 4 = J; J + 4 = N; N + 4 = R
C + 2 = E; E + 2 = G; G + 2 = I; I + 2 = K

So, from the above, the required letters of the series are R, and K.
Hence, the **third option** is correct.

Q. 28 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
ELP, HNS, KPV, ?

Option 1:
NRY

Option 2:
UXZ

Option 3:
OXY

Option 4:
SVW

Correct Answer:
NRY

Solution:
Given:
ELP, HNS, KPV, ?

Add 3 to the positional value of the first and third letters and add 2 to the positional value of the second letter of the previous term to get the next term in the series.
First letter of the series→E + 3 = H; H + 3 = K; K + 3 = N
Second letter of the series→L + 2 = N; N + 2 = P; P + 2 = R
Third letter of the series→P + 3 = S; S + 3 = V; V + 3 = Y

So, from the above, NRY is the required term of the series. Hence, the **first option** is correct.

Q. 29 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
DP, EY, FJ, ?

Option 1:
GX

Option 2:
GS

Option 3:
GT

Option 4:
GW

Correct Answer:
GW

Solution:
Given:
DP, EY, FJ, ?

Add 1 and 9 to the positional value of the first and second letters respectively of the previous term to obtain the next term in the series –

First letter of the series→D + 1 = E; E + 1 = F; F + 1 = G
Second letter of the series→P + 9 = Y; Y + 1 = J; J + 13 = W

So, GW is the missing term. Hence, the **fourth option** is correct.

Q. 30 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
DAF, FED, HIB, ?

Option 1:
JMZ

Option 2:
JOY

Option 3:
LUX

Option 4:
JOZ

Correct Answer:
JMZ

Solution:
Given:
DAF, FED, HIB, ?

Add 2 and 4 to the positional value of the first and second letters respectively and subtract 2 from the positional value of the third letter of the previous term to obtain the next term in the series –
First letter of the series→D + 2 = F; F + 2 = H; H + 2 = J
Second letter of the series→A + 4 = E; E + 4 = I; I + 4 = M
Third letter of the series→F – 2 = D; D – 2 = B; B – 2 = Z

So, from the above, JMZ is the required term of the series. Hence, the **first option** is correct.

Q. 31 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
HK, ?, PQ, TT, XW

Option 1:
LN

Option 2:
NO

Option 3:
LK

Option 4:
NM

Correct Answer:
LN

Solution:
Given:
HK, ?, PQ, TT, XW

Add 3, and 4 to the positional value of the first and second letters respectively of the previous term to get the next term in the series.
First letter of the series→H + 4 = L; L + 4 = P; P + 4 = T; T + 4 = X
Second letter of the series→K + 3 = N; N + 3 = Q; Q + 3 = T; T + 3 = W

So, from the above, LN is the missing term of the series. Hence, the **first option** is correct.

Q. 32 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
JN, OR, UW, BC, ?

Option 1:
KM

Option 2:
JJ

Option 3:
JK

Option 4:
KJ

Correct Answer:
JJ

Solution:
Given:
JN, OR, UW, BC, ?

Add the numbers in increasing order, (starting from 5 for the first letter and starting from 4 for the second letter) to the positional value of the first and second letters respectively of the previous term to get the next term in the series.
First letter of the series→J + 5 = O; O + 6 = U; U + 7 = B; B + 8 = J
Second letter of the series→N + 4 = R; R + 5 = W; W + 6 = C; C + 7 = J

So, from the above, JJ is the missing term of the series. Hence, the **second option** is correct.

Q. 33 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
EFGHI, LMNO, RST, WX, ?

Option 1:
A

Option 2:
D

Option 3:
B

Option 4:
E

Correct Answer:
A

Solution:
Given:
EFGHI, LMNO, RST, WX, ?

Each term of the series contains consecutive letters in alphabetical order and the number of letters in each term of the series decreases by 1.
EFGHI→5, LMNO→4, RST→3, WX→2; The next term will contain only one letter.
Add 3 to the positional value of the last letter of the previous term to get the first letter of the next term.
I + 3 = L; O + 3 = R; T + 3 = W; X + 3 = A

So, A is the missing term of the series. Hence,
the **first option** is correct.

Q. 34 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
TU, DE, NO, ?

Option 1:
PQ

Option 2:
FG

Option 3:
XY

Option 4:
VW

Correct Answer:
XY

Solution:
Given:
TU, DE, NO, ?

Add 10 to the positional value of each letter of the previous term to get the next term in the series.
First letter of the series→T + 10 = D; D + 10 = N; N + 10 = X
Second letter of the series→U + 10 = E; E + 10 = O; O + 10 = Y

So, XY is the missing term of the series. Hence,
the **third option** is correct.

Q. 35 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
HT, JR, MO, ?

Option 1:
QK

Option 2:
QL

Option 3:
PK

Option 4:
PL

Correct Answer:
QK

Solution:
Given:
HT, JR, MO, ?

Add and subtract consecutive natural numbers starting from 2 to the positional value of the first and the second letters of the letter cluster in the given series.
First letter of the series→Add consecutive natural numbers starting from 2→H + 2 = J; J + 3 = M; M + 4 = Q
Second letter of the series→Subtract consecutive natural numbers starting from 2→T – 2 = R; R – 3 = O; O – 4 = K

So, QK is the missing term of the series. Hence,
the **first option** is correct.

Q. 36 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
HIJ, KMO, PSV, ?

Option 1:
XYZ

Option 2:
WAD

Option 3:
WZD

Option 4:
WAE

Correct Answer:
WAE

Solution:
Given:
HIJ, KMO, PSV, ?

First letter of the series→Add consecutive odd numbers – H + 3 = K; K + 5 = P; P + 7 = W
Second letter of the series→Add consecutive even numbers – I + 4 = M; M + 6 = S; S + 8 = A
Third letter of the series→Add consecutive odd numbers – J + 5 = O; O + 7 = V; V + 9 = E

So, WAE is the missing term of the series. Hence, the **fourth option** is correct.

Q. 37 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
PRQ, TVU, YAZ, ?

Option 1:
BDC

Option 2:
EGF

Option 3:
DFE

Option 4:
EFG

Correct Answer:
EGF

Solution:
Given:
PRQ, TVU, YAZ, ?

Add consecutive natural numbers starting from 4 to the positional value of each letter of the previous term to get the next term of the series.
First letter of the series→P + 4 = T; T + 5 = Y; Y + 6 = E
Second letter of the series→R + 4 = V; V + 5 = A; A + 6 = G
Third letter of the series→Q + 4 =U; U + 5 = Z; Z + 6 = F

So, EGF is the missing term of the series. Hence, the **second option** is correct.

Q. 38 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series
ML, HG, CB, ?

Option 1:
XW

Option 2:
YX

Option 3:
WX

Option 4:
ZY

Correct Answer:
XW

Solution:
Given:
ML, HG, CB, ?

Subtract 5 from the positional value of each letter of the previous term to get the next term in the series.
First letter of the series→M – 5 = H; H – 5 = C; C – 5 = X

Second letter of the series→L – 5 = G; G – 5 = B; B – 5 = W

So, XW is the missing term of the series. Hence,
the **first option** is correct.

Q. 39 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
YXW, TSR, NML, ?

Option 1:
EFG

Option 2:
GFE

Option 3:
FEG

Option 4:
HGF

Correct Answer:
GFE

Solution:
Given:
YXW, TSR, NML, ?

Subtract consecutive natural numbers starting from 5 from the positional value of each letter of the previous term to get the next term of the series.
First letter of the series→Y – 5 = T; T – 6 = N; N – 7 = G
Second letter of the series→X – 5 = S; S – 6 = M; M – 7 = F
Third letter of the series→W – 5 = R; R – 6 = L; L – 7 = E

So, GFE is the missing term of the series. Hence,
the **second option** is correct.

Q. 40 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
B, D, H, P, ?

Option 1:
E

Option 2:
D

Option 3:
C

Option 4:
F

Correct Answer:
F

Solution:
Given:
B, D, H, P, ?

Add 2^n (where n belongs to natural numbers) to the positional value of each term to get the next term in the series –
$B + 2^1 = B + 2 = D$; $D + 2^2 = D + 4 = H$; $H + 2^3 = H + 8 = P$; $P + 2^4 = P + 16 = F$

So, F is the missing term in the series. Hence, the **fourth option** is correct.

Q. 41 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
AK, CO, ES, ?

Option 1:
NO

Option 2:
FH

Option 3:
GW

Option 4:
GV

Correct Answer:
GW

Solution:
Given:
AK, CO, ES, ?

Add 2 to the positional value of the first letter and 4 to the positional value of the second letter of the previous term to get the next term of the series.
First letter of the series→A + 2 = C; C + 2 = E; E + 2 = G
Second letter of the series→K + 4 = O; O + 4 = S; S + 4 = W

So, GW is the missing term of the series. Hence, the **third option** is correct.

Q. 42 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
CDE, HIJ, MNO, ?

Option 1:
KNM

Option 2:
TRS

Option 3:
QRS

Option 4:
RST

Correct Answer:
RST

Solution:
Given:
CDE, HIJ, MNO, ?

Add 5 to the positional value of each letter of the previous term to get the next term in the series.
First letter of the series→C + 5 = H; H + 5 = M; M + 5 = R
Second letter of the series→D + 5 = I; I + 5 = N; N + 5 = S
Third letter of the series→E + 5 = J; J + 5 = O; O + 5 = T

So, RST is the missing term of the series. Hence,
the **fourth option** is correct.

Q. 43 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
BD, CE, DF, EG, ?

Option 1:
FG

Option 2:
DH

Option 3:
FH

Option 4:
EH

Correct Answer:
FH

Solution:
Given:
BD, CE, DF, EG, ?

Add 1 to the positional value of each letter of the previous term to get the next term.
BD→B + 1 = C; D + 1 = E→CE

CE→C + 1 = D; E + 1 = F→DF
DF→D + 1 = E; F + 1 = G→EG
EG→E + 1 = F; G + 1 = H→FH

So, FH is the missing term in the series. Hence, the **third option** is correct.

Q. 44 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
AVA, BUC, CTE, ?

Option 1:
DVG

Option 2:
DSF

Option 3:
DSG

Option 4:
GSD

Correct Answer:
DSG

Solution:

Given:
AVA, BUC, CTE, ?

Add 1 and 2 to the positional values of the first and third letters and subtract 1 from the positional value of the second letter of the previous term to get the missing term in the series.
AVA→A + 1 = B; V – 1 = U; A + 2 = C→BUC
BUC→B + 1 = C; U – 1 = T; C + 2 = E→CTE
CTE→C + 1 = D; T – 1 = S; E + 2 = G→DSG

So, DSG is the missing term in the series. Hence, the **third option** is correct.

Q. 45 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
A, C, F, J, O, ?

Option 1:
U

Option 2:
V

Option 3:
T

Option 4:
S

Correct Answer:
U

Solution:
Given:
A, C, F, J, O, ?

Add consecutive natural numbers (starting from 2) to the place value of the previous term to get the next term in the series.
A + 2 = C; C + 3 = F; F + 4 = J; J + 5 = O; O + 6 = U

Hence, the **first option** is correct.

Q. 46 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
C, EF, HIJ, LMNO, ?

Option 1:
NOPQR

Option 2:
RSTUP

Option 3:
PQRST

Option 4:
QRSTU

Correct Answer:
QRSTU

Solution:
Given:
C, EF, HIJ, LMNO, ?

The number of letters in each term in the series increases by 1 and the letters in a term are consecutive.
Add 2 to the place value of the last letter of a term to get the first letter of the next term –
C + 2 = E→EF; F + 2 = H→HIJ; J + 2 = L→LMNO; O + 2 = Q→QRSTU

QRSTU is the missing term in the series. Hence, the **fourth option** is correct.

Q. 47 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
ACE, GIK, ?, SUW, YAC

Option 1:
MOP

Option 2:
MOQ

Option 3:
MPQ

Option 4:
MNP

Correct Answer:
MOQ

Solution:
Given:
ACE, GIK, ?, SUW, YAC

Add 6 to each letter of the previous term to get the next term in the series.
ACE→A + 6 = G; C + 6 = I; E + 6 = K→GIK
GIK→G + 6 = M; I + 6 = O; K + 6 = Q→MOQ
MOQ→M + 6 = S; O + 6 = U; Q + 6 = W→SUW
SUW→S + 6 = Y; U + 6 = A; W + 6 = C→YAC

So, MOQ is the missing term. Hence, the **second** option is correct.

Q. 48 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
BDF, CFI, DHL, ?

Option 1:
EIM

Option 2:
EJO

Option 3:
EMI

Option 4:
CJM

Correct Answer:
EJO

Solution:
Given:
BDF, CFI, DHL, ?

Add consecutive natural numbers to each letter of the previous term to get the next term in the series.
BDF→B + 1 = C; D + 2 = F; F + 3 = I→CFI

CFI→C + 1 = D; F + 2 = H; I + 3 = L→DHL
DHL→D + 1 = E; H + 2 = J; L + 3 = O→EJO

So, EJO is the missing term in the series. Hence, the **second option** is correct.

Q. 49 **Directions:** Identify the next letter in the following series.
a d c e b e d f c f e ?

Option 1:
h

Option 2:
g

Option 3:
f

Option 4:
d

Correct Answer:
g

Solution:

Given:
a d c e b e d f c f e ?

Divide the series into 3 parts → a d c e / b e d f / c f e ?
Now, add 1 to each letter of the first part to obtain the second part –
adce→a + 1 = b; d + 1 = e; c + 1 = d; e + 1 = f→bedf
Similarly, add 1 to the second part to obtain the third part –
bedf→b + 1 = c; e + 1 = f; d + 1 = e; f + 1 = g→cfeg

So, g is the missing letter in the series. Hence, the **second option** is correct.

Q. 50 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
AB, CD, EF, GH, ?

Option 1:
HJ

Option 2:
HK

Option 3:
IJ

Option 4:
JI

Correct Answer:
IJ

Solution:
Given:
AB, CD, EF, GH, ?

Add 2 in the positional value of each letter to obtain the required missing term in the series.
AB→A + 2 = C; B + 2 = D→CD
CD→C + 2 = E; D + 2 = F→EF
EF→E + 2 = G; F + 2 = H→GH
GH→G + 2 = I; H + 2 = J→IJ

Therefore, the required missing term in the series is IJ. Hence, the **third option** is correct.

Q. 51 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
CDH, FGK, IJN, ?

Option 1:
LQK

Option 2:
KQM

Option 3:
MQK

Option 4:
LMQ

Correct Answer:
LMQ

Solution:
Given:
CDH, FGK, IJN, ?

Add 3 to the place values of each letter of the previous terms to get the next term in the series –
CDH→C + 3 = F; D + 3 = G; H + 3 = K→FGK
FGK→F + 3 = I; G + 3 = J; K + 3 = N→IJN
IJN→I + 3 = L; J + 3 = M; N + 3 = Q→LMQ

Therefore, LMQ is the required missing term in the series. Hence, the **fourth option** is correct.

