



Total No. of Questions: 1/30

Total No. of Pages: 04

**First Year (B.A./B.Com/BBA CA)**  
**MAT1235: OE Logical Reasoning**  
**(Semester II)**

**Program: B.A./B.Com/BBACA**  
**Program (Specific): B.A./B.Com/BBACA**  
**Class: F.Y.B.A./B.Com/BBACA**  
**Course Type: OE**

**Credits: 2**  
**Time: 2 Hours**  
**Max. Marks: 30**  
**SET: A**

**Instructions to the candidate:**

- 1) All questions are compulsory.
- 2) Only one alternative is correct.

**Name and Roll Number of the Student:**

**Exam Seat Number:-** \_\_\_\_\_

**Sign of Supervisor:**

Marks out of 30	Sign of Examiner

**Q.1 Choose the correct alternative.**

**[1 X 30 = 30 Marks]**

1) Bombay : Maharashtra : : Trivandrum : ?

- (a) Calcutta (b) Gujrat (c) Rajasthan (d) Kerala (e) Sikkim

2) Soap is related to Wash in the same way as Broom is related to

- (a) Clean (b) Dust (c) Sweep (d) Floor

3) Tobacco is related to Nerves in the same way as Alcohol is related to?

- (a) Liver (b) Liquor (c) Intoxication (d) Head

4) Pointing out to a photograph, a man tells his friend, "She is the daughter of the only son of my father's wife." How is the girl in the photograph related to the man ?

- (a) Daughter (b) Cousin (c) Mother (d) Sister (e) Niece

5) Pointing to a man, a woman said, "His mother is the only daughter of my mother." How is the woman related to the man?

- (a) Mother (b) Daughter (c) Sister (d) Grandmother (e) None of these



6) Pointing to an old man, Kailash said, "His son is my sons uncle." How is the old man related to Kailash?

- (a) Brother      (b) Uncle      (c) Father      (d) Grandfather      (e) None of these

For questions 7 to 9. Read the following information carefully and answer the questions that follow :

There are six cities A, B, C, D, E and F. A is not a hill station. B and E are not historical places. D is not an industrial city. A and D are not historical cities. A and B are not alike.

7) Which two cities are industrial centres ?

- (a) A and B      (b) E and F      (c) C and D      (d) B and F      (e) A and D

8) Which two cities are historical places ?

- (a) A and C      (b) B and F      (c) C and F      (d) B and E      (e) A and D

9) Which two cities are hill stations ?

- (a) A and B      (b) C and A      (c) B and D      (d) A and F      (e) None of these

10) I am facing east. I turn  $100^\circ$  in the clockwise direction and then  $145^\circ$  in the anticlockwise direction. Which direction am I facing now ?

- (a) East      (b) North-east      (c) North      (d) South-west

11) A man walks 1 km towards East and then he turns to South and walks 5 km. Again he turns to East and walks 2 km, after this he turns to North and walks 9 km. Now, how far is he from his starting point ?

- (a) 3 km      (b) 4 km      (c) 5 km      (d) 7km

12) If the seventh day of a month is three days earlier than Friday, what day will it be on the nineteenth day of the month ?

- (a) Sunday      (b) Monday      (c) Wednesday      (d) Friday

13) If 1st October is Sunday, then 1st November will be.?

- (a) Monday      (b) Tuesday      (c) Wednesday      (d) Thursday

14) Find the missing term in 1,4,27,16,?,36,343.

- (a) 25      (b) 87      (c)120      (d) 125



15) Find the missing term in 4,7,12,19,28,?.

- (a) 30                      (b) 36                      (c)39                      (d) 49

16) Find the next term R,U,X,A,D?.

- (a) F                      (b) G                      (c)H                      (d) I

17) Find the next term DHL, PTX, BFJ,?

- (a) CGK                      (b)KOS                      (c)NRV                      (d) RVZ

18) Find the next term Z1A, X2D, V6G, T21J, R88M, P445P, ?.

- (a) N2676S                      (b)N2676T                      (c)T3670N                      (d) T2676N.

19) D-4, F-6, H-8, J-10, ?,?.

- (a) K-12,M-13                      (b) L-12,M-14                      (c)L-12,N-14                      (d)K-12,M-14

20) Choose odd one out Ginger, Onion, Beetroot, Coriander, Potato.

- (a) Ginger                      (b) Onion                      (c) Beetroot                      (d) Coriander

21) Choose odd one out Calendar, Year, Day, Month, Date.

- (a) Calendar                      (b) Year                      (c) Day                      (d) Month

22)If ROAST is coded as PQYUR in a certain language, then how is SLOPPY be coded in that language?

- (a) MRNAQN                      (b) NRMNQA                      (c) QNMRNA                      (d) RANNMQ

23) In a certain code language, BEAT is written as YVZG, then what will be the code for MILD?

- (a) ONRW                      (b) NOWR                      (c) ONWR                      (d) NROW



24) Five children are sitting in a row. S is sitting next to P but not T. K is sitting next to R who is sitting on the extreme left and T is not sitting next to K. Who are sitting adjacent to S?

- (a) K and P      (b) R and P      (c) Only P      (d) P and T  
(e) Insufficient Information

25) Sam ranked ninth from the top and thirty-eighth from the bottom in a class. How many students are there in the class?

- (a) 45      (b) 46      (c) 47      (d) 48

26) Nitin ranks eighteenth in a class of 49 students. What is his rank from last?

- (a) 18      (b) 19      (c) 31      (d) 32

27)  $21:3::42:?$

- (a) 7      (b) 6      (c) 8      (d) 12

28)  $12:144::?:?$

- (a) 22:464      (b) 20:400      (c) 15:135      (d) 10:140

29) If B is coded as 8, F is coded as 6, Q is coded as 4, D is coded as 7, T is coded as 2, M is coded as 3 and K is coded as 5, then what is the coded form of QKTBFM?

- (a) 425783      (b) 452683      (c) 452783      (d) 472683

30) How many meaningful English words can be formed by using any two letters of the word 'NOT'?

- (a) 1      (b) 2      (c) 3      (d) More than three.