Series

Self-Evaluation Test

1. **Find the missing term in the series given below.**
    L N P R T?
    (a) U   (b) V
    (c) W   (d) Y
    (e) None of these

2. **Find the missing term in the series given below.**
    D Q G O J M?
    (a) K   (b) P
    (c) M   (d) L
    (e) None of these

3. **Select one alternative out of the five alternatives to complete the series given below.**
    JE, LH, OL, SQ, ?
    (a) WV   (b) WX
    (c) VW   (d) XW
    (e) None of these

4. **Select one alternative out of the five alternatives to complete the series given below.**
    AZ, GT, MN, ?, YB
    (a) KF   (b) TS
    (c) RX   (d) SH
    (e) None of these

5. **Find the missing term in the following series from the given alternatives**
    ZTW, YSV, XRU,?
    (a) WTQ   (b) QJW
    (c) WQT   (d) WQS
    (e) None of these

6. **Find the missing term in the following series from the given alternatives.**
    RGS, SRG, GSR?
    (a) GRG   (b) SRS
    (c) RGS   (d) SRG
    (e) None of these

7. **Find the missing term in the following series from the given alternatives.**
    RMS, MSR, SRM, ?
    (a) MES   (b) SOR
    (c) RIM   (d) RMS
    (e) None of these

8. **Find the missing term in the following series from the given alternatives.**
    MFJ, PIM, TMQ,?
    (a) YRV   (b) XRV
    (c) WVR   (d) VYR
    (e) None of these

9. **Find the missing term in the following series from the given alternatives.**
    QYK, ?, ISG, EPE
    (a) NWJ   (b) MVI
    (c) NVI   (d) MVJ
    (e) None of these

10. **In the given series, some letters are missing. Select the correct alternative**
    a _ ab _ ab _ bc _ ba _ cab
    (a) a c a b a   (b) b a c a b
    (c) b c a b c   (d) b c a a b
    (e) None of these

11. **In the given series, some letters are missing. Select the correct alternate**
    ab _ cc _ abb _ cc _ bb _ cc
    (a) b c c a c   (b) a b c a c
    (c) b a c b c   (d) a b c b c
    (e) None of these

12. **In the given series, some letters are missing. Select the correct alternative.**
    n _ mnp _ _ p _ npmn _ mnp
    (a) p m n p m   (b) p m n p p
    (c) p m n m p   (d) p n p m n
    (e) None of these

13. **In the following series one term is missing. Select the option which completes the series.**
    2, 3, 6,15, 42,?
    (a) 48   (b) 123
    (c) 94   (d) 60
    (e) None of these

14. **Find the missing term in the following series from the given alternatives,**
    19, 23, 26, 30, 33, ?
    (a) 31   (b) 35
    (c) 37   (d) 39
    (e) None of these

15. **Find the missing term in the following series from the given alternatives.**
    1, 3, 7, 13, 21,?
    (a) 27   (b) 29
    (c) 31   (d) 33
    (e) None of these

16. **Find the missing term in the following series from the given alternatives.**
2, 4, 8, 3, 9, 27, 4, 16,?
(a) 64   (b) 32
(c) 48   (d) 24
(e) None of these

17. **Find the missing term in the following series from the given alternatives.**
2, 11, 7, 16, 12, ?, 17, 26
(a) 21   (b) 8
(c) 11   (d) 76
(e) None of these

18. **Find the missing term in the following series from the given alternatives.**
3F, 6G, 11l, 18L,?
(a) 25N   (b) 27 P
(c) 21O   (d) 27 Q
(e) None of these

19. **Find the missing term in the following series from the given alternatives.**
E5, K11, Q17,?
(a) X20   (b) Y24
(c) V22   (d) W25
(e) None of these

20. **Which term does not fit in the following sequence?**
B0R, G3U, E3P, J7S, H9N
(a) E3P   (b) J7S
(c) H9N   (d) G3U
(e) None of these

Answer – Key

1. (B)	2. (C)	3. (D)	4. (D)	5. (C)
6. (C)	7. (D)	8. (A)	9. (B)	10. (D)
11. (A)	12. (D)	13. (B)	14. (C)	15. (C)
16. (A)	17. (A)	18. (B)	19. (C)	20. (B)

Explanation for Selected Questions

1. **Explanation**
Option (b) is correct. The series follows the + 2 pattern, i.e.,

L   N   P   R   T   V
+2   +2   +2   +2   +2
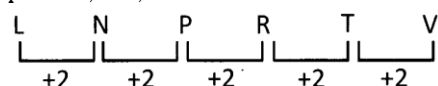
2. **Explanation**
Option (c) is correct. There are two alternate series.

D Q G O J M M
+3   +3   +3
−2   −2
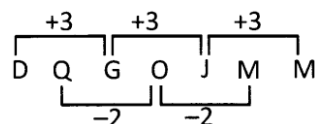
3. **Explanation**
Option (d) is correct. -

First Letter   J $\xrightarrow{+2}$ L $\xrightarrow{+3}$ O $\xrightarrow{+4}$ S $\xrightarrow{+5}$ X

Second Letter   E $\xrightarrow{+3}$ H $\xrightarrow{+4}$ L $\xrightarrow{+5}$ Q $\xrightarrow{+6}$ W

Thus, missing term is XW.