Q. 52 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
AFG, EJK, INO, ?

Option 1:
PQN

Option 2:
NOP

Option 3:
SMR

Option 4:
MRS

Correct Answer:
MRS

Solution:
Given:
AFG, EJK, INO, ?

Add 4 to the place values of each letter of the previous terms to get the next term of the series –
AFG→A + 4 = E; F + 4 = J; G + 4 = K→EJK

EJK→E + 4 = I; J + 4 = N; K + 4 = O→INO
INO→I + 4 = M; N + 4 = R; O + 4 = S→MRS

Therefore, MRS is the required missing term in the series. Hence, the **fourth option** is correct.

Q. 53 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
BRV, FVZ, JZD, ?

Option 1:
MHN

Option 2:
MDN

Option 3:
NDH

Option 4:
HDM

Correct Answer:
NDH

Solution:

Given:
BRV, FVZ, JZD, ?

Add 4 to the place values of each letter of the previous terms to get the next term in the series –
BRV→B + 4 = F; R + 4 = V; V + 4 = Z→FVZ
FVZ→F + 4 = J; V + 4 = Z; Z + 4 = D→JZD
JZD→J + 4 = N; Z + 4 = D; D + 4 = H→NDH

NDH is the missing term. Hence, the **third option** is correct.

Q. 54 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
AF, CH, EJ, GL, ?

Option 1:
IL

Option 2:
LO

Option 3:
IN

Option 4:
VE

Correct Answer:
IN

Solution:
Given:
AF, CH, EJ, GL, ?

Add 2 to the place values of each letter of the previous terms to get the next term of the series –
AF→A + 2 = C; F + 2 = H→CH
CH→C + 2 = E; H + 2 = J→EJ
EJ→E + 2 = G; J + 2 = L→GL
GL→G + 2 = I; L + 2 = N→IN

Therefore, IN is the required missing term in the series. Hence, the **third option** is correct.

Q. 55 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
FH, LN, RT, ?

Option 1:
XY

Option 2:
XZ

Option 3:
ZX

Option 4:
WY

Correct Answer:
XZ

Solution:
Given:
FH, LN, RT, ?

Add 6 to the place values of each letter of the previous terms to get the next term of the series –

FH→F + 6 = L; H + 6 = N→LN
LN→L + 6 = R; N + 6 = T→RT
RT→R + 6 = X; T + 6 = Z→XZ

Therefore, XZ is the required missing term in the series. Hence, the **second option** is correct.

Q. 56 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
WXV, TUS, QRP, ?

Option 1:
NOM

Option 2:
MNO

Option 3:
ONM

Option 4:
LMO

Correct Answer:
NOM

Solution:
Given:
WXV, TUS, QRP, ?

Subtract 3 from the place values of each letter of the previous terms to get the next term of the series –

WXV→W – 3 = T; X – 3 = U; V – 3 = S→TUS
TUS→T – 3 = Q; U – 3 = R; S – 3 = P→QRP
QRP→Q – 3 = N; R – 3 = O; P – 3 = M→NOM

Therefore, NOM is the required missing term in the series. Hence, the **first option** is correct.

Q. 57 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
EG, JL, OQ, ?

Option 1:
TV

Option 2:
TU

Option 3:
VT

Option 4:
UT

Correct Answer:
TV

Solution:
Given:
EG, JL, OQ, ?

Add 5 to the place values of each letter of the previous terms to get the next term in the series –

EG→E + 5 = J; G + 5 = L→JL
JL→J + 5 = O; L + 5 = Q→OQ
OQ→O + 5 = T; Q + 5 = V→TV

Therefore, TV is the required missing term in the series. Hence, the **first option** is correct.

Q. 58 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
ABC, EXG, ITK, ?

Option 1:
MPO

Option 2:
NQL

Option 3:
MPL

Option 4:
NQO

Correct Answer:
MPO

Solution:

Given:
ABC, EXG, ITK, ?

Add 4 to the positional values of the first and the third letter, and subtract 4 from the second letter of each term to obtain the next term.
First letter of the series→A + 4 = E; E + 4 = I; I + 4 = M
Second letter of the series→B – 4 = X; X – 4 = T; T – 4 = P
Third letter of the series→C + 4 = G; G + 4 = K; K + 4 = O

So, MPO is the missing term in the series. Hence, the **first option** is correct.

Q. 59 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
AN, ET, IZ, MF, ?

Option 1:
AL

Option 2:
QL

Option 3:
AM

Option 4:
QM

Correct Answer:
QL

Solution:
Given:
AN, ET, IZ, MF, ?

Add 4 and 6 to the positional values of the first and second letters of each term to get the next term of the series –
First letter of the series→A + 4 = E; E + 4 = I; I + 4 = M; M + 4 = Q
Second letter of the series→N + 6 = T; T + 6 = Z; Z + 6 = F; F + 6 = L

So, QL is the missing term in the series. Hence the **second option** is correct.

Q. 60 **Directions:** A series is given below with one term missing. Choose the correct alternative from the given ones that will complete the series.
ST, TV, VY, ?, CH

Option 1:
VC

Option 2:
YH

Option 3:
YC

Option 4:
YZ

Correct Answer:
YC

Solution:
Given:
ST, TV, VY, ?, CH

Add consecutive natural numbers to the place values of the first letter of each term to get the second letter of the same term in the series and the second letter of the previous term is the first letter of the next term.
S + 1 = T→ST (T is the first letter of the next term)
T + 2 = V→TV (V is the first letter of the next term)
V + 3 = Y→VY (Y is the first letter of the next term)
Y + 4 = C→YC (C is the first letter of the next term)
C + 5 = H→CH

So, YC is the missing term in the series. Hence, the **third option** is correct.

Q. 61 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series?
EJCK, GMDO, IPES, ?, MVGA

Option 1:
KRFW

Option 2:
KTFW

Option 3:
KSFW

Option 4:
KRFV

Correct Answer:
KSFW

Solution:
Given:
EJCK, GMDO, IPES, ?, MVGA

Add 2, 3, 1, and 4 to the positional values of the first, second, third, and fourth letters respectively of the previous term to get the next term of the series.
EJCK→E + 2 = G; J + 3 = M; C + 1 = D; K + 4 = O→GMDO

GMDO→G + 2 = I; M + 3 = P; D + 1 = E; O + 4 = S→IPES
IPES→I + 2 = K; P + 3 = S; E + 1 = F; S + 4 = W→KSFW
KSFW→K + 2 = M; S + 3 = V; F + 1 = G; W + 4 = A→MVGA

So, the missing term in the series is KSFW. Hence, the **third option** is correct.

Q. 62 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series?
EIMC, DKOD, CMQE, ?, AQUG

Option 1:
CPSF

Option 2:
COSF

Option 3:
BPSF

Option 4:
BOSF

Correct Answer:
BOSF

Solution:

Given:
EIMC, DKOD, CMQE, ?, AQUG

Subtract 1 from the place value of the first letter, and add 2, 2, and 1 to the place values of the second, third, and fourth letters respectively of the previous terms to get the next term in the series.
EIMC→E – 1 = D; I + 2 = K; M + 2 = O; C + 1 = D→DKOD
DKOD→D – 1 = C; K + 2 = M; O + 2 = Q; D + 1 = E→CMQE
CMQE→C – 1 = B; M + 2 = O; Q + 2 = S; E + 1 = F→BOSF
BOSF→B – 1 = A; O + 2 = Q; S + 2 = U; F + 1 = G→AQUG

So, BOSF is the missing term of the series. Hence, the **fourth option** is correct.

Q. 63 **Directions:** Which of the following terms will replace the question mark (?) in the given series?
XLO, VOM, TRK, RUI, ?

Option 1:
PXH

Option 2:
SXH

Option 3:
PXG

Option 4:
QXG

Correct Answer:
PXG

Solution:
Given:
XLO, VOM, TRK, RUI, ?

To determine the next letter cluster in the series, subtract 2 from the place values of the first and the third letters and add 3 to the place value of the second letter.
XLO→X – 2 = V, L + 3 = O, O – 2 = M→VOM
VOM→V – 2 = T, O + 3 = R, M – 2 = K→TRK
TRK→T – 2 = R, R + 3 = U, K – 2 = I→RUI
RUI→R – 2 = P, U + 3 = X, I – 2 = G→PXG

So, PXG is the missing term of the given series. Hence, the **third option** is correct.

Q. 64 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series?
QZAE, RYCG, SXEI, ?, UVIM

Option 1:
TWHK

Option 2:
SWGL

Option 3:
TWGK

Option 4:
SWGK

Correct Answer:
TWGK

Solution:
Given:
QZAE, RYCG, SXEI, ?, UVIM

Add 1, 2, and 2 to the positional values of the first, third, and fourth letters respectively, and subtract 1 from the positional value of the second letter to get the respective letters of the next term –
First letter: Q + 1 = R; R + 1 = S; S + 1 = T; T + 1 = U
Second letter: Z – 1 = Y; Y – 1 = X; X – 1 = W; W – 1 = V
Third letter: A + 2 = C; C + 2 = E; E + 2 = G; G + 2 = I
Fourth letter: E + 2 = G; G + 2 = I; I + 2 = K; K + 2 = M

TWGK is the missing term of the series. Hence, the **third option** is correct.

Q. 65 **Directions:** Select the letter cluster from among the given options that can replace the question mark (?) in the following series.
PQJ, LMF, HIB, DEX, ?

Option 1:
ZAV

Option 2:
ZBT

Option 3:
ZAT

Option 4:
ZAU

Correct Answer:
ZAT

Solution:
Given:
PQJ, LMF, HIB, DEX, ?

Subtract 4 from each letter of the given term, to get the required missing term.
PQJ→P – 4 = L; Q – 4 = M; J – 4 = J→LMF

LMF→L – 4 = H; M – 4 = I; F – 4 = B→HIB
HIB→H – 4 = D; I – 4 = E; B – 4 = X→DEX
DEX→D – 4 = Z; E – 4 = A; X – 4 = T→ZAT

Therefore, the required missing term in the series is ZAT. Hence, the **third option** is correct.

Q. 66 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series?
ZBQ, BFL, ?, FNB, HRW, JVR

Option 1:
DKG

Option 2:
DJF

Option 3:
DJG

Option 4:
DKF

Correct Answer:
DJG

Solution:

Given:
ZBQ, BFL, ?, FNB, HRW, JVR

Add 2 and 4 to the place values of the first and second letters and subtract 5 from the place value of the third letter of the given clusters to get the letters of the next term.
ZBQ→Z + 2 = B; B + 4 = F; Q – 5 = L→BFL
BFL→B + 2 = D; F + 4 = J; L – 5 = G→DJG
DJG→D + 2 = F; J + 4 = N; G – 5 = B→FNB
FNB→F + 2 = H; N + 4 = R; B – 5 = W→HRW
HRW→H + 2 = J; R + 4 = V; W – 5 = R→JVR

So, DJG is the required letter cluster of the series. Hence, the **third option** is correct.

Q. 67 **Directions:** Which of the following terms will replace the question mark (?) in the given series?
XGR, TKN, POJ, LSF, ?, DAX

Option 1:
HVB

Option 2:
HWB

Option 3:
GWB

Option 4:
HWA

Correct Answer:
HWB

Solution:
Given:
XGR, TKN, POJ, LSF, ?, DAX

Subtract and add 4 alternatively to the place values of the letters in the clusters.
XGR→X – 4 = T; G + 4 = K; R – 4 = N→TKN
TKN→T – 4 = P; K + 4 = O; N – 4 = J→POJ
POJ→P – 4 = L; O + 4 = S; J – 4 = F→LSF
LSF→L – 4 = H; S + 4 = W; F – 4 = B→HWB
HWB→H – 4 = D; W + 4 = A; B – 4 = X→DAX

So, HWB is the required missing term of the series. Hence, the **second option** is correct.

Q. 68 **Directions:** Which letter cluster will replace the question mark (?) to complete the given series?
BZVR, DXWQ, ?, HTYO, JRZN

Option 1:
FXPV

Option 2:
FXPN

Option 3:
FVXP

Option 4:
FVPX

Correct Answer:
FVXP

Solution:
Given:
BZVR, DXWQ, ?, HTYO, JRZN

Add 2, and 1 to the first and the third letters respectively, and subtract 2 and 1 from the second and the fourth letters of the previous term to get the next term in the series.
BZVR→B + 2 = D; Z – 2 = X; V + 1 = W; R – 1 = Q→DXWQ
DXWQ→D + 2 = F; X – 2 = V; W + 1 = X; Q – 1 = P→FVXP
FVXP→F + 2 = H; V – 2 = T; X + 1 = Y; P – 1 = O→HTYO
HTYO→H + 2 = J; T – 2 = R; Y + 1 = Z; O – 1 = N→JRZN

So, FVXP is the missing term of the series. Hence, the **third option** is correct.

Q. 69 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series to make it logically complete?
ADZ, GJF, MPL, SVR, ?

Option 1:
XYB

Option 2:
YBX

Option 3:
XBY

Option 4:
YXB

Correct Answer:
YBX

Solution:
Given:
ADZ, GJF, MPL, SVR, ?

Add 6 to each letter cluster to get the next term in the given series –
ADZ→A + 6 = G, D + 6 = J, Z + 6 = F→GJF
GJF→G + 6 = M, J + 6 = P, F + 6 = L→MPL

MPL→M + 6 = S, P + 6 = V, L + 6 = R→SVR
SVR→S + 6 = Y, V + 6 = B, R + 6 = X→YBX

So, YBX is the missing term. Hence, the **second option** is correct.

Q. 70 **Directions:** Which letter cluster will replace the question mark (?) to complete the given series?
BAWP, ?, DWCH, EUFD, FSIZ

Option 1:
CYZL

Option 2:
CZYL

Option 3:
CLZY

Option 4:
CYZH

Correct Answer:
CYZL

Solution:
Given:
BAWP, ?, DWCH, EUFD, FSIZ

Add and subtract consecutive natural numbers alternatively from each letter of the given letter clusters, to obtain the required missing term.
BAWP→B + 1 = C; A – 2 = Y; W + 3 = Z; P – 4 = L→CYZL
CYZL→C + 1 = D; Y – 2 = W; Z + 3 = C; L – 4 = H→DWCH
DWCH→D + 1 = E; W – 2 = U; C + 3 = F; H – 4 = D→EUFD
EUFD→E + 1 = F; U – 2 = S; F + 3 = I; D – 4 = Z→FSIZ

So, CYZL is the missing term in the series. Hence, the **first option** is correct.

Q. 71 **Directions:** Which of the following terms will replace the question mark (?) in the given series?
AXY, EZW, ICU, OHS, ?

Option 1:
UOQ

Option 2:
UPQ

Option 3:
UNQ

Option 4:
VOQ

Correct Answer:
UOQ

Solution:
Given:
AXY, EZW, ICU, OHS, ?

