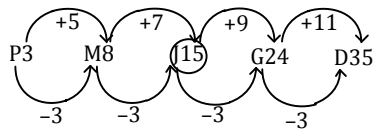


3. Ans: [d]

The pattern followed in the series is as follows.



The missing term is J15 → (d).

4. Ans: [d]

The first letter of each term is moved two steps backward and the second letter is moved three steps forward to obtain the corresponding letters of the next term. The number in each term is 3 more than that in the preceding term.

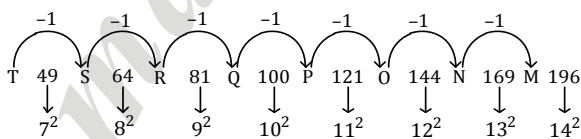
5. Ans: [c]

6. Ans: [b]

Because the letters are the same, concentrate on the number series, which is a simple 2, 3, 4, 5, 6 series, and follows each letter in order.

7. Ans: [a]

The pattern followed in the series is as follows.



The missing terms are N169 and M196 → (a).

8. Ans: [b]

The pattern followed by the letters is

First letter: G → +3 → J → +3 → M → +3 → P → +3 → S

Third letter: T → -2 → R → -2 → P → -2 → N → -2 → L

The pattern followed by the number is 4,  $4 \times 2 + 1(9)$ ,  $9 \times 2 + 2(20)$ ,  $20 \times 2 + 3(43)$ ,  $43 \times 2 + 4(90)$ .

The second number 10 is wrong and is to be replaced by 9. So, the second term J10R does not fit in the given series.

The correct second term is J9R.

Hence, the answer is (b).

9. Ans: [b]

The series pattern is aceg/aceg/aceg

So, the required answer is ecag → (b).

10. Ans: [a]

The series pattern is abba/abba/abba

So, the required answer is baab.

11. Ans: [b]

The pattern of the series is ab/ab/ab/ab/ab/ab with 'ab' repeated six times.

So, the required answer is abba → (b).

12. Ans: [a]

The pattern of the series is abc/bca/cab/abc/bca.

The letters change places in a cyclic order.

So, the required answer is abcb → (a).

13. Ans: [a]

The pattern of the series is bcca/ccab/aabb/bcca.

So, the required answer is baab → (a).

14. Ans: [a]

15. Ans: [a]

abczy/abcdxw/abcdevu

## LOGICAL REASONING

### SESSION – 8

#### ODD MAN OUT

1. Ans: [c]

2. Ans: [d]

3. Ans: [c]

4. Ans: [d]

5. Ans: [c]

6. Ans: [c]

7. Ans: [d]

8. Ans: [d]

9. Ans: [d]

The pattern of the series is shown below.

A → +2 → C → +3 → F → +4 → J

C → +2 → E → +3 → H → +4 → L

P → +2 → R → +3 → U → +4 → Y

S → +2 → U → +3 → X → +2 → Z

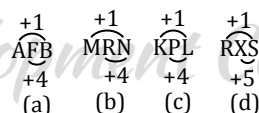
∴ SUXZ is the odd man out.

10. Ans: [b]

In all options except (b), the third and the fourth letters are reverse.

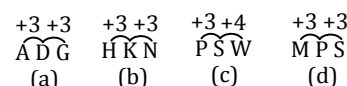
11. Ans: [d]

The pattern of the series is illustrated below,



12. Ans: [c]

The pattern if the series is illustrated below,



13. Ans: [a]

The pattern of the series is explained below, AA will be the odd one.

Since alternatively, Rank of B is 2 so, BB

Rank of D is 4 so, DDDD

and similarly, Rank of E is 5 so, EEEEE and  
since, Rank of A is 1 so, it has to be (a)

14. Ans: [d]

The pattern of the series is illustrated below,

BAK	DCM	HGQ	MNW
-1	-1	-1	+1
(a)	(b)	(c)	(d)

15. Ans: [c]

The pattern of the series is illustrated below,

DFE	PRQ	MPN	SUT
+1	+1	+2	+1
(a)	(b)	(c)	(d)

16. Ans: [c]

The pattern of the series is illustrated below,

MQ2	RV2	PS3	DM3
+4	+4	+3	+9
(a)	(b)	(c)	(d)

17. Ans: [d]

The pattern of the series is illustrated below,

DEH	CDI	KLQ	PRV
+1	+1	+1	+2
(a)	(b)	(c)	(d)

18. Ans: [c]

The pattern of the series is illustrated below,

PRQ	ACB	TUV	QSR
+1	+1	+1	+1
(a)	(b)	(c)	(d)

19. Ans: [c]

The pattern of the series is illustrated below,

+2+3+4	+2+3+4	+2+3+5	+2+3+4
F H K O	C E H L	Z B E J	X Z C G
(a)	(b)	(c)	(d)

20. Ans: [a]

All terms have common difference except for AEK.

21. Ans: [d]

The pattern of the series is shown as follows,

(a) D F K	(b) P R W	(c) E G L	(d) T V Z
1 4	1 4	1 4	1 3
GHIJ	QSTUV	FHIJK	UWXYZ

Thus, the odd one out is TVZ.

22. Ans: [d]

The pattern of the series is shown as follows,

(a) B D 2	(b) G I 2	(c) N R 4	(d) S V 2
2-4	7-9	14-18	19-22

Thus, the odd one out is SV2 because the difference between 19 and 22 is 3.

23. Ans: [d]

ADP — 1, 4, 16 {1 + 4 + 16 = 21}

QTX — 17, 20, 24 {17 + 20 + 24 = 61}

HKR — 8, 11, 18 {8 + 11 + 18 = 37}

STE — 19, 20, 5 {19 + 20 + 5 = 44}

Except "STE", other words produce odd results

24. Ans: [d]

F U → difference → 15

D W → difference → 19

C X → difference → 21

N R → difference → 4 (the difference is an even no.)

Hence, the answer is option d.

25. Ans: [d]

The pattern of the series from one letter to the other is first the succeeding letter and then the next letter to the succeeding letter.

The odd one out is BDE which does not follow the series.

Hence, the answer is option d.

26. Ans: [b]

Option a, c and d has a difference of 4 positions between the successive letters. While, option b does not fall into the pattern.

Hence, the answer is option b.

27. Ans: [c]

The pattern in three of these terms is that the difference between the first letter and the second letter is 1 while the difference between the second and the third letter is 3. Option c does not fall into this pattern.

Hence, the answer is option c.

28. Ans: [b]

Except for the term MQT, other terms are having equal difference between the successive letters. Hence, the answer is option b.

29. Ans: [d]

(a) DEB - One letter between D and B as in English alphabet

(b) FGD - One letter between D and B as in English alphabet

(c) PQN - One letter between D and B as in English alphabet

(d) TUS - S and T are consecutive letters in English alphabet

Hence, the answer is option d.

30. Ans: [a]

The pattern common to three terms is that the difference between the first two terms is 4 and the last two terms is 2. YDA is the odd one out.

Hence, the answer is option a.