

TRAINING AND PLACEMENT CELL CEC

Aptitude Test -2

SET-1

1. In a code language, DISTANCE is written as IDTUBECN and DOCUMENT is written as ODDVNTNE. How is THURSDAY written in that language?

a) DTVSTEYA b) HTTQRYAD c) HTVSTYDA d) HTVSTYAD

2. If $a * b * c = \sqrt{(a + 2)(b + 3) / (c + 1)}$, find the value of $6 * 15 * 3$.

a) 3 b) 4 c) 6 d) 5

Directions (Questions 3 - 5) Choose the word which is most nearly the OPPOSITE in meaning as the word given

3. VIABLE

a) Rudimentary b) Practical c) Negative d) Impossible

4. INEVITABLY

a) Expectedly b) Certainly c) Mostly d) Avoidably

5. ACCORDANCE

a) Conflict b) Enmity c) Quarrel d) Division

6. Deciduous: willow

Coniferous:

a) Lime b) Spruce c) Oak d) Elm

7. By what least number 4320 be multiplied to obtain a number which is a perfect cube?

a) 4 b) 50 c) 25 d) 8

8. Find the greatest number of five digits which is exactly divisible by 47.

a) 99969 b) 99989 c) 99949 d) 99979

9. If PRATAP could be given the code number 161820116, what code number can be given to NAVIN?

a) 14122914 b) 19274651 c) 24639125 d) 73957614

10. If the animals which can walk are called swimmers, animals who can crawl are called flying, those living in water are called snakes and those which fly in the sky are called hunters, then what will a lizard be called?

a) Swimmers b) snakes c) flying d) hunters

11. If the largest three-digit number is subtracted from the smallest five-digit number, then the remainder is

a) 1 b) 9000 c) 9001 d) 90001

Directions (Questions 12 - 13) Choose the word which is most nearly the SAME in meaning as the word given

12. ARDUOUS

a) Hazardous b) Difficult c) Different d) Pleasurable

13. FORMULATE

a) Frame b) Apply c) Contemplate d) Regularize

14. The prime numbers dividing 143 and leaving a remainder of 3 in each case are

a) 2 and 11 b) 11 and 13 c) 3 and 7 d) 5 and 7

15. Sanjay said to Nitin, "That boy playing with football is the younger of the two brothers of the daughter of my father's wife." How is the boy playing football related to Sanjay?

a) Son b) brother c) cousin d) nephew

16. The direction of a pole was situated on the crossing. Due to an accident the pole turned in such a manner that the pointer which was showing east, started showing south. One traveler went in the wrong direction thinking it to be west. In what direction he was actually traveling?

a) North b) South c) east d) west

17. The sum of three prime numbers is 100. If one of them exceeds another by 36, then one of the numbers is

a) 7 b) 29 c) 41 d) 67

Directions Question(18-20): Which of the phrases (A), (B), (C) and (D) given below each sentence should replace the word/phrase printed in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given and no correction is required, mark (E) as the answer.

18. Since the girl did not want to be disturbed while studying, she left the **phone off hooks**.

a) of hook b) for the hook c) off hooking d) off the hook e) No correction required

19. Since the officer was overburdened with work, her colleague decided to **gave her hand**.

a) giving hands b) give her a hand c) giving her handful d) gave her hands
e) No correction required

20. Despite having passed out from school over ten years back, most schoolmates **has keep touch** with each other.

a) had kept in touch b) keep touched c). is keeping touch d) are kept touched
e) No correction required

21. In the following sum, '?' stands for which digit?

$$? + 1? + 2? + ? 3 + ? 1 = 21?$$

(a) 4 (b) 6 (c) 8 (d) 9

22. A bus for Delhi leaves every thirty minutes from a bus stand. An enquiry clerk told a passenger that the bus had already left 10 minutes ago and the next bus will leave at 9:35 am. At what time did the enquiry clerk give this information to the passenger?

a) 9:15 am b) 8:55 am c) 9:10 am d) 9:05

23. Find the number of zeros at the end of the result

$$3 \times 6 \times 9 \times 12 \times 15 \times \dots \times 99 \times 102.$$

(a) 4 (b) 6 (c) 7 (d) 10

24. The letters L, M, N, O, P, Q, R, S, & T in their order are substituted by 9 integers 1 to 9 but not in that order, 4 is assigned to P. The difference between P and T is 5. The difference between N and P is 3 what is the integer assigned to N?

a) 4 b) 5 c) 6 d) 7

25. Consider the following statements:

The numbers 24984, 26784 and 28584 are: (1) divisible by 3 (2) divisible by 4 (3) divisible by 9

Which of these are correct?

(a) 1 and 2 (b) 2 and 3 (c) 1 and 3 (d) 1, 2 and 3

26. If - means +, + means x, x means -, x means +

Then which of the following equations is correct?

a) $52 + 4 + 5 \times 8 - 2 = 36$ b) $43 \times 7 + 5 + 4 - 8 = 25$
c) $36 \times 4 - 12 + 5 \div 3 = 420$ d) $36 - 12 \times 6 \div 3 + 4 = 60$

27. 325325 is a six-digit number. It is divisible by

only (b) 11 only (c) 13 only (d) all 7, 11 and 13

(a) 7

Directions (28- 29): Which of the phrases (A), (B), (C) and (D) given below each sentence should replace the phrase printed in bold in the sentence to make it grammatically correct ? If the sentence is correct as it is given and no correction is required, mark (E) as the answer.

28) We have hired an advertising agency to prepare a campaign to encourage people votes.

a). Votes by people b) People to vote C) Voting for people
d) People from voting e) No correction required

29) During the training programme the new recruits will be briefed about how their role in the new organization.

a) Which are their role b) For its roles c) About their role
d) What their roles e) No correction required

30) **STATEMENT** : A devastating earthquake has ravaged the city killing hundreds of people and entering many more homeless

COURSES OF ACTION :

1. The entry of outsiders into the city should be stopped immediately.
 2. The civic administration should immediately make alternate temporary housing arrangements for the victims.
 3. The affected people should immediately be shifted to a safer place
- a) Only 1 follows b) only 2 and 3 follow
c) only 3 follows d) only either 2 or 3 follows