The first letter of the series are of vowels→A, E, I, O, U
For the second letter of the series→Add prime numbers to the positional values of the letters – X + 2 = Z; Z + 3 = C; C + 5 = H; H + 7 = O
For the third letter of the series→Subtract 2 from the positional values of the letters – Y – 2 = W; W – 2 = U; U – 2 = S; S – 2 = Q

So, UOQ is the required term of the given series. Hence, the **first option** is correct.

Q. 72 **Directions:** A series is given with one term missing. Select the correct alternative from the given ones to complete the series.
Employ, Oyster, Error, Ornate, Tennis, ?

Option 1:
Neptune

Option 2:
Nature

Option 3:
Terminate

Option 4:
Isomer

Correct Answer:
Isomer

Solution:
Given:
employ, oyster, error, ornate, tennis,?

Here, the last two letters of a word are the first two letters of the next word in the series.
empl**oy**→**oy**st**er**→**er**r**or**→**or**na**te**→**te**nn**is**
So, the next word will start with 'is'.
Let's check the options –
First option: Neptune→The first two letters are not "i" and "s".
Second option: nature→The first two letters are not "i" and "s".
Third option: terminate→The first two letters are not "i" and "s".
Fourth option: isomer→The first two letters are "i" and "s".

"Isomer" is the only one that follows the pattern. Hence, the **fourth option** is correct.

Q. 73 **Directions:** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
hello, lower, error, organ, analyse, ?

Option 1:
night

Option 2:
rapture

Option 3:
senile

Option 4:
watch

Correct Answer:
senile

Solution:
Given:
hello, lower, error, organ, analyse, ?

The pattern usd here is that the next word is formed from the last two letters of the previous word.
hel**lo**→**lo**w**er**→**er**r**or**→**or**g**an**→**an**aly**se**

So, the next word will contain 'se' as the first two letters.
Let's check the options –
First option: night→The first two letters are not "s" and "e".
Second option: rapture→The first two letters are not "s" and "e".
Third option: senile→The first two letters are "s" and "e".
Fourth option: watch→The first two letters are not "s" and "e".

"Senile" is the word that follows the pattern. Hence, the **third option** is correct.

Q. 74 **Directions:** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
Dadabhai Naoroji, Bal Gangadhar Tilak, Lala Lajpat Rai, ?

Option 1:
Mahatma Gandhi

Option 2:
Jawaharlal Nehru

Option 3:
Subhash Chandra Bose

Option 4:
Bhagat Singh

Correct Answer:
Mahatma Gandhi

Solution:
Given:
Dadabhai Naoroji, Bal Gangadhar Tilak, Lala Lajpat Rai, ?

The order of age of the given freedom fighters is as follows –
Dadabhai Naoroji (04.09.1825) > Bal Gangadhar Tilak (23.07.1856) > Lala Lajpat Rai (28.01.1865)
Let's check the given options –
First option: Mahatma Gandhi→(02.10.1869)
Second option: Jawaharlal Nehru→(14.11.1889)
Third option: Subhash Chandra Bose→(23.01.1897)
Fourth option: Bhagat Singh→(28.09.1907)

So, Mahatma Gandhi is the missing term of the given series. Hence, the **first option** is correct.

Q. 75 **Directions:** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
?, Hexane, Heptane, Octane

Option 1:
Pentane

Option 2:
Benzene

Option 3:
Nonane

Option 4:
Methane

Correct Answer:
Pentane

Solution:
Given:
?, Hexane, Heptane, Octane

The order is as follows –
Hexane (alkane of 6 carbon atoms) < Heptane (alkane of 7 carbon atoms) < Octane(alkane of 8 carbon atoms)

So, Pentane (alkane of 5 carbon atoms) is the missing term of the given series. Hence, the **first option** is correct.

Q. 76 **Directions:** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
Mouth, Esophagus, Stomach, ?

Option 1:
Large Intestine

Option 2:
Small Intestine

Option 3:
Liver

Option 4:
Pancreas

Correct Answer:
Small Intestine

Solution:
Given:
Mouth, Esophagus, Stomach, ?

The digestion of food starts from the mouth passes through the esophagus, enters the stomach, and then is transferred to the small intestine.
So, the order of digestion of food is like –
Mouth < Esophagus < Stomach < Small Intestine

So, the small intestine is the missing term of the given series. Hence, the **second option** is correct.

Q. 77 **Directions:** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
?, Planning, Strategy, Marketing, Finance

Option 1:
Realization

Option 2:
Success

Option 3:
Failure

Option 4:
Idea

Correct Answer:
Idea

Solution:
Given:
?, Planning, Strategy, Marketing, Finance

To start a business, we need to come up with an idea, plan accordingly, strategize to implement the idea, identify target markets, and consider the finances required throughout the entire

process.
So, the order of steps of the startup business project is as follows –
Idea < Planning < Strategy < Marketing < Finance

So, the idea is the missing term of the given series. Hence,
the **fourth option** is correct.

Q. 78 **Directions:** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
Jaipur, Rajasthan, India, ?

Option 1:
Europe

Option 2:
Antarctica

Option 3:
Asia

Option 4:
Australia

Correct Answer:
Asia

Solution:
Given:
Jaipur, Rajasthan, India, ?

To complete the series, we need to provide a larger geographical region that encompasses India.
Asia has a larger geographical region that encompasses India.
So, the order of the series is like –
Jaipur < Rajasthan < India < Asia

So, Asia is the missing term of the given series. Hence, the **third option** is correct.

Q. 79 **Directions:** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
?, James Garfield, William McKinley, John F. Kennedy

Option 1:
Franklin D. Roosevelt

Option 2:
George W. Bush

Option 3:
Abraham Lincoln

Option 4:
Bill Clinton

Correct Answer:
Abraham Lincoln

Solution:
Given:
?, James Garfield, William McKinley, John F. Kennedy

Here, the series shows the names of United States Presidents who were assassinated while in office.
Abraham Lincoln was the U.S. President who was assassinated before James Garfield.
So, the order of the series is like–
Abraham Lincoln < James Garfield < William McKinley < John F. Kennedy

So, Abraham Lincoln is the missing term of the given series. Hence, the **third option** is correct.

Q. 80 **Directions:** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
Leaf, Caterpillar, Frog, ?

Option 1:
Grasshopper

Option 2:
Snake

Option 3:
Cow

Option 4:
Deer

Correct Answer:
Snake

Solution:
Given:
Leaf, Caterpillar, Frog, ?

Each organism is dependent on the previous organism as a source of food.
Like, the Caterpillar eats the leaf, Frog eats the caterpillar.
Similarly, we need to find the organism that eats frogs. So, let's check the options –
First option: Grasshopper; Grasshopper does not eat frogs.
Second option: Snake; Snake eats frogs.
Third option: Cow; Cow does not eat frogs.
Fourth option: Deer; Deer does not eat frogs.

So, from the above, it is clear that snakes eat frogs. Hence, the **second option** is correct.

Q. 81 **Directions:** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
?, Lal Bahadur Shastri, Indira Gandhi, Morarji Desai, Chaudhary Charan Singh

Option 1:
Jawaharlal Nehru

Option 2:
Rajiv Gandhi

Option 3:
Manmohan Singh

Option 4:
V. P. Singh

Correct Answer:
Jawaharlal Nehru

Solution:

Given:
?, Lal Bahadur Shastri, Indira Gandhi, Morarji Desai, Chaudhary Charan Singh

We can deduce that the series is a list of Prime Ministers of India in chronological order.
Lal Bahadur Shastri served as the second Prime Minister of India. So, to fill the series we need to find out who served as the first Prime minister of India.

So, the first Prime Minister of India was Jawaharlal Nehru. Hence, the **first option** is correct.

Q. 82 **Directions:** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
Second, Minute, Hour, ?

Option 1:
Days

Option 2:
Night

Option 3:
Year

Option 4:
Month

Correct Answer:
Days

Solution:
Given:
Second, Minute, Hour, ?

We know that the second is the smallest unit of time in terms of magnitude. Also, minutes constitute multiple seconds, and hours constitute multiple minutes.
Similarly, multiple hours combined constitute a day.

So, days is the missing term of the given series. Hence, the **first option** is correct.

Q. 83 **Directions:** A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
Asia, Africa, North America, ?

Option 1:
China

Option 2:
Australia

Option 3:
Canada

Option 4:
Japan

Correct Answer:
Australia

Solution:
Given:
Asia, Africa, North America, ?

There are seven continents in the world. They are North America, Africa, Asia, Antarctica, Europe, South America and Australia.
The above-given series consists of the names of seven continents.
So, we need to find the continent from the given options. Let's check the options –
First option: China; China is not a continent.
Second option: Australia; Australia is a continent.
Third option: Canada; Canada is not a continent.
Fourth option: Japan; Japan is not a continent.

So, Australia is the missing term of the given series. Hence, the **second option** is correct.

Q. 84 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series to make it logically complete?
ZXV, TRP, NLJ, HFD, ?

Option 1:
BZX

Option 2:
XZB

Option 3:
ZXB

Option 4:
BXZ

Correct Answer:
BZX

Solution:
Given:
ZXV, TRP, NLJ, HFD, ?

In the above-given series, subtract 6 from the place value of the letters of the previous term to get the next term.
ZXV→Z – 6 = T; X – 6 = R; V – 6 = P,

TRP→T – 6 = N; R – 6 = L; P – 6 = J,
NLJ→N – 6 = H; L – 6 = F; J – 6 = D,
HFD→H – 6 = B; F – 6 = Z; D – 6 = X

So, the missing term is BZX. Hence, the **first option** is correct.

Q. 85 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series?
WTDH, URGK, SPJN, ?, OLPT

Option 1:
QNMQ

Option 2:
QNLP

Option 3:
QMNP

Option 4:
RNMQ

Correct Answer:
QNMQ

Solution:
Given:
WTDH, URGK, SPJN, ?, OLPT

In the above-given series, subtract 2 from the place value of the first two letters and add 3 to the place value of the last two letters.
WTDH→W – 2 = U; T – 2 = R; D + 3 = G; H + 3 = K
URGK→U – 2 = S; R – 2 = P; G + 3 = J; K + 3 = N
SPJN→S – 2 = Q; P – 2 = N; J + 3 = M; N + 3 = Q
QNMQ→Q – 2 = O; N – 2 = L; M + 3 = P; Q + 3 = T

So, QNMQ is the missing term of the series. Hence, the **first option** is correct.

Q. 86 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series to make it logically complete?
CXW, EVU, GTS, IRQ, ?

Option 1:
NOL

Option 2:
ONM

Option 3:
MNO

Option 4:
KPO

Correct Answer:
KPO

Solution:
Given:
CXW, EVU, GTS, IRQ, ?

In the above-given series, add 2 to the place value of the first letter and subtract 2 from the place value of the second and third letters of the previous term to obtain the next term.
CXW→C + 2 = E; X – 2 = V; W – 2 = U
EVU→E + 2 = G; V – 2 = T; U – 2 = S
GTS→G + 2 = I; T – 2 = R; S – 2 = Q
IRQ→I + 2 = K; R – 2 = P; Q – 2 = O

So, KPO is the missing term of the series. Hence, the **fourth option** is correct.

Q. 87 **Directions:** Which letter cluster will replace the question mark (?) to complete the given series?
GTCL, KWEM, OZGN, SCIO, ?

Option 1:
VGLQ

Option 2:
WKFD

Option 3:
VJEF

Option 4:
WFKP

Correct Answer:
WFKP

Solution:
Given:
GTCL, KWEM, OZGN, SCIO, ?

In the above-given series, add consecutive natural numbers in decreasing order to the place value of the letters of the previous term to get the next term.
GTCL→G + 4 = K; T + 3 = W; C + 2 = E; L + 1 = M
KWEM→K + 4 = O; W + 3 = Z; E + 2 = G; M + 1 = N
OZGN→O + 4 = S; Z + 3 = C; G + 2 = I; N + 1 = O
SCIO→S + 4 = W; C + 3 = F; I + 2 = K; O + 1 = P

So, WFKP is the missing term of the series. Hence, the **fourth option** is correct.

Q. 88 **Directions:** Which of the following terms will replace the question mark (?) in the given series?
AJRX, CNXF, ERDN, ?, IZPD

Option 1:
HVJV

Option 2:
GVJV

Option 3:
HVIT

Option 4:
GVKV

Correct Answer:
GVJV

Solution:
Given:
AJRX, CNXF, ERDN, ?, IZPD

In the above-given series, add 2, 4, 6 and 8 to the place value of the first, second, third and fourth letters of the given terms.
AJRX→A + 2 = C; J + 4 = N; R + 6 = X; X + 8 = F
CNXF→C + 2 = E; N + 4 = R; X + 6 = D; F + 8 = N
ERDN→E + 2 = G; R + 4 = V; D + 6 = J; N + 8 = V
GVJV→G + 2 = I; V + 4 = Z; J + 6 = P; V + 8 = D

So, the missing term is GVJN. Hence, the **second option** is correct.

Q. 89 **Directions:** Which letter cluster will replace the question mark (?) to complete the given series?
WGNY, ZDQV, CATS, FXWP, ?

Option 1:
IZMU

Option 2:
IMUZ

Option 3:
IVZM

Option 4:
IUZM

Correct Answer:
IUZM

Solution:
Given:
WGNY, ZDQV, CATS, FXWP, ?

In the above-given series, add and subtract 3 alternatively to the place value of each letter of the previous term to get the next term.
WGNY→W + 3 = Z; G – 3 = D; N + 3 = Q; Y – 3 = V

ZDQV→Z + 3 = C; D – 3 = A; Q + 3 = T; V – 3 = S
CATS→C + 3 = F; A – 3 = X; T + 3 = W; S – 3 = P
FXWP→F + 3 = I; X – 3 = U; W + 3 = Z; P – 3 = M

So, IUZM is the missing term of the series. Hence, the **fourth option** is correct.

Q. 90 **Directions:** Which of the following terms will replace the question mark (?) in the given series?
EGI, KMO, QSU, ?

Option 1:
WYA

Option 2:
XAD

Option 3:
XYZ

Option 4:
VWY

Correct Answer:
WYA

Solution:

Given:
EGI, KMO, QSU, ?

In the above-given series, add 6 to the place value of each letter of the previous term to get the next term.
EGI→E + 6 = K; G + 6 = M; I + 6 = O
KMO→K + 6 = Q; M + 6 = S; O + 6 = U
QSU→Q + 6 = W; S + 6 = Y; U + 6 = A

So, WYA is the missing term. Hence, the **first option** is correct.

Q. 91 **Directions:** Which of the following terms will replace the question mark (?) in the given series?
ALW, GEY, MXA, SQC, YJE, ?

Option 1:
ECG

Option 2:
DBI

Option 3:
DCH

Option 4:
EBH

Correct Answer:
ECG

Solution:
Given:
ALW, GEY, MXA, SQC, YJE, ?