4. **Explanation**
Option (d) is correct.
The letters in one group correspond to the letters in the next group in the manner +6, -6 respectively, i.e.,

A Z   G T   M N   S H   Y B
+6   +6   +6   +6
−6   −6   −6   −6
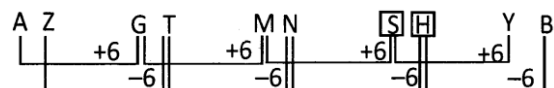
5. **Explanation**
Option (c) is correct.

First Letter   Z $\xrightarrow{-1}$ Y $\xrightarrow{-1}$ X $\xrightarrow{-1}$ W

Second Letter   T $\xrightarrow{-1}$ S $\xrightarrow{-1}$ R $\xrightarrow{-1}$ Q

Third Letter   W $\xrightarrow{-1}$ V $\xrightarrow{-1}$ U $\xrightarrow{-1}$ T
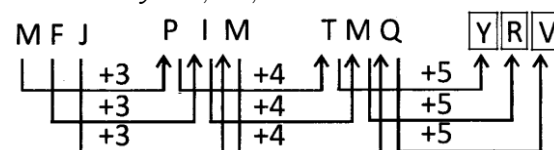
6. **Explanation**
Option (c) is correct. The last letter of each term becomes the first letter of the next term and the first two letters comes at second and third position, respectively. This ordered arrangement of three letters G, R and S suggest that the missing term will be RGS.

7. **Explanation**
Option (d) is correct. The first letter of each term becomes the last letter of next term and the second and third terms becomes first and second terms, respectively. Thus, the missing term is RMS.
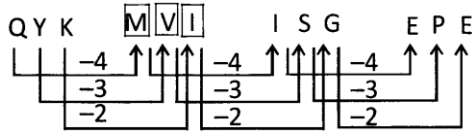
8. **Explanation**
Option (a) is the correct. From one group to the next the number of steps of moving the letters is increased by one, i.e.,

M F J   P I M   T M Q   Y R V
+3   +4   +5
+3   +4   +5
+3   +4   +5

9. **Explanation**

Option (b) is correct.

The three letters in each group are moved 4, 3 and 2 steps backward respectively, i.e.,

10. **Explanation**

Option (d) is correct, ab / abc / ab / abc / ab / abc / ab.
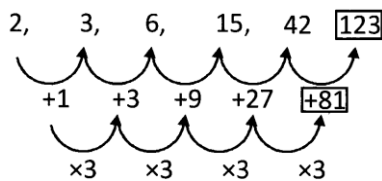
11. **Explanation**

Option (a) is correct, a b b c c c/a b b c c c/a b b c c c.

12. **Explanation**

Option (c) is correct. The block of letters npm has been repeated.

13. **Explanation**

Option (b) is correct. In this series, the differences between each two successive terms are multiplied by 3 to give the difference between next two successive terms as shown in the chart given below:

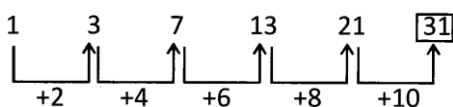Thus, the required term will be 123.

14. **Explanation**

Option (C) is correct. In the given series, the difference between two successive terms follows the order + 4, + 3, + 4, + 3 alternately as shown below in the diagram.
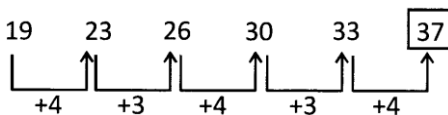
Thus, the required term is 37.
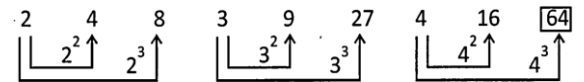
15. **Explanation**

Option (C) is correct. In this series, the difference between two successive terms is increase by +2 beginning from +2 as shown in the diagram given below:

Thus, the required term is 31.

16. **Explanation**

Option (A) is correct. In this series 3 numbers form a set. The first number is in natural order. The second number is the square of first number and the third number is the cube of first number.
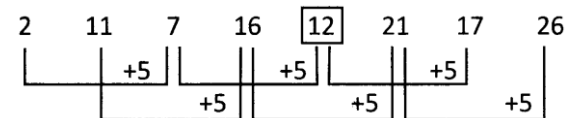

Thus, the required term is 64.

17. **Explanation**

Option (A) is correct. Here, two alternate series are present. In both series the successive term is obtained by adding 5 in the previous term.
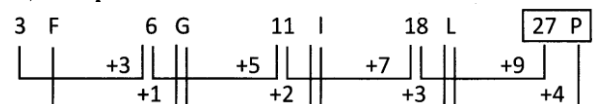
Series I: 1, 7, 12, 17
Series II: 11, 16, 21, 26

As the missing term falls in 1st series, so the missing term is 21.

18. **Explanation**

Option (B) is correct. The sequence of numbers is +3, +5, +7, +9 and the letters are moved 1, 2, 3, 4 steps forward

Thus, the missing term is 27P.

19. **Explanation**

Option (C) is correct. The series comprises of random letters and numbers indicate the position of the letter in alphabetical series.

20. **Explanation**

Option (B) is correct. The sequence of letters on the left is +5, -2 (5 steps forward, 2 steps backward) which is repeated, the sequence of letters on the right is +3, -5 (3 steps forward, 5 steps backward) which is repeated and the numbers are the sum of two preceding numbers. So J6S should be in place of J7S.