

Section-C

Psychometric

(All correct answers are marked in red colour)

Job prospects for University Graduate are as follows:

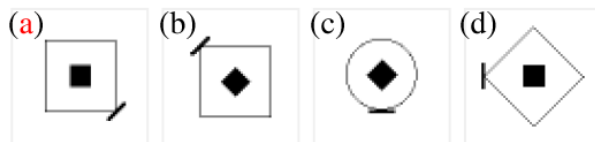
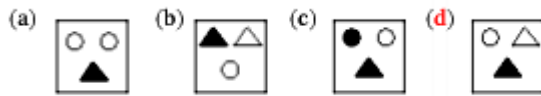
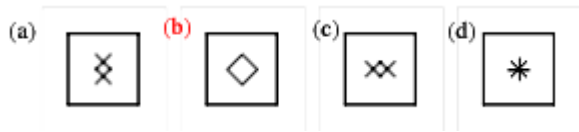
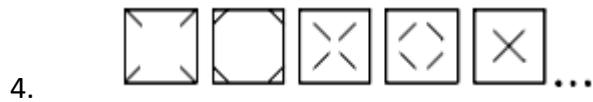
| Types of University | 1990 | | 2000 | |
|---------------------|------------|----------|------------|----------|
| | Unemployed | Employed | Unemployed | Employed |
| State | 125 | 1610 | 150 | 1250 |
| Private | 155 | 1475 | 125 | 1350 |

Answer Q1-Q3 on the basis of above table:

- How many more employed were there in 1990 than in 2000?
 - 75
 - 360
 - 485**
 - 100

- What percentage of students was unemployed in 1990?
 - 10.5 %
 - 0.8 %
 - 8.3 %**
 - 7.8 %

- What was the difference between the highest and lowest unemployment rate amongst the group of graduates?
 - 10.5 %
 - 3.5 %**
 - 4.2 %
 - 9.2 %



7. What is the next term in the following series?

1, 4, 3, 9, 5, 16, 7, 25, 9, 36, 11, ?

- A. 64 **B. 49** C. 48 D. 55

8. In a certain code **ABRACADABRA** is coded as **ZYIZXZWZYIZ**. How will the word **HOCUSPOCUS** be coded in that code language?

- (a) **SLXFHKLXFH**
 (b) SLXZHKLXFH
 (c) SLXFHKMXFH
 (d) SLXFHILXFH

9. In a certain code language **DECEMBER** is written as **RDEEBCME**. How will **FEBRUARY** be written in that code language?

(a) YFAERBRU

(b) YFREABUR

(c) YFAEBRUR

(d) YFAERUBR

10. In a certain code **SUCCESS** is written as **TWFGJYZ**. How will the word **MIRACLE** be written in that language?

(a) NKVEHRL

(b) NKUEHRL

(c) NKTEHRL

(d) None of these

11. **12** is related to **36**. In the same way as **17** is related to _____

(a) 34

(b) 76

(c) 51

(d) 63

12. In a certain code, **@** implies **DIVIDE**, ***** implies **SUBTRACT**, **\$** implies **MULTIPLY** and **#** implies **ADDITION**, then,

$$25 \$ 2 \# 9 \$ 4 @ 2 * 5 = ?$$

(a) 112

(b) 85

(c) 73

(d) 63

Answer Q.13 to Q.15 from the following paragraph:

P, T, V, R, M, D, K and W are sitting around a circular table facing the Centre. V is second to the left of T. T is fourth to the right of M. D and P are not immediate neighbors of T. D is third to the right of P. W is not an immediate neighbor of P. P is to the immediate left of K.

13. Who is second to the left of K?
- (a) P
- (b) R**
- (c) M
- (d) S
14. Who is on the immediate left of V?
- (a) D**
- (b) M
- (c) W
- (d) Data inadequate
15. Who is third to the right of V?
- (a) T
- (b) K
- (c) W
- (d) None of above**
16. What should come in the “?” place?

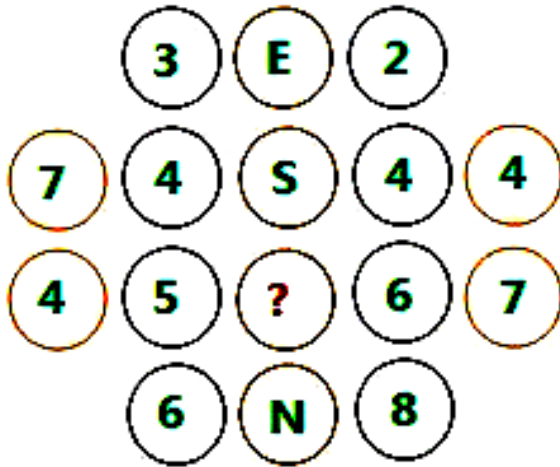
| | | | |
|----|----|----|---|
| 2 | 3 | 2 | 3 |
| 3 | 4 | 4 | 5 |
| 5 | 6 | 6 | 7 |
| 30 | 43 | 48 | ? |

- (a) 62
- (b) 63

(c) 64

(d) 65

17. What should come in the “?” place?



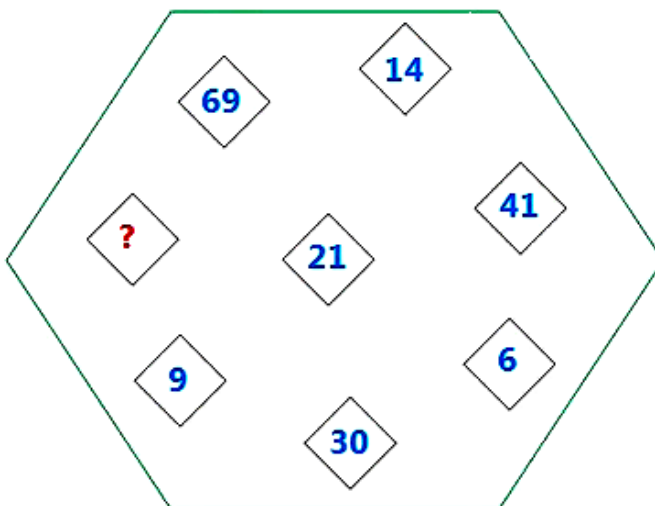
(a) T

(b) U

(c) W

(d) V

18. What should come in the “?” place?



(a) 55

(b) 54

(c) 53

(d) 52

19. Pointing towards a girl in the picture, Sunitha said, "She is the mother of Renu, whose father is my son." How is Sunitha related to that girl in the picture?

(a) Mother

(b) Aunt

(c) Mother-in-Law

(d) Cousin

20. P's father is Q's son. M is the paternal uncle of P and N is the brother of Q. How is N related to M?

(a) Brother

(b) Nephew

(c) Cousin

(d) Uncle