Add 6 and 2 to the place value of the first and third letters and subtract 7 from the place value of the second letter of the series to obtain the next term.
First letter of the series→A + 6 = G; G + 6 = M; M + 6 = S; S + 6 = Y; Y + 6 = E
Second letter of the series→L – 7 = E; E – 7 = X; X – 7 = Q; Q – 7 = J; J – 7 = C
Third letter of the series→W + 2 = Y; Y + 2 = A; A + 2 = C; C + 2 = E; E + 2 = G

So, ECG is the missing term of the series. Hence, the **first option** is correct.

Q. 92 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series?
UV, OY, IB, EE, ?

Option 1:
ZK

Option 2:
AH

Option 3:
BI

Option 4:
BH

Correct Answer:
AH

Solution:
Given:
UV, OY, IB, EE,?

The series follows a reverse alphabetical order of vowels (U, O, I, E) as the first letter of each letter cluster. The first letter of the next term of the series will be A.
For the second letter of each letter cluster of the series, add 3 to the place value of the letter of the previous term to get the next term.
V + 3 = Y; Y + 3 = B; B + 3 = E; E + 3 = H

So, AH is the missing term. Hence, the **second option** is correct.

Q. 93 **Directions:** Which letter cluster will replace the question mark (?) to complete the given series?
PQST, TOVS, ?, BKBQ, FIEP

Option 1:
XMYR

Option 2:
XYRM

Option 3:
YNZQ

Option 4:
XNYQ

Correct Answer:
XMYR

Solution:
Given:
PQST, TOVS, ?, BKBQ, FIEP

First letter of the series→P + 4 = T; T + 4 = X; X + 4 = B; B + 4 = F
Second letter of the series→Q – 2 = O; O – 2 = M; M – 2 = K; K – 2 = I
Third letter of the series→S + 3 = V; V + 3 = Y; Y + 3 = B; B + 3 = E
Fourth letter of the series→T – 1 = S; S – 1 = R; R – 1 = Q; Q – 1 = P

So, XMYR is the missing term of the series. Hence, the **first option** is correct.

Q. 94 **Directions:** What should come in place of (?) in the given series based on the English alphabetical order?
DRH, YOG, TLF, OIE, ?

Option 1:
JFD

Option 2:
KFE

Option 3:
IDE

Option 4:
KDD

Correct Answer:
JFD

Solution:
Given:
DRH, YOG, TLF, OIE, ?

Subtract 5, 3, and 1 from the place value of the first, second, and third letters of the previous letter cluster to obtain the next letter cluster of the series.

First letter of the series→D – 5 = Y; Y – 5 = T; T – 5 = O; O – 5 = J
Second letter of the series→R – 3 = O; O – 3 = L; L – 3 = I; I – 3 = F
Third letter of the series→H – 1 = G; G – 1 = F; F – 1 = E; E – 1 = D

So, JFD is the missing letter cluster of the series. Hence, the **first option** is correct.

Q. 95 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series to make it logically complete?
JHF, MKI, PNL, ?, VTR

Option 1:
SRP

Option 2:
PSO

Option 3:
PST

Option 4:
SQO

Correct Answer:
SQO

Solution:

Given:
JHF, MKI, PNL, ?, VTR

Add 3 to the place value of each letter of the previous letter cluster to obtain the next letter cluster of the series.
JHF→J + 3 = M; H + 3 = K; F + 3 = I→MKI
MKI→M + 3 = P; K + 3 = N; I + 3 = L→PNL
PNL→P + 3 = S; N + 3 = Q; L + 3 = O→SQO
SQO→S + 3 = V; Q + 3 = T; O + 3 = R→VTR

So, VTR is the missing letter cluster of the series. Hence, the **fourth option** is correct.

Q. 96 **Directions:** Select the term from among the given options that can replace the question mark (?) in the following series based on the English alphabetical order.
ADE, CFH, EHK, GJN, ?

Option 1:
IJK

Option 2:
HKQ

Option 3:
ILK

Option 4:
ILQ

Correct Answer:
ILQ

Solution:
Given:
ADE, CFH, EHK, GJN, ?

In the above-given series, add 2 to the place value of the first and the second letters, and add 3 to the place value of the third letter, to obtain the next letter cluster.
First letter of the series→A + 2 = C; C + 2 = E; E + 2 = G; G + 2 = I
Second letter of the series→D + 2 = F; F + 2 = H; H + 2 = J; J + 2 = L
Third letter of the series→E + 3 = H; H + 3 = K; K + 3 = N; N + 3 =Q

So, ILQ is the required letter cluster of the given series. Hence, the **fourth option** is correct.

Q. 97 **Directions:** What should come in place of (?) in the given series based on the English alphabetical order?
MXU, QCA, UHG, YMM, ?

Option 1:
BQT

Option 2:
CRS

Option 3:
BRT

Option 4:
DUO

Correct Answer:
CRS

Solution:
Given:
MXU, QCA, UHG, YMM, ?

In the above-given series, add 4, 5, and 6 to the place value of the first, second, and third letters respectively.
First letter of the series→M + 4 = Q; Q + 4 = U; U + 4 = Y; Y + 4 = C
Second letter of the series→X + 5 = C; C + 5 = H; H + 5 = M; M + 5 = R
Third letter of the series→U + 6 = A; A + 6 = G; G + 6 = M; M + 6 = S

So, CRS is the missing letter cluster of the given series. Hence, the **second option** is correct.

Q. 98 **Directions:** Select the term from among the given options that can replace the question mark (?) in the following series based on the English alphabetical order.
YZN, HDI, QHD, ZLY, ?

Option 1:
IOT

Option 2:
JPT

Option 3:
IPT

Option 4:
JOT

Correct Answer:
IPT

Solution:
Given:
YZN, HDI, QHD, ZLY, ?

In the above-given series, add 9 and 4 to the place values of the first and second letters, and subtract 5 from the place value of the third letter, to obtain the next term.
First letter of the series→Y + 9 = H; H + 9 = Q; Q + 9 = Z; Z + 9 = I
Second letter of the series→Z + 4 = D; D + 4 = H; H + 4 = L; L + 4 = P
Third letter of the series→N – 5 = I; I – 5 = D; D – 5 = Y; Y – 5 = T

So, IPT is the missing term of the given series. Hence, the **third option** is correct.

Q. 99 **Directions:** Which of the following terms will replace the question mark (?) in the given series?
MPKL, NRLN, OTMP, PVNR, ?

Option 1:
QXOT

Option 2:
QXPT

Option 3:
QYPT

Option 4:
QXPU

Correct Answer:
QXOT

Solution:
Given:
MPKL, NRLN, OTMP, PVNR,?

In the above-given series, add 1 to the place value of the first and third letters, and 2 to the place value of the second and fourth letters to get the next term.
First letter of the series – M + 1 = N; N + 1 = O; O + 1 = P; P + 1 = Q
Second letter of the series – P + 2 = R; R + 2 = T; T + 2 = V; V + 2 = X
Third letter of the series – K + 1 = L; L + 1 = M; M + 1 = N; N + 1 = O
Fourth letter of the series – L + 2 = N; N + 2 = P; P + 2 = R; R + 2 = T

So, QXOT is the missing term of the series. Hence, the **first option** is correct.

Q. 100 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
206, 221, 251, 296, ?, 431

Option 1:
326

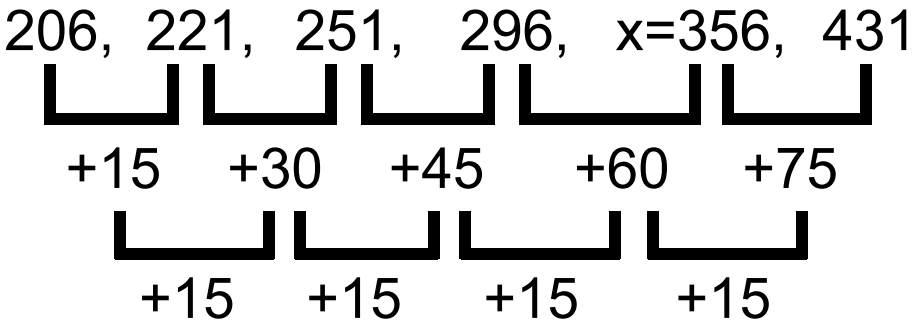
Option 2:
356

Option 3:
311

Option 4:
341

Correct Answer:
356

Solution:
Given:
206, 221, 251, 296, ?, 431



So, 356 is the missing term of the series. Hence, the **second option** is correct.

Q. 101 **Directions:** In the following question a series is given, with one/two terms missing. Choose the correct alternative from the given ones that will complete the series.
6, 6, 10, 11, 14, 16, 18, ?

Option 1:
23

Option 2:
19

Option 3:
21

Option 4:
20

Correct Answer:
21

Solution:
Given:
6, 6, 10, 11, 14, 16, 18, ?

Add 4 and 5 alternatively to the alternate terms to get the next term in the series.
6 + 4 = 10; 6 + 5 = 11; 10 + 4 = 14; 11 + 5 = 16; 14 + 4 = 18; 16 + 5 = 21

So, 21 is the missing term of the given series. Hence, the **third option** is correct.

Q. 102

Directions: In the following question a series is given, with one/two terms missing. Choose the correct alternative from the given ones that will complete the series.
4, 6, 8, 12, 14, 18, 20, 24, 30, ?, ?

Option 1:
32, 34

Option 2:
34, 36

Option 3:
32, 38

Option 4:
32, 33

Correct Answer:
32, 38

Solution:
Given:
4, 6, 8, 12, 14, 18, 20, 24, 30, ?, ?

Add 1 to the consecutive prime numbers to get the terms of the given series.
3 + 1 = 4; 5 + 1 = 6; 7 + 1 = 8; 11 + 1 = 12; 13 + 1 = 14; 17 + 1 = 18; 19 + 1 = 20; 23 + 1 = 24; 29 + 1 = 30
The next prime numbers are 31, 37. Thus, the next terms→31 + 1 = 32; 37 + 1 = 38

So, 32 and 38 are the missing terms of the given series. Hence, the **third option** is correct.

Q. 103

Directions: In the following question a series is given, with one or more numbers missing. Choose the correct alternative from the given ones that will complete the series.
0.2, 0.16, 0.072, 0.0256, ?

Option 1:
0.0016

Option 2:
0.004

Option 3:
0.00512

Option 4:
0.008

Correct Answer:
0.008

Solution:
Given:
0.2, 0.16, 0.072, 0.0256, ?

Each term in the series is formed by multiplying 2, 2 raise to power natural numbers (which will increase in each term by 1), and a square of consecutive natural numbers. The resultant will then be divided by 10, 100, 1000, and so on.
$2 = (2 \times 2^0 \times 1^2) \div 10$
$0.16 = (2 \times 2^1 \times 2^2) \div 100$
$0.072 = (2 \times 2^2 \times 3^2) \div 1000$
$0.0256 = (2 \times 2^3 \times 4^2) \div 10000$

Thus, the next number will be $(2 \times 2^4 \times 5^2) \div 100000 = 800 \div 100000 = 0.008$

So, 0.008 is the missing term of the given series. Hence, the **fourth option** is correct.

Q. 104 **Directions:** In the following question a series is given, with one or more number(s) missing. Choose the correct alternative from the given ones that will complete the series.
7, 51, 8, 65, 9, ?

Option 1:
79

Option 2:
80

Option 3:
81

Option 4:
82

Correct Answer:
81

Solution:
Given:
7, 51, 8, 65, 9, ?

Add 1 to the numbers at odd positions to get the next term at the odd position –
7 + 1 = 8; 8 + 1 = 9
Square the previous term and add natural numbers starting from 2 in decreasing order to get the numbers at the even position –
$51 \rightarrow 7^2 + 2 = 51$
$65 \rightarrow 8^2 + 1 = 65$
Thus, the missing number will be $9^2 + 0 = 81$.

So, 81 is the missing number of the series. Hence, the **third option** is correct.

Q. 105 **Directions:** In the following question a series is given, with one or more number(s) missing. Choose the correct alternative from the given ones that will complete the series.
?, 5, 30, 186, 1309, 10480

Option 1:
0.25

Option 2:
0.75

Option 3:
1.00

Option 4:
0

Correct Answer:
0.25

Solution:
Given:
?, 5, 30, 186, 1309, 10480

Multiply and add the sequential natural numbers to the previous term of the series –
(5 × 5) + 5 = 25 + 5 = 30
(30 × 6) + 6 = 180 + 6 = 186
(186 × 7) + 7 = 1302 + 7 = 1309
(1309 × 8) + 8 = 10472 + 8 = 10480
Similarly, (? × 4) + 4 = 5→(? × 4) = 1→(?) = 0.25

So, 0.25 is the missing term of the given series. Hence, the **first option** is correct.

Q. 106 **Directions:** In the following question a series is given, with one or more number(s) missing. Choose the correct alternative from the given ones that will complete the series.
22, 22, 23, 20, 16, 17, 17, ?, ?, 8

Option 1:
18, 9

Option 2:
12, 13

Option 3:
10, 9

Option 4:
13, 10

Correct Answer:
13, 10

Solution:
Given:
22, 22, 23, 20, 16, 17, 17, ?, ?, 8

Odd position terms – The series follows a pattern of +1, –7, +1, –7, and so on.
22 + 1 = 23; 23 – 7 = 16; 16 + 1 = 17; 17 – 7 = 10
Even position terms – The series follows a pattern of –2, –3, –4, and so on.
22 – 2 = 20; 20 – 3 = 17; 17 – 4 = 13

So, the two missing terms are 13 and 10. Hence, the **fourth option** is correct.

Q. 107 **Directions:** In the following question a series is given, with one number missing. Select the missing number from the given series.
1, 4, 15, 64, ?

Option 1:
285

Option 2:
315

Option 3:
325

Option 4:
375

Correct Answer:
325

Solution:
Given:
1, 4, 15, 64, ?

Multiply and add the natural numbers starting from 2 to the previous term to get the next term of the series –
(1 × 2) + 2 = 4; (4 × 3) + 3 = 15; (15 × 4) + 4 = 64; (64 × 5) + 5 = 325

So, 325 is the missing term of the given series. Hence, the **third option** is correct.

Q. 108 **Directions:** In the following question a series is given, with one number missing. Select the missing number from the given series.
1, 1, 3, 4, 5, 9, 7, 16, 9, 25, 11, ?

Option 1:
17

Option 2:
36

Option 3:
49

Option 4:
37

Correct Answer:
36

Solution:
Given:
1, 1, 3, 4, 5, 9, 7, 16, 9, 25, 11, ?

Odd position terms→Add 2 to the odd positioned number, to get the next term of the series.
1 + 2 = 3; 3 + 2 = 5; 5 + 2 = 7; 7 + 2 = 9; 9 + 2 = 11
Even position terms→Perfect squares of consecutive natural numbers.
$1^2 = 1$; $2^2 = 4$; $3^2 = 9$; $4^2 = 16$; $5^2 = 25$; $6^2 = 36$

So, the required missing term in the series is 36. Hence, the **second option** is correct.

