

JobDuniya

Placement Papers: CTS Paper 1998

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1. In a triangle ABC $AB = AC$ then all the following are correct except one. Find that.
 - a. $AB < AC + BC$
 - b. $AC < AB + BC$
 - c. $BC < AB + AC$
 - d. $AB + BC > AC + BC$

2. Ten years ago the father, s age is seven times the son, s age. Two years later father, s age is twice the son, s. Then the find the ages.

3. The father, s age is 3 times the son, s. After 15 years its age becomes twice the son, s. Find the son, s age now.

4. Two times which are started from stations A and B which are seperated by 110 km. One train leaves station A at 7 am. And travels 20 kmph. The other train leaves station B at 8 am. Will speed of 25 kmph. Then at what time will they meet if they are travelling in opposite direction.
 - a. 7 am.
 - b. 10 am.
 - c. 12 noon.
 - d. 11 am.

5. $x + 2y = 2, 2x - y = 4$ then
 - a. $x = 2$
 - b. $x = 0 \ y = 0$
 - c. $x - y = 2$
 - i. i only
 - ii. ii only
 - iii. none
 - iv. i only

6. In a family E is the father of two sons and a daughter who is unmarried. Daughter in-law is an officer whose brother_in_law A is Engineer. C is doctor. The sister of B is Violinist who learnt Violin from B, s wife. Then

7. What is the relationship between A&B (ans. Brothers) .
8. Who is the wife of B (ans. Officer)
9. What is the relation between E&B (ans. Father and son) .
10. In a word COINCIDENCE the 1st letter is interchanged with 3rd letter and 2nd letter with 4th and so on. So what is the seventh letter from the right after interchanging. Ans is D.
11. Minmise $\frac{123658}{234586} =$ (ans is 0.52)
12. A and B can do a work in 6 days. B alone can do in 16 days. After 3 days B withdraws. Then how many days can be needed by A to do the work alone.
13. Two men and Three boys can do a work in 6 days. 3 men and 5 boy can do that work in 4 days. Then 8 men and 8 boys can do in how many days.
14. 123 means LITTLE BRIGHT BOY and 435 means GIRL IS BRIGHT and 267 means LITTLE THING LLOGAL. Then LITTLE is represented by_____. Ans is 2.14 to 17 (R. S Agarwal suggested) On same relation like HELMET-HEAD then HIDE _ (BOUND ans.) ? 18to 22 Assertion and reason following (R. S Agarwal suggested) 23 to 25 Having the opposite meaning of relation given (ENGLISH) 25 TO 30 Statements 30 to 35_____Figuring NON VERBAL 36 TO 38 ... A simillarity between two figures is given. You have to find the same simillar figure from the choice. 39 to 41 ... Correction of sentences.
15. How many times a minute & hours hands will meet together in a day. Ans. 22 times.
16. In a total of 36 vehicles after one car there is one scooter. After 2nd car there will be two scooters and after 3rd car there will be 3 scooters so on. Then find the number of scooters in the right half of arrangement. Ans. 13 check.
17. All Hoopes are Dupes All fears are liars so
- All hoopes are fears
 - All dupes are liars
18. Find the statement which gives correct explanartion to the contradictory statements.
- doctor told that Drug adicts can not have their habit
 - some surveys indicate that all the drug addicts left their drug habit.
- Which is correct?
- Doctor do not know about drug addicts.
 - servays does not include every drug addict
 - Drug addiction is a bad habit.

- d. will power make people leave their habit.
19. A shop keeper selling a product for 10 % discount to the market price. But by bargaining he got 10 % profit of the cost price. Market price is 300 ₹ Find the cost price.
20. Customer needs 30 % discount. But shopkeeper give 20 % and 10 % successively. Then
- Whether customer got less profit than what he needed.
 - will he got more.
 - no loss
 - none
21. Cost price of two articles is 800. If he sells one article at $\frac{3}{4}$ th of cost price and another article at $\frac{4}{3}$ rd of cost price Then he will loss 12 ₹ Then SP of article is:
- 600,400
 - 500,400
 - 500,500
 - none
22. What is the longest four digit number which when divided by 12,17, 35 leaving same remainder 5
- 8825
 - 8725
 - 8025
 - none
23. If travels 300 meters in first two hours and next 200 mts in 3 hours and 150 meters in 2.5 hours. Find the avg speed.
- 56
 - 58
 - 50
 - 60

Ans: 60