Q. 109

Directions: In the following question a series is given, with one number missing. Select the missing number from the given series.
?, 5, 15, 45, 113

Option 1:
1

Option 2:
2

Option 3:
3

Option 4:
4

Correct Answer:
3

Solution:
Given:
?, 5, 15, 45, 113

Add natural numbers starting from 1 and their cube to get the next term of the series –
$? + \{(1)^3 + 1\} = ? - \{1 + 1\} = 5 - 2 = 3$
$5 + \{(2)^3 + 2\} = 5 + \{8 + 2\} = 15$
$15 + \{(3)^3 + 3\} = 15 + \{27 + 3\} = 45$
$45 + \{(4)^3 + 4\} = 45 + \{64 + 4\} = 113$

So, the required missing term is 3. Hence, the **third option** is correct.

Q. 110 **Directions:** In the following question a series is given, with one number missing. Select the missing number from the given series.
1, 8, 29, 92, 281, ?

Option 1:
567

Option 2:
628

Option 3:
776

Option 4:
848

Correct Answer:
848

Solution:
Given:
1, 8, 29, 92, 281, ?

Multiply 7 with 3 raised to a power (which will increase with each term) and add it to the previous term to get the next term of the series –
$1 + (7 \times 3^0) = 1 + (7 \times 1) = 1 + 7 = 8$
$8 + (7 \times 3^1) = 8 + (7 \times 3) = 8 + 21 = 29$
$29 + (7 \times 3^2) = 29 + (7 \times 9) = 29 + 63 = 92$
$92 + (7 \times 3^3) = 92 + (7 \times 27) = 92 + 189 = 281$
$281 + (7 \times 3^4) = 28 + (7 \times 81) = 281 + 567 = 848$

So, the next term is 848. Hence, the **fourth option** is correct.

Q. 111

Directions: In the following question a series is given, with one number missing. Select the missing number from the given series.
2, 7, 22, 67, ?

Option 1:
197

Option 2:
198

Option 3:
200

Option 4:
202

Correct Answer:
202

Solution:
Given:
2, 7, 22, 67, ?

Multiply the difference of two consecutive terms by 3 and add the resultant to the next term, to get the missing term of the series –
2 + 5 = 7
7 + (5 × 3) = 7 + 15 = 22
22 + (15 × 3) = 22 + 45 = 67
67 + (45 × 3) = 67 + 135 = 202

So, 202 is the missing term in the series. Hence, the **fourth option** is correct.

Q. 112 **Directions:** In the following question a series is given, with one number missing. Select the missing number from the given series.
283, 94, 31, 10, ?

Option 1:
3

Option 2:
4

Option 3:
5

Option 4:
7

Correct Answer:
3

Solution:
Given:
283, 94, 31, 10, ?

Subtract 1 from the previous term and then divide the resultant by 3 to get the next term of the series –
(283 – 1) ÷ 3 = 282 ÷ 3 = 94

(94 – 1) ÷ 3 = 93 ÷ 3 = 31

(31 – 1) ÷ 3 = 30 ÷ 3 = 10

(10 – 1) ÷ 3 = 9 ÷ 3 = 3

So, 3 is the missing term of the series. Hence, the **first option** is correct.

Q. 113 **Directions:** In the following question a series is given, with one number missing. Select the missing number from the given series.
2, 3, 7, 22, 155, ?

Option 1:
1701

Option 2:
1711

Option 3:
3410

Option 4:
3411

Correct Answer:
3411

Solution:
Given:
2, 3, 7, 22, 155, ?

Multiply the previous two terms and add 1 to the resultant to get the next term of the series –
(3 × 2) + 1 = 7; (7 × 3) + 1 = 22; (22 × 7) + 1 = 155; (155 × 22) + 1 = 3411

So, 3411 is the missing term of the given series. Hence, the **fourth option** is correct.

Q. 114

Directions: In the following question a series is given, with one number missing. select the missing number from the given alternatives.
84, 42, 28, 21, ?

Option 1:
10.5

Option 2:
16.8

Option 3:
18.4

Option 4:
19.6

Correct Answer:
16.8

Solution:
Given:
84, 42, 28, 21, ?

Let's apply the pattern –
84 ÷ (1 + $\frac{1}{1}$) = 42; 42 ÷ (1 + $\frac{1}{2}$) = 28; 28 ÷ (1 + $\frac{1}{3}$) = 21; 21 ÷ (1 + $\frac{1}{4}$) = 16.8

So, 16.8 is the missing term in the series. Hence, the **second option** is correct.

Q. 115 **Directions:** In the following question a series is given, with one number missing. Select the missing number from the given alternatives.
2.2, 14.8, 40, 90.4, ?

Option 1:
191.2

Option 2:
194.4

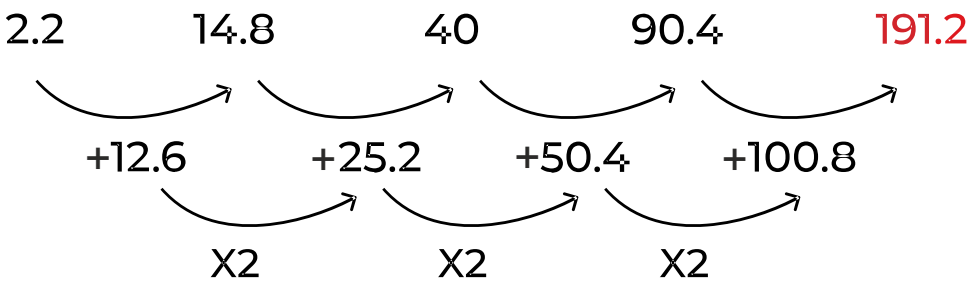
Option 3:
196.2

Option 4:
208.4

Correct Answer:
191.2

Solution:
Given:
2.2, 14.8, 40, 90.4, ?

The pattern followed here is –



So, 191.2 is the missing number of the given series. Hence, the **first option** is correct.

Q. 116 **Directions:** In the following question a series is given, with one number missing. select the missing number from the given alternatives.
4, 16, 36, 64, ?

Option 1:
81

Option 2:
121

Option 3:
100

Option 4:
729

Correct Answer:
100

Solution:
Given:
4, 16, 36, 64,?

Each term is obtained by the squaring of consecutive even numbers –
$2^2 = 4$; $4^2 = 16$; $6^2 = 36$; $8^2 = 64$; $10^2 = 100$

So, 100 is the missing term in the series. Hence, the **third option** is correct.

Q. 117

Directions: In the following question a series is given, with one number missing. Select the missing number from the given alternatives.
14, 29, 60, 123, ?

Option 1:
210

Option 2:
250

Option 3:
196

Option 4:
158

Correct Answer:
250

Solution:
Given:
14, 29, 60, 123,?

Multiply the previous term by 2 and then add consecutive natural numbers to obtain the next term in the series –
14 × 2 + 1 = 29
29 × 2 + 2 = 60
60 × 2 + 3 = 123
123 × 2 + 4 = 250

So, 250 is the missing term of the series. Hence, the **second option** is correct.

Q. 118 **Directions:** In the following question, a series is given with two terms missing. Choose the correct alternative from the given ones that will complete the series.
6, 2, 9, 4, 12, ?, ?

Option 1:
8, 24

Option 2:
13, 15

Option 3:
4, 13

Option 4:
6, 15

Correct Answer:
6, 15

Solution:
Given:
6, 2, 9, 4, 12, ?, ?

The pattern followed is –
(I) Odd–placed terms of the series are consecutive multiples of 3→6, 9, 12, 15
(II) Even–placed terms of the series terms are consecutive multiples of 2→2, 4, 6

So, the missing terms of the series are 6 and 15. Hence, the **fourth option** is correct.

Q. 119 **Directions:** In the following question, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
–1, 0, 3, 8, 15, ?

Option 1:
25

Option 2:
26

Option 3:
23

Option 4:
24

Correct Answer:
24

Solution:
Given:
–1, 0, 3, 8, 15, ?

Add consecutive odd numbers to the given terms in the series.
–1 + 1 = 0; 0 + 3 = 3; 3 + 5 = 8; 8 + 7 = 15; 15 + 9 = 24

So, the missing term of the series is 24. Hence, the **fourth option** is correct.

Q. 120

Directions: In the following question, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
1001, 1004, 1012, 1027, ?

Option 1:
1051

Option 2:
1050

Option 3:
1048

Option 4:
1036

Correct Answer:
1051

Solution:
Given:
1001, 1004, 1012, 1027, ?

The difference between the terms is increasing by consecutive odd numbers.
1001 + 3 = 1004
1004 + (3 + 5) = 1004 + 8 = 1012
1012 + (8 + 7) = 1012 + 15 = 1027
1027 + (15 + 9) = 1027 + 24 = 1051

So, 1051 is the missing term of the series. Hence, the **first option** is correct.

Q. 121

Directions: In the following question, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
8, 13, 18, 23, ?, 33, 38

Option 1:
28

Option 2:
23

Option 3:
26

Option 4:
33

Correct Answer:
28

Solution:
Given:
8, 13, 18, 23, ?, 33, 38

Add 5 to each term of the given series to get the next term –
8 + 5 = 13; 13 + 5 = 18; 18 + 5 = 23; 23 + 5 = 28; 28 + 5 = 33; 33 + 5 = 38

So, 28 is the missing term of the series. Hence, the **first option** is correct.

Q. 122

Directions: In the following question, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

8, 24, ?, 80, 120

Option 1:
48

Option 2:
40

Option 3:
54

Option 4:
72

Correct Answer:
48

Solution:

Given:

8, 24, ?, 80, 120

Add the consecutive multiples of 8, to get the next number of the series.
8 + (8 × 2) = 8 + 16 = 24
24 + (8 × 3) = 24 + 24 = 48
48 + (8 × 4) = 48 + 32 = 80
80 + (8 × 5) = 80 + 40 = 120

So, 48 is the missing term of the series. Hence, the **first option** is correct.

Q. 123

Directions: In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
1, 5, 21, 57, ?, 221

Option 1:
96

Option 2:
108

Option 3:
121

Option 4:
126

Correct Answer:
121

Solution:
Given:
1, 5, 21, 57, ?, 221

Add the square of the consecutive even numbers to the previous term to obtain the next term.
$1 + 2^2 = 5$, $5 + 4^2 = 21$, $21 + 6^2 = 57$, $57 + 8^2 = 121$, $121 + 10^2 = 221$

So, 121 is the missing term in the given series. Hence, the **third option** is correct.

Q. 124

Directions: In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
720, 180, 176, 44, 40, 10, ?, ?

Option 1:
6, 2

Option 2:
4, 2

Option 3:
6, 4

Option 4:
8, 6

Correct Answer:
6, 2

Solution:
Given:
720, 180, 176, 44, 40, 10, ?, ?

Divide and subtract 4 alternately from the previous term to obtain the missing term.
720 ÷ 4 = 180, 180 – 4 = 176, 176 ÷ 4 = 44, 44 – 4 = 40, 40 ÷ 4 = 10, 10 – 4 = 6, 6 ÷ 4 = 1.5 ≈ 2

So, 6, 2 is the missing term in the given series. Hence, the **first option** is correct.

Q. 125 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
5, 10, 20, 40, 80, ?

Option 1:
120

Option 2:
140

Option 3:
150

Option 4:
160

Correct Answer:
160

Solution:
Given:
5, 10, 20, 40, 80, ?

In the above-given series, multiply the previous term by 2 to obtain the next term.
5 × 2 = 10, 10 × 2 = 20, 20 × 2 = 40, 40 × 2 = 80, 80 × 2 = 160

So, 160 is the missing term in the given series. Hence, the **fourth option** is correct.

Q. 126 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
5, 8, 16, 19, 38, 41, ?

Option 1:
80

Option 2:
40

Option 3:
82

Option 4:
44

Correct Answer:
82

Solution:
Given:
5, 8, 16, 19, 38, 41, ?

In the above-given series, add 3 and multiply by 2 alternately to obtain the next term.
5 + 3 = 8, 8 × 2 = 16, 16 + 3 = 19,19 × 2 = 38, 38 + 3 = 41, 41 × 2 = 82

So, 82 is the missing term in the given series. Hence, the **third option** is correct.

Q. 127 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
826, 480, 346, 134, ?

Option 1:
61

Option 2:
212

Option 3:
126

Option 4:
83

Correct Answer:
212

Solution:
Given:
826, 480, 346, 134, ?

In the above-given series, subtract the first two numbers to obtain the third number, then subtract the second and third numbers to obtain the fourth number, and so on.

826 – 480 = 346, 480 – 346 = 134, 346 – 134 = 212

So, 212 is the missing term in the given series. Hence, the **second option** is correct.

Q. 128 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
78, 155, 309, ?, 1233

Option 1:
1230

Option 2:
1000

Option 3:
617

Option 4:
625

Correct Answer:
617

Solution:
Given:
78, 155, 309, ?, 1233

In the above-given series, multiply the number by 2 and then subtract 1.
(78 × 2) – 1 = 156 – 1 = 155;
(155 × 2) – 1 = 310 – 1 = 309;
(309 × 2) – 1 = 618 – 1 = 617;
(617 × 2) – 1 = 1234 – 1 = 1233

So, 617 is the missing term in the given series. Hence, the **third option** is correct.

Q. 129

Directions: In the following question a series is given, with one or more number(s) / alphabet missing. Choose the correct alternative from the given options.
7, 10, 19, 22, 31, ?

Option 1:
32

Option 2:
34

Option 3:
36

Option 4:
44

Correct Answer:
34

Solution:
Given:
7, 10, 19, 22, 31, ?

Add 3 and 9 alternatively to get the next term –
7 + 3 = 10; 10 + 9 = 19; 19 + 3 = 22; 22 + 9 = 31
Similarly, 31 + 3 = 34

So, the missing term is 34. Hence, the **second option** is correct.

Q. 130 **Directions:** In the following question a series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.
16, 33, 53, 76, 102, ?

Option 1:
131

Option 2:
135

Option 3:
230

Option 4:
231

Correct Answer:
131

Solution:
Given:
16, 33, 53, 76, 102, ?

Let's calculate the difference between the terms of the series –
33 – 16 = 17; 53 – 33 = 20; 76 – 53 = 23; 102 – 76 = 26

So, 17, 20, 23, 26 are in A.P. with a common difference of 3. The difference between the next term and 102 will be 29.
⇒ ? – 102 = 29
⇒ ? = 29 + 102
⇒ ? = 131

So, the next term of the series is 131. Hence, the **first option** is correct.

Q. 131 **Directions:** In the following question observe the series and figure out the pattern used to form it. What will be the next term of the series?
1, 3, 6, 10, 15, ?

Option 1:
32

Option 2:
21

Option 3:
42

Option 4:
34

Correct Answer:
21

Solution:
Given:
1, 3, 6, 10, 15, ?

Add consecutive natural numbers from 2 onwards to find the next term of the series –
1 + 2 = 3; 3 + 3 = 6; 6 + 4 = 10; 10 + 5 = 15; 15 + 6 = 21

So, the next term of the series is 21. Hence, the **second option** is correct.

Q. 132 **Directions:** In the following question observe the series and figure out the pattern used to form it. What will be the 3rd term of the series?
1, 5, ?, 22, 35

Option 1:
11

Option 2:
14

Option 3:
10

Option 4:
12

Correct Answer:
12

Solution:
Given:
1, 5, ?, 22, 35

The difference between each consecutive term is increasing by 3 –
1 + 4 = 5
5 + (4 + 3) = 5 + 7 = 12

12 + (7 + 3) = 12 + 10 = 22
22 + (10 + 3) = 22 + 13 = 35

So, 12 is the missing term. Hence, the **fourth option** is correct.

Q. 133 **Directions:** In the following question a series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.
1, 9, 25, 49, ?

Option 1:
83

Option 2:
91

Option 3:
81

Option 4:
73

Correct Answer:
81

Solution:

Given:
1, 9, 25, 49, ?

The given numbers are the square of the odd numbers –
$1 \rightarrow (1)^2$; $9 \rightarrow (3)^2$; $25 \rightarrow (5)^2$; $49 \rightarrow (7)^2$
The next odd number is 9 and its square is 81.

So, 81 is the missing number in the given series. Hence, the **third option** is correct.

Q. 134 **Directions:** In the following question a series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.
1, 2, 2, 4, 8, 32, ?

Option 1:
128

Option 2:
198

Option 3:
256

Option 4:
312

Correct Answer:
256

Solution:
Given:
1, 2, 2, 4, 8, 32, ?

From the third term onwards, each term is the multiplication of the previous two terms in the series –
2 × 1 = 2; 2 × 2 = 4; 4 × 2 = 8; 8 × 4 = 32; 32 × 8 = 256

So, 256 is the missing term of the given series. Hence,
the **third** option is correct.

Q. 135 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
2, 3, 5, 6, 7, 9, 10, 11, 13, ?

Option 1:
12

Option 2:
15

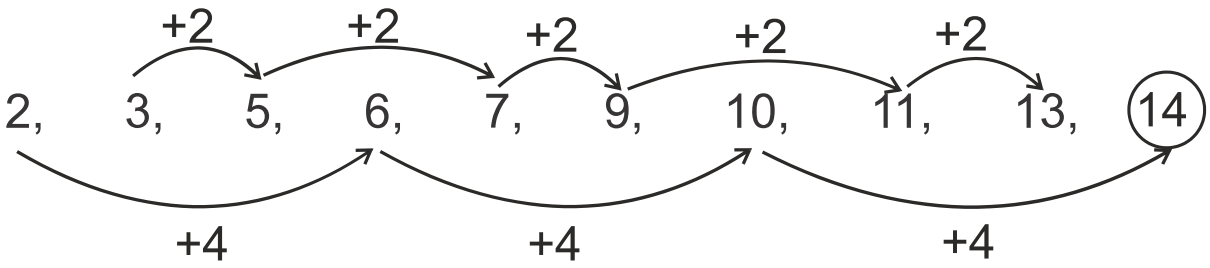
Option 3:
14

Option 4:
16

Correct Answer:
14

Solution:
Given:
2, 3, 5, 6, 7, 9, 10, 11, 13, ?

Here, the pattern is –



So, 14 is the missing term in the series. Hence, the **third option** is correct.

Q. 136 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
22, 31, 42, 55, ?, 87

Option 1:
64

Option 2:
70

Option 3:
72

Option 4:
68

Correct Answer:
70

Solution:
Given:
22, 31, 42, 55, ?, 87

Add consecutive odd numbers in increasing order starting from 9 to the previous term to obtain the next term in the series –
22 + 9 = 31; 31 + 11 = 42; 42 + 13 = 55; 55 + 15 = 70; 70 + 17 = 87

So, 70 is the missing term in the series. Hence, the **second option** is correct.

Q. 137

Directions: In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
$7\frac{1}{7}, 8\frac{2}{6}, 9\frac{5}{5}, 12\frac{2}{4}, 16\frac{2}{3}, ?$

Option 1:
$35\frac{3}{4}$

Option 2:
$16\frac{4}{4}$

Option 3:
$\frac{50}{2}$

Option 4:
$15\frac{2}{4}$

Correct Answer:
$\frac{50}{2}$

Solution:
Given:
$7\frac{1}{7}, 8\frac{2}{6}, 9\frac{5}{5}, 12\frac{2}{4}, 16\frac{2}{3}, ?$

First, convert all the mixed fractions into fractions –

$\frac{50}{7}, \frac{50}{6}, \frac{50}{5}, \frac{50}{4}, \frac{50}{3}, ?$

Here, numerators are constant and subtract 1 from the denominator to get the next missing term in the series –
7 – 1 = 6; 6 – 1 = 5; 5 – 1 = 4; 4 – 1 = 3; 3 – 1 = 2

So, the series is: $7\frac{1}{7}, 8\frac{2}{6}, 9\frac{5}{5}, 12\frac{2}{4}, 16\frac{2}{3}, \frac{50}{2}$.

So, $\frac{50}{2}$ is the missing term in the series. Hence, the **third option** is correct.

Q. 138 **Directions:** In the following question a series is given, with two terms missing. Choose the correct alternative from the given ones that will complete the series.
24, 35, 20, 31, 16, 27, ?, ?

Option 1:
12, 23

Option 2:
5, 30

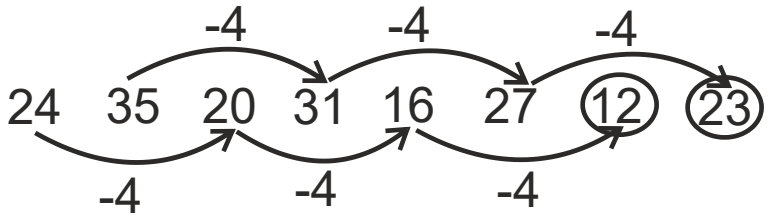
Option 3:
8, 25

Option 4:
9, 9

Correct Answer:
12, 23

Solution:
Given:
24, 35, 20, 31, 16, 27, ?, ?

Subtract 4 from each alternative number to get the required missing number –



Therefore, the missing terms are 12 and 23. Hence, the **first option** is correct.

Q. 139

Directions: In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
1, 2, 5, 26, ?

Option 1:
677

Option 2:
252

Option 3:
526

Option 4:
125

Correct Answer:
677

Solution:
Given:
1, 2, 5, 26, ?

Add 1 to the square of each previous term to obtain the next term in the series.
$1^2 + 1 = 2$; $2^2 + 1 = 5$; $5^2 + 1 = 26$; $26^2 + 1 = 677$

So, 677 is the missing term in the series. Hence, the **first option** is correct.

Q. 140 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
0, 6, 24, 60, 120, 210, ?

Option 1:
240

Option 2:
336

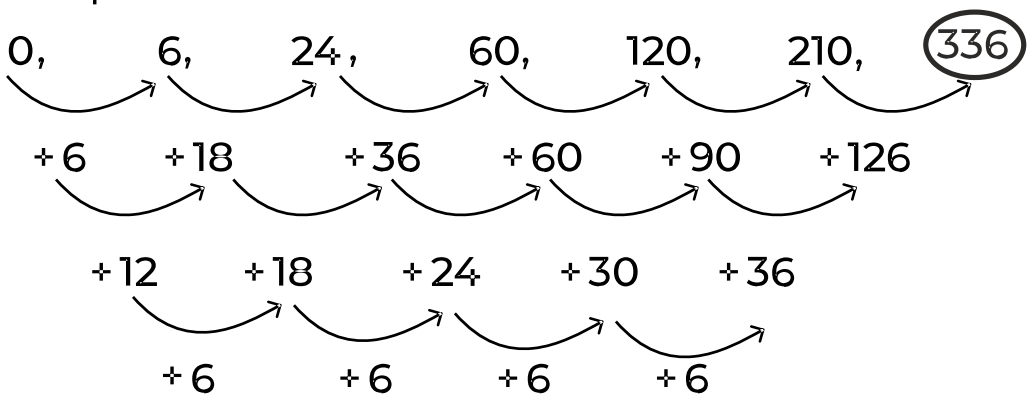
Option 3:
504

Option 4:
290

Correct Answer:
336

Solution:
Given:
0, 6, 24, 60, 120, 210, ?

The pattern followed here is –



So, 336 is the missing term in the series. Hence, the **second option** is correct.

Q. 141 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
1, 5, 13, 25, 41, 61, ?

Option 1:
85

Option 2:
77

Option 3:
81

Option 4:
91

Correct Answer:
85

Solution:
Given:
1, 5, 13, 25, 41, 61,?

In the given series, add the multiples of 4 to the previous term to obtain the next term.
1 + 4 = 5; 5 + 8 = 13; 13 + 12 = 25; 25 + 16 = 41; 41 + 20 = 61; 61 + 24 = 85

So, 85 is the required number in the given series. Hence, the **first option** is correct.

Q. 142 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
1, 16, 81, 256, 625, ?

Option 1:
1225

Option 2:
4163

Option 3:
2225

Option 4:
1296

Correct Answer:
1296

Solution:
Given:
1, 16, 81, 256, 625,?

Here, $(1)^4 = 1$; $(2)^4 = 16$; $(3)^4 = 81$; $(4)^4 = 256$; $(5)^4 = 625$; $(6)^4 = 1296$

So, the required term will be 1296. Hence, the **fourth option** is correct.

Q. 143 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
361, ?, 169, 121, 49, 25

Option 1:
196

Option 2:
256

Option 3:
324

Option 4:
289

Correct Answer:
289

Solution:
Given:
361, ?, 169, 121, 49, 25

Here, $361 = (19)^2$; $289 = (17)^2$; $169 = (13)^2$; $121 = (11)^2$; $49 = (7)^2$; $25 = (5)^2$

So, the required term is 289. Hence, the **fourth option** is correct.

Q. 144 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
127, 131, 137, 139, ?, 151, 157, 163

Option 1:
149

Option 2:
147

Option 3:
141

Option 4:
143

Correct Answer:
149

Solution:
Given:
127, 131, 137, 139, ?, 151, 157, 163

Prime numbers between 125 to 165 are –
127, 131, 137, 139, 149, 151, 157, 163

So, the required term is 149. Hence, the **first option** is correct.

Q. 145 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
1, 1, 2, 3, 5, ?, 13, 21

Option 1:
6

Option 2:
9

Option 3:
7

Option 4:
8

Correct Answer:
8

Solution:

Given:
1, 1, 2, 3, 5, ?, 13, 21

Here, add the first term to the second to obtain the third term, then add the second term to the third to obtain the fourth term, and so on.
1 + 1 = 2; 1 + 2 = 3; 2 + 3 = 5; 3 + 5 = 8; 5 + 8 = 13; 8 + 13 = 21

So, the required term is 8. Hence, the **fourth option** is correct.

Q. 146 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
7, 18, 40, 73, 117, ?

Option 1:
183

Option 2:
150

Option 3:
161

Option 4:
172

Correct Answer:
172

Solution:
Given:
7, 18, 40, 73, 117, ?

Here, add the multiples of 11 to the given term to obtain the next term.
7 + 11 = 18; 18 + 22 = 40; 40 + 33 = 73; 73 + 44 = 117; 117 + 55 = 172

So, the required term is 172. Hence, the **fourth option** is correct.

Q. 147 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
3, 5, 9, 15, 23, 33, 45, 59, ?

Option 1:
81

Option 2:
60

Option 3:
75

Option 4:
72

Correct Answer:
75

Solution:
Given:
3, 5, 9, 15, 23, 33, 45, 59, ?

Add the successive multiples of 2 to the given term to obtain the next term.
3 + 2 = 5; 5 + 4 = 9; 9 + 6 = 15; 15 + 8 = 23; 23 + 10 = 33; 33 + 12 = 45; 45 + 14 = 59; 59 + 16 = 75

So, the required term is 75. Hence, the **third option** is correct.

Q. 148 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
16, 61, 25, 52, 36, 63, 49, ?

Option 1:
94

Option 2:
36

Option 3:
46

Option 4:
72

Correct Answer:
94

Solution:
Given:
16, 61, 25, 52, 36, 63, 49, ?

The numbers at odd places are the squares of consecutive numbers (starting from 4) and the even–placed numbers are the reverse of the previous numbers.
$(4)^2 = 16$; 16→61; $(5)^2 = 25$; 25→52; $(6)^2 = 36$; 36→63; $(7)^2 = 49$; 49→94

So, the required term is 94. Hence, the **first option** is correct.

Q. 149

Directions: In the following question, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
4, 11, 17, 22, ?, 29, 31, 32

Option 1:
24

Option 2:
26

Option 3:
27

Option 4:
23

Correct Answer:
26

Solution:
Given:
4, 11, 17, 22, ?, 29, 31, 32

Add natural numbers in decreasing order (starting from 7) to each term to get the next term of the series.
4 + 7 = 11; 11 + 6 = 17; 17 + 5 = 22; 22 + 4 = 26; 26 + 3 = 29; 29 + 2 = 31; 31 + 1 = 32

So, 26 is the missing number of the series. Hence, the **second option** is correct.

Q. 150 **Directions:** In the following question, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
1, 48, 4, 24, 7, ?, 10, 2

Option 1:
8

Option 2:
2

Option 3:
18

Option 4:
12

Correct Answer:
8

Solution:
Given:
1, 48, 4, 24, 7, ?, 10, 2

Add 3 to each alternate term to get the next alternate term of the series.
1 + 3 = 4; 4 + 3 = 7; 7 + 3 = 10
Also, divide other alternate terms by the consecutive natural numbers (starting from 2) to get the next alternate term of the series.
48 ÷ 2 = 24; 24 ÷ 3 = 8; 8 ÷ 4 = 2

So, the missing term of the series is 8. Hence, the **first option** is correct.

Q. 151 **Directions:** In the following question, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
4, ?, 19, 39, 79, 159

Option 1:
10

Option 2:
8

Option 3:
12

Option 4:
9

Correct Answer:
9

Solution:
Given:
4, ?, 19, 39, 79, 159

The pattern followed here is –
4 + (5 × 1) = 4 + 5 = 9
9 + (5 × 2) = 9 + 10 = 19
19 + (5 × 4) = 19 + 20 = 39
39 + (5 × 8) = 39 + 40 = 79
79 + (5 × 16) = 79 + 80 = 159

So, 9 is the missing term of the series. Hence, the **fourth option** is correct.

Q. 152

Directions: In the following question, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.
16, 30, ?, 79, 114

Option 1:
45

Option 2:
49

Option 3:
63

Option 4:
51

Correct Answer:
51

Solution:
Given:
16, 30, ?, 79, 114

Add the consecutive multiples of 7 in the previous term to obtain the next term of the series.
16 + (7 × 2) = 16 + 14 = 30
30 + (7 × 3) = 30 + 21 = 51
51 + (7 × 4) = 51 + 28 = 79
79 + (7 × 5) = 79 + 35 = 114

So, 51 is the missing term of the series. Hence, the **fourth option** is correct.

Q. 153 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
4, 8, 16, 32, ?, 128

Option 1:
64

Option 2:
46

Option 3:
112

Option 4:
120

Correct Answer:
64

Solution:
Given:
4, 8, 16, 32, ?, 128

In the above-given series, multiply each term by 2 to obtain the next term –
4 × 2 = 8; 8 × 2 = 16; 16 × 2 = 32; 32 × 2 = 64; 64 × 2 = 128

So, 64 is the missing term of the series. Hence, the **first option** is correct.

Q. 154 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
8, 16, 28, 44, ?

Option 1:
62

Option 2:
64

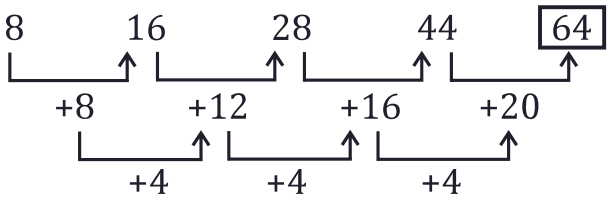
Option 3:
66

Option 4:
60

Correct Answer:
64

Solution:
Given:
8, 16, 28, 44,?

Here, the pattern is –



So, 64 is the missing term of the series. Hence, the **second option** is correct.

Q. 155 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
0, 3, 8, 15, 24, ?, 48

Option 1:
41

Option 2:
29

Option 3:
37

Option 4:
35

Correct Answer:
35

Solution:
Given:
0, 3, 8, 15, 24, ?, 48

In the above-given series, add odd numbers in increasing order starting from 3 to the previous term to get the next term of the series.
0 + 3 = 3; 3 + 5 = 8; 8 + 7 = 15; 15 + 9 = 24; 24 + 11 = 35; 35 + 13 = 48

So, 35 is the missing term of the series. Hence, the **fourth option** is correct.

Q. 156 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
3, 6, 9, 15, 24, 39, 63, ?

Option 1:
100

Option 2:
87

Option 3:
102

Option 4:
99

Correct Answer:
102

Solution:
Given:
3, 6, 9, 15, 24, 39, 63, ?

Add two consecutive terms to get the next term in the series –
3 + 6 = 9; 9 + 6 = 15; 15 + 9 = 24; 24 + 15 = 39; 39 + 24 = 63; 63 + 39 = 102

So, 102 is the missing term in the series. Hence, the **third option** is correct.

Q. 157 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
–1, 0, ?, 8, 15, 24

Option 1:
4

Option 2:
3

Option 3:
2

Option 4:
1

Correct Answer:
3

Solution:
Given:
–1, 0, ?, 8, 15, 24

Add consecutive odd numbers to the previous term to obtain the next term in the series –
–1 + 1 = 0; 0 + 3 = 3; 3 + 5 = 8; 8 + 7 = 15; 15 + 9 = 24

So, 3 is the missing term in the series. Hence, the **second option** is correct.

Q. 158 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
33, 66, 99, ?

Option 1:
133

Option 2:
130

Option 3:
131

Option 4:
132

Correct Answer:
132

Solution:
Given:
33, 66, 99, ?

In the above-given series, add 33 to the previous number to get the next number of the series.
33 + 33 = 66; 66 + 33 = 99; 99 + 33 = 132

So, 132 is the missing number of the series. Hence, the **fourth option** is correct.

Q. 159

Directions: In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
3.5, 7, 10.5, 14, ?

Option 1:
15.5

Option 2:
16.5

Option 3:
18.5

Option 4:
17.5

Correct Answer:
17.5

Solution:
Given:
3.5, 7, 10.5, 14, ?

In the above-given series, add 3.5 to the previous term to get the next term –
3.5 + 3.5 = 7; 7 + 3.5 = 10.5; 10.5 + 3.5 = 14; 14 + 3.5 = 17.5

So, 17.5 is the missing term of the series. Hence, the **fourth option** is correct.

Q. 160 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
7, 12, 19, 28, 39, ?

Option 1:
52

Option 2:
50

Option 3:
54

Option 4:
48

Correct Answer:
52

Solution:
Given:
7, 12, 19, 28, 39, ?

In the above-given series, add odd numbers in increasing order starting from 5 to the previous term to get the next term of the series.

7 + 5 = 12; 12 + 7 = 19; 19 + 9 = 28; 28 + 11 = 39; 39 + 13 = 52

So, 52 is the missing number of the series. Hence, the **first option** is correct.

Q. 161 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
1, 3, 7, 13, 21, 31, 43, ?

Option 1:
55

Option 2:
57

Option 3:
59

Option 4:
61

Correct Answer:
57

Solution:
Given:
1, 3, 7, 13, 21, 31, 43, ?

In the above-given series, add the multiples of 2 to the previous term to get the next term –
1 + 2 = 3; 3 + 4 = 7; 7 + 6 = 13; 13 + 8 = 21; 21 + 10 = 31; 31 + 12 = 43; 43 + 14 = 57

So, 57 is the missing term of the series. Hence, the **second option** is correct.

Q. 162

Directions: In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
0.5, 2, 4.5, 8, 12.5, ?

Option 1:
17

Option 2:
16

Option 3:
16.5

Option 4:
18

Correct Answer:
18

Solution:
Given:
0.5, 2, 4.5, 8, 12.5, ?

In the above-given series, add the increasing order of the number with the difference of 1, starting from 1.5 to the previous term to get the next term –
0.5 + 1.5 = 2; 2 + 2.5 = 4.5; 4.5 + 3.5 = 8; 8 + 4.5 = 12.5; 12.5 + 5.5 = 18

So, 18 is the missing term of the given series. Hence, the **fourth option** is correct.

Q. 163

Directions: In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
3, 6, 18, 21, 63, 66, ?

Option 1:
181

Option 2:
160

Option 3:
147

Option 4:
198

Correct Answer:
198

Solution:
Given:
3, 6, 18, 21, 63, 66, ?

In the above-given series, add and multiply 3 alternatively to the previous term to get the next term –
3 + 3 = 6; 6 × 3 = 18; 18 + 3 = 21; 21 × 3 = 63; 63 + 3 = 66; 66 × 3 = 198

So, 198 is the missing term of the series. Hence, the **fourth option** is correct.

Q. 164 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
510, 322, 404, ?

Option 1:
422

Option 2:
371

Option 3:
629

Option 4:
819

Correct Answer:
422

Solution:
Given:
510, 322, 404, ?

In the above-given series, all numbers are even, therefore, the next number will also be even.
Let's check the options –
First option: 422; 422 is an even number.
Second option: 371; 371 is an odd number.
Third option: 629; 629 is an odd number.
Fourth option: 819; 819 is an odd number.

So, 422 is the missing number in the series. Hence, the **first option** is correct.

Q. 165 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
7, 16, 27, 40, 55, ?

Option 1:
70

Option 2:
72

Option 3:
81

Option 4:
66

Correct Answer:
72

Solution:
Given:
7, 16, 27, 40, 55, ?

Add consecutive odd numbers starting from 9 in each number, to get the next number in the series –
7 + 9 = 16; 16 + 11 = 27; 27 + 13 = 40; 40 + 15 = 55; 55 + 17 = 72

So, the missing number is 72. Hence, the **second option** is correct.

Q. 166 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
720, 720, 360, 120, 30, 6, ___?

Option 1:
1

Option 2:
2

Option 3:
3

Option 4:
5

Correct Answer:
1

Solution:
Given:
720, 720, 360, 120, 30, 6, ___?

Divide the number by consecutive natural numbers starting from one to get the next number.
720 ÷ 1 = 720, 720 ÷ 2 = 360, 360 ÷ 3 = 120, 120 ÷ 4 = 30, 30 ÷ 5 = 6, 6 ÷ 6 = 1

So, the required missing term is 1. Hence, the **first option** is correct.

Q. 167 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
56, 42, 30, 20, ?, 6

Option 1:
15

Option 2:
12

Option 3:
18

Option 4:
14

Correct Answer:
12

Solution:

Given:
56, 42, 30, 20, ?, 6

Subtract consecutive even numbers in decreasing order starting from 14 to get the next number in the series.
56 – 14 = 42, 42 – 12 = 30, 30 – 10 = 20, 20 – 8 = 12, 12 – 6 = 6

So, the required missing number is 12. Hence the **second option** is correct.

Q. 168 **Directions:** In the following question a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
1, 6, 15, ?, 45, 66, 91

Option 1:
25

Option 2:
26

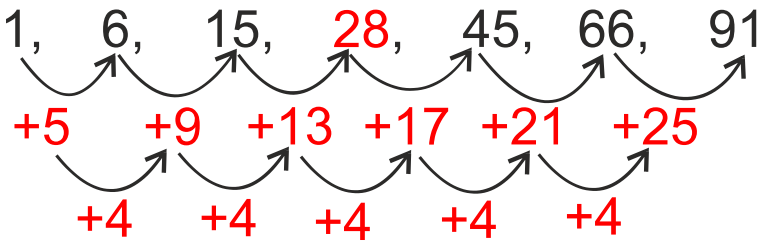
Option 3:
27

Option 4:
28

Correct Answer:
28

Solution:
Given:
1, 6, 15, ?, 45, 66, 91

The pattern is as follows–



So, the required missing number is 28. Hence the **fourth option** is correct.

Q. 169 **Directions:** Which of the following numbers will replace the question mark (?) in the given series?
2, 10, 40, 120, 240, ?

Option 1:
480

Option 2:
300

Option 3:
360

Option 4:
240

Correct Answer:
240

Solution:
Given:
2, 10, 40, 120, 240, ?

In the above-given series, multiply the numbers by the consecutive natural numbers (in decreasing order) –
2 × 5 = 10; 10 × 4 = 40; 40 × 3 = 120; 120 × 2 = 240; 240 × 1 = 240

So, the missing number is 240. Hence, the **fourth option** is correct.

Q. 170 **Directions:** Which number will replace the question mark (?) to complete the given series?
15, 16, 20, 29, 45, (?)

Option 1:
70

Option 2:
65

Option 3:
75

Option 4:
60

Correct Answer:
70

Solution:
Given:
15, 16, 20, 29, 45, (?)

Add the squares of the consecutive natural numbers in the previous term to get the next term.
$15 + 1^2 = 15 + 1 = 16$; $16 + 2^2 = 16 + 4 = 20$; $20 + 3^2 = 20 + 9 = 29$; $29 + 4^2 = 29 + 16 = 45$; $45 + 5^2 = 45 + 25 = 70$

So, 70 is the missing term in the series. Hence, the **first option** is correct.

Q. 171 **Directions:** Which number from among the given options can replace the question mark (?) in the following series?
6, 12, ?, 32, 36, 72

Option 1:
24

Option 2:
21

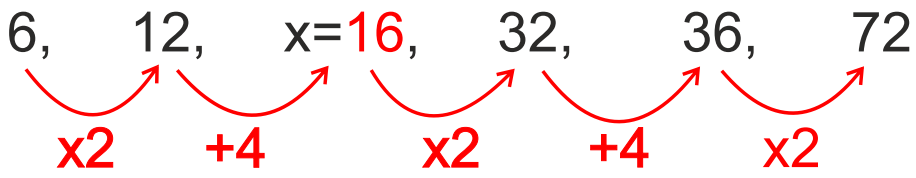
Option 3:
16

Option 4:
18

Correct Answer:
16

Solution:
Given:
6, 12, ?, 32, 36, 72

Follow the pattern to obtain the missing term –



So, 16 is the missing term in the series. Hence, the **third option** is correct.

Q. 172 **Directions:** Select the number from among the given options that can replace the question mark (?) in the following series.
–4, –1, 4, ?, 20, 31, 44

Option 1:
15

Option 2:
17

Option 3:
11

Option 4:
18

Correct Answer:
11

Solution:
Given:
–4, –1, 4, ?, 20, 31, 44

Add consecutive odd numbers in the previous term to obtain the next term.
–4 + 3 = –1; –1 + 5 = 4; 4 + 7 = 11; 11 + 9 = 20; 20 + 11 = 31; 31 + 13 =

44

So, 11 is the missing term in the series. Hence, the **third option** is correct.

Q. 173 **Directions:** What should come in place of the question mark (?) in the given series?
117, 102, (?), 57, 27

Option 1:
82

Option 2:
88

Option 3:
73

Option 4:
97

Correct Answer:
82

Solution:
Given:
117, 102, ?, 57, 27
Subtract the multiples of 5 starting from 15 from the previous term

to get the next term.
117 – 15 = 102; 102 – 20 = **82**; 82 – 25 = 57; 57 – 30 = 27

So, 82 is the missing term in the series. Hence, the **first option** is correct.

Q. 174 **Directions:** What should come in place of x in the given series?
9, 13, 21, 33, 49, x

Option 1:
67

Option 2:
71

Option 3:
65

Option 4:
69

Correct Answer:
69

Solution:
Given:
9, 13, 21, 33, 49, x

Add the consecutive multiples of 4 to each term to obtain the next term –
9 + (4 × 1) = 9 + 4 = 13;
13 + (4 × 2) = 13 + 8 = 21;
21 + (4 × 3) = 21 + 12 = 33;
33 + (4 × 4) = 33 + 16 = 49;
49 + (4 × 5) = 49 + 20 = 69

So, 69 is the missing number in the series. Hence, the **fourth option** is correct.

Q. 175 **Directions:** What should come in place of the question mark (?) in the given series?
417, 429, 443, ?, 469

Option 1:
452

Option 2:
460

Option 3:
455

Option 4:
447

Correct Answer:
455

Solution:
Given:
417, 429, 443, ?, 469

Add 12 and 14 alternatively to get the next term of the series –
417 + 12 = 429; 429 + 14 = 443; 443 + 12 = 455; 455 + 14 = 469

So, the missing number is 455. Hence, the **third option** is correct.

Q. 176 **Directions:** Select the number from among the given options that can replace the question mark (?) in the following series.
426, 423, 414, 387, 306, ?

Option 1:
62

Option 2:
64

Option 3:
65

Option 4:
63

Correct Answer:
63

Solution:
Given:
426, 423, 414, 387, 306, ?

Subtract consecutive powers of 3 from each term to get the next term of the series –
$426 - 3^1 = 426 - 3 = 423$;
$423 - 3^2 = 423 - 9 = 414$;
$414 - 3^3 = 414 - 27 = 387$;
$387 - 3^4 = 387 - 81 = 306$;
$306 - 3^5 = 306 - 243 = 63$

So, 63 is the missing number of the given series. Hence, the **fourth option** is correct.

Q. 177 **Directions:** Which of the following four options will replace the question mark (?) in the following series?
12, 36, ?, 102, 100, 300

Option 1:
68

Option 2:
34

Option 3:
52

Option 4:
76

Correct Answer:
34

Solution:
Given:
12, 36, ?, 102, 100, 300

Multiply by 3 and subtract 2 alternatively to get the next term of the series –
12 × 3 = 36; 36 – 2 = 34; 34 × 3 = 102; 102 – 2 = 100; 100 × 3 = 300

So, 34 is the missing number. Hence, the **second option** is correct.

Q. 178 **Directions:** Select the number from among the given options that can replace the question mark (?) in the following series.
20, 110, 200, 290, 380, ?

Option 1:
470

Option 2:
490

Option 3:
460

Option 4:
480

Correct Answer:
470

Solution:
Given:
20, 110, 200, 290, 380, ?

Add 90 to each number to get the next number of the series –
20 + 90 = 110; 110 + 90 = 200; 200 + 90 = 290; 290 + 90 = 380; 380 + 90 = 470

So, the missing number is 470. Hence, the **first option** is correct.

Q. 179 **Directions:** Which of the following four options will replace the question mark (?) in the following series?
149, ?, 114, 89, 59, 24

Option 1:
129

Option 2:
140

Option 3:
139

Option 4:
134

Correct Answer:
134

Solution:
Given:
149, ?, 114, 89, 59, 24

Subtract multiples of 5 starting from the third multiple to get the next term –
149 – (5 × 3) = 149 – 15 = 134;
134 – (5 × 4) = 134 – 20 = 114;
114 – (5 × 5) = 114 – 25 = 89;
89 – (5 × 6) = 89 – 30 = 59;
59 – (5 × 7) = 59 – 35 = 24

So, the missing number is 134. Hence, the **fourth option** is correct.

Q. 180 **Directions:** What should come in place of the question mark (?) in the given series?
48, 100, ?, 1232, 6170

Option 1:
306

Option 2:
280

Option 3:
304

Option 4:
214

Correct Answer:
306

Solution:
Given:
48, 100, ?, 1232, 6170

In the given series, multiply the numbers with consecutive natural numbers from 2 onwards and add consecutive even numbers from 4 onwards to find the next term.
(48 × 2) + 4 = 96 + 4 = 100;

(100 × 3) + 6 = 300 + 6 = 306;
(306 × 4) + 8 = 1224 + 8 = 1232;
(1232 × 5) + 10 = 6160 + 10 = 6170

So, the missing number is 306. Hence, the **first option** is correct.

Q. 181 **Directions:** What should replace the question mark (?) in the given series?
35, 24, ?, 8, 3, 0

Option 1:
14

Option 2:
12

Option 3:
15

Option 4:
18

Correct Answer:
15

Solution:
Given:
35, 24, ?, 8, 3, 0

Subtract odd numbers starting from 11 onwards in decreasing order to find the next term –
35 – 11 = 24; 24 – 9 = 15; 15 – 7 = 8; 8 – 5 = 3; 3 – 3 = 0

So, the missing number is 15. Hence, the **third option** is correct.

Q. 182 **Directions:** Which number will replace the question mark (?) to complete the given series?
17, 18, 20, ?, 27, 32

Option 1:
22

Option 2:
20

Option 3:
23

Option 4:
21

Correct Answer:
23

Solution:

Given:
17, 18, 20, ?, 27, 32

In the given series, add consecutive natural numbers to the previous number to get the next number –
17 + 1 = 18; 18 + 2 = 20; 20 + 3 = 23; 23 + 4 = 27; 27 + 5 = 32

So, the missing number in the series is 23. Hence, the **third option** is correct.

Q. 183 **Directions:** Which number from among the given options can replace the question mark (?) in the following series?
361, 306, ?, 208, 165, 126

Option 1:
235

Option 2:
216

Option 3:
298

Option 4:
255

Correct Answer:
255

Solution:
Given:
361, 306, ?, 208, 165, 126

Decrease the difference between the consecutive numbers by 4 and find the next term of the series –
361 – 55 = 306;
306 – (55 – 4) = 306 – 51 = 255;
255 – (51 – 4) = 255 – 47 = 208;
208 – (47 – 4) = 208 – 43 = 165;
165 – (43 – 4) = 165 – 39 = 126

So, the missing number is 255. Hence, the **fourth option** is correct.

Q. 184 **Directions:** What should come in place of the question mark (?) in the given series?
283, 308, 344, ?, 457

Option 1:
391

Option 2:
348

Option 3:
393

Option 4:
372

Correct Answer:
393

Solution:
Given:
283, 308, 344, ?, 457

In the given series, add the squares of consecutive natural numbers.
$283 + 5^2 = 283 + 25 = 308$
$308 + 6^2 = 308 + 36 = 344$
$344 + 7^2 = 344 + 49 = 393$
$393 + 8^2 = 393 + 64 = 457$

So, 393 is the missing number in the series, Hence, the **third option** is correct.

Q. 185 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series to make it logically complete?
MF99, OD109, ?, SZ129, UX139

Option 1:
PC120

Option 2:
PB109

Option 3:
QC105

Option 4:
QB119

Correct Answer:
QB119

Solution:
Given:
MF99, OD109, ?, SZ129, UX139

Add 2 to the positional value of the first letter, subtract 2 from the positional value of the second letter, and add 10 to the positional value of the third number of each term to obtain the next term in the series –
MF99→M + 2 = O; F – 2 = D; 99 + 10 = 109→OD109
OD109→O + 2 = Q; D – 2 = B; 109 + 10 = 119→QB119
QB119→Q + 2 = S; B – 2 = Z; 119 + 10 = 129→SZ129
SZ129→S + 2 = U; Z – 2 = X; 129 + 10 = 139→UX139

So, QB119 is the missing term in the series. Hence, the **fourth option** is correct.

Q. 186 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series to make it logically complete?
L17Z, ?, R22V, U29T, X27R

Option 1:
M21Y

Option 2:
N23Y

Option 3:
O24X

Option 4:
N21X

Correct Answer:
O24X

Solution:
Given:
L17Z, ?, R22V, U29T, X27R

In each term, the place value of the first letter is increasing by 3, the middle number is alternatively increasing by 7 and decreasing by 2 and the place value of the third letter is decreasing by 2.
L17Z→L + 3 = O; 17 + 7 = 24; Z – 2 = X→ O24X
O24X→O + 3 = R; 24 – 2 = 22; X – 2 = V→R22V
R22V→R + 3 = U; 22 + 7 = 29; V – 2 = T→U29T
U29T→U + 3 = X; 29 – 2 = 27; T – 2 = R→X27R

So, O24X is the missing term. Hence, the **third option** is correct.

Q. 187 **Directions:** Select the term from the given options that can replace the question mark (?) in the given series to make it logically complete.
BO 88, ?, HU 80, KX 76, NA 72

Option 1:
DS 86

Option 2:
DR 82

Option 3:
ER 84

Option 4:
ES 86

Correct Answer:
ER 84

Solution:
Given:
BO 88, ?, HU 80, KX 76, NA 72

For letter-based series –
Add 3 in the place value of the first letter and the second letter of the previous term of the given series.
BO→B + 3 = E; O + 3 = R→ER
ER→E + 3 = H; R + 3 = U→HU
HU→H + 3 = K; U + 3 = X→KX
KX→K + 3 = N; X + 3 = A→NA
For number-based series –
Subtract 4 from the previous numeric term of the given series.
88 – 4 = 84; 84 – 4 = 80; 80 – 4 = 76; 76 – 4 = 72

So, ER 84 is the missing term in the series. Hence, the **third option** is correct.

Q. 188 **Directions:** Which of the following letter clusters will replace the question mark (?) in the given series to make it logically complete?
EY 14, ?, IW 20, KV 24, MU 26

Option 1:
GY 19

Option 2:
HZ 18

Option 3:
GX 18

Option 4:
HY 19

Correct Answer:
GX 18

Solution:
Given:
EY 14, ?, IW 20, KV 24, MU 26

For letter-based series –
Add 2 in the place value of the first letter and subtract 1 from the place value of the second letter of the previous term of the given series.
EY→E + 2 = G; Y – 1 = X→GX
GX→G + 2 = I; X – 1 = W→IW
IW→I + 2 = K; W – 1 = V→,KV
KV→K + 2 = M; V – 1 = U→MU

For number-based series –
Add 4 and 2 alternately to the previous number of the given series.
14 + 4 = 18; 18 + 2 = 20; 20 + 4 = 24; 24 + 2 = 26.

So, GX 18 is the missing term in the series. Hence, the **third option** is correct.

Q. 189 **Directions:** Which term from among the given options can replace the question mark (?) in the following series to make it logically complete?
WG 12, UE 15, ?, QA 21, OY 24

Option 1:
QC 19

Option 2:
QD 17

Option 3:
SC 18

Option 4:
RD 19

Correct Answer:
SC 18

Solution:

Given:
WG 12, UE 15, ?, QA 21, OY 24

For letter-based series –
Subtract 2 from the positional value of the first letter and the second letter of the previous term of the given series.
WG→W – 2 = U; G – 2 = E→UE
UE→U – 2 = S; E – 2 = C→SC
SC→S – 2 = Q; C – 2 = A→QA
QA→Q – 2 = O; A – 2 = Y→SC
For number-based series –
Add 3 to the previous numeric term of the given series.
12 + 3 = 15; 15 + 3 = 18; 18 + 3 = 21; 21 + 3 = 24

So, SC 18 is the missing term in the series. Hence, the **third option** is correct.

Q. 190 **Directions:** In the following question, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.
4E, 8I, 13N, 19T, ?

Option 1:
26U

Option 2:
26A

Option 3:
26Z

Option 4:
25Y

Correct Answer:
26A

Solution:
Given:
4E, 8I, 13N, 19T, ?

For number-based series –
Add consecutive natural numbers to the previous numeric term of the given series.
4 + 4 = 8; 8 + 5 = 13; 13 + 6 = 19; 19 + 7 = 26
For letter-based series –
Add consecutive natural numbers to the place value of each letter of the previous term of the given series.
E→E + 4 = I; I→I + 5 = N; N→N + 6 = T; T→T + 7 = A

So, 26A is the missing term in the series. Hence, the **second option** is correct.

Q. 191 **Directions:** In the following question, a series is given, with one/two term(s) missing. Choose the correct alternative from the given ones that will complete the series.

$\frac{c}{6}, \frac{e}{10}, \frac{g}{14}, \frac{i}{18}, ?$

Option 1:

$\frac{k}{22}$

Option 2:

$\frac{k}{11}$

Option 3:

$\frac{p}{22}$

Option 4:

$\frac{p}{11}$

Correct Answer:

$\frac{k}{22}$

Solution:

Given:

$\frac{c}{6}, \frac{e}{10}, \frac{g}{14}, \frac{i}{18}, ?$

Add 2 to the place value of the letters in the numerator and 4 to the denominator to obtain the next term –

$\frac{c}{6} \rightarrow \frac{c+2}{6+4} = \frac{e}{10}$

$\frac{e}{10} \rightarrow \frac{e+2}{10+4} = \frac{g}{14}$

$\frac{g}{14} \rightarrow \frac{g+2}{14+4} = \frac{i}{18}$

$\frac{i}{18} \rightarrow \frac{i+2}{18+4} = \frac{k}{22}$

So, $\frac{k}{22}$ is the missing term in the series. Hence, the **first option** is correct

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Q. 192

Directions: Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

KP2 : PK16 :: AG3 : FB81 :: TR5 : ?

Option 1:

MY625

Option 2:

MY125

Option 3:

YM625

Option 4:
YM125

Correct Answer:
YM625

Solution:
Given:
KP2 : PK16 :: AG3 : FB81 :: TR5 : ?

Like, KP2 : PK16→K(11) + 5 = P, P(16) – 5 = K, $2^4 = 16$
And, AG3 : FB81→A(1) + 5 = F, G(7) – 5 = B, $3^4 = 81$
Similarly, follow the same pattern for TR5 : ?→T(20) + 5 = Y, R(18) – 5 = M, $5^4 = 625$

So, YM625 is related to TR5. Hence, the **third option** is correct.

Q. 193 **Directions:** In the following question, a series is given with one or more words missing. Choose the correct alternative from the given options.
Leaves, Twig, Branches, Trunk, ?

Option 1:
Soil

Option 2:
Roots

Option 3:
Fruits

Option 4:
Grass

Correct Answer:
Roots

Solution:
Given:
Leaves, Twig, Branches, Trunk, ?

1. Leaves are the smallest parts of a tree.
2. A twig is larger than leaves and can have multiple leaves attached to it.
3. The branches are larger than twigs and consist of multiple twigs and leaves.
4. The trunk is the largest part of a tree and forms the main stem from which branches, twigs, and leaves grow.

So, Roots is the missing term in the series. Hence, the **second option** is correct.

Q. 194 **Directions:** Which term from among the given options can replace the question mark (?) in the following series to make it logically complete?
AN 37, (?), EH 50, GE 58, IB 67

Option 1:
DL 42

Option 2:
DI 45

Option 3:
CK 43

Option 4:
CL 44

Correct Answer:
CK 43

Solution:
Given:
AN 37, (?), EH 50, GE 58, IB 67

For letter-based series –
Add 2 in the first letter and subtract 3 from the second letter of the previous term of the given series.
AN→A + 2 = C; N – 3 = K
CK→C + 2 = E; K – 3 = H
EH→E + 2 = G; H – 3 = E
GE→G + 2 = I; E – 3 = B
For number-based series –

Add numbers starting from 6 to 9 to the previous numeric term of the given series.
37 + 6 = 43; 43 + 7 = 50; 50 + 8 = 58; 58 + 9 = 67

So, CK 43 is the missing term in the series. Hence, the **third option** is correct.

Q. 195 **Directions:** Select the term from the given options that can replace the question mark (?) in the given series to make it logically complete.
BP 74, ?, FT 64, HV 59, JX 54

Option 1:
CS 70

Option 2:
DR 69

Option 3:
AND 68

Option 4:
EN 70

Correct Answer:
DR 69

Solution:

Given:
BP 74, ?, FT 64, HV 59, JX 54

Add 2 to both the letters and subtract 5 from the number to get the next term of the series –
BP 74→B + 2 = D; P + 2 = R; 74 – 5 = 69→DR 69
DR 69→D + 2 = F; R + 2 = T; 69 – 5 = 64→FT 64
FT 64→F + 2 = H; T + 2 = V; 64 – 5 = 59→HV 59
HV 59→H + 2 = J; V + 2 = X; 59 – 5 = 54→JX 54

So, the missing term is DR 69. Hence, the **second option** is correct.

Q. 196 **Directions:** In the following question, a series is given with one (or more) number(s)/alphabet missing. Choose the correct alternative from the given options.
J2Z, K4X, L7V, M11T, ?

Option 1:
O17R

Option 2:
N17S

Option 3:
R16N

Option 4:
N16R

Correct Answer:
N16R

Solution:
Given:
J2Z, K4X, L7V, M11T, ?

Add 1 to the place value of the first letter and add consecutive natural numbers starting from 2 to the number of the previous term respectively, and subtract 2 from the third letter to obtain the next term in the series –
J2Z→J + 1 = K; 2 + 2 = 4; Z – 2 = X→K4X
K4X→K + 1 = L; 4 + 3 = 7; X – 2 = V→L7V
L7V→L + 1 = M; 7 + 4 = 11; V – 2 = T→M11T
M11T→M + 1 = N; 11 + 5 = 16; T – 2 = R→N16R

So, N16R is the missing term of the series. Hence, the **fourth option** is correct.