

MINDTREE

This is mindtree paper consists of 2 sections. One is aptitude which has -ve marking .each one carries 3 marks for correct ans and -1 for wrong one. section B has no -ve marking and carries 2 marks each one. Duration is 1 hour.

1. find out the area of given shaded part in a graph?

Ans: 2

2. which one of the following is not right angle triangle?

Ans: D(9,16,12)

3. sum of the consequent 7 integers some 1613.

Find the no. of prime numbers in that sequence.

Ans: 2 (check it out)

4. total no. of players is 99 other than me. 50 plays soccer, 45 plays basket ball, 50 play valley ball. 15 play all three. How many will play only 2 games/

ans: 15 (check it out)

5. fresh mangoes have 70% of water in weight, dry mangoes 20% of water in weight. what is the weight of dry mangoes if weight of fresh mangoes is 20kg .ans(d)

a) 6.68kg b) cannot be determined c) 6.0kg d) 6.6kg

6. total 63 matches are conducted in Knockout match type. How many players will be participated in that tournament?

Ans: 64

7. find out next one.

B A C B D C E D F ?

Ans: E

8. X is min of { $n+5, 6-n$ } then what is the min of X if, $0 < n < 1$?

Ans 5.5

9. 2 can type 2 pages in 2 minutes. how many typist can type 18 pages in 6 minutes?

Ans . 6

10. Coconuts are arranged in piles in the order of 10,9,8,7,6,5,4,3,2. Hence he got shortage of 1. what is the min no. of smallest coconuts?

Ans . lcm of above - 1 = 2219 (check it out)

11. $p+q+r=0$, then what is value of $\frac{p^2}{qr} + \frac{q^2}{pr} + \frac{r^2}{pq}$?

Ans. 3 (check it out)

12. In a class boys are 25% more than girls what is ratio of total boys and girls

Ans . 5:4 (actually ans is given like 5.;3)

13. How many 3 digit no. are there when divided by 7 or 8 leaves remainder 4?

Ans . 17 (may be , check it out)

14. if it were 2 hours later it will be half as long until the mid night, as if it were be as half an hour later. what is time now/(may be 21 if it is there)

a) 18.30

b) 23.30

c) 22.30

d) 23

15.

16

.data comparisons

17. A. total no. days in a four consecutive years

B. no. feet in 487 yards

ans: both are equal

18. A. external dimensions of a box is $2\text{cm} \times 4\text{cm} \times 5\text{cm}$

.how many boxes are there in box of internal dimensions

$20 \times 40 \times 50\text{cm}$

B. this is also same model A

19. A. $(66+34)/(0.66+0.44)$

B. $(65+35)/(0.65+0.35)$

a) A is greater than B

b) B is greater than A

c) Both are equal

d) some

SECTION B(analytical)

I A. There will be given 4 conditions . depending up on them following questions have to be answered.

a) P may not come if either R or S come.

b) if G comes S comes

c) if H comes K comes

d) another one

There is one more question like this ,so prepare for analytical

2. one starts at home at 10.00a.m and reaches bus stop at 10.20. then he returns back home finds that it is 10.30am .if walking speed is same, is that watch is slow or fast and how much

ans . 5 min slow(check it out)

3. she can earn Ph.D unless she is poor at GRE or she doesn't receive any scholarship

which one of the following is not true?

Ans A

Hi friends,

I am giving the mindtree paper at NIT warangal.

In this there are 2 sections section A consists of 19

qts(+3/-1)(negative marking) and section B 10

qts(+2)(no negative marking)

section A: simple mathematics

1. A triangle on a grid was given : find the area of it : ans : 2

2.

3. out of the four options which is not a right angle :ans :D (12,9,16)

4. In a class of 100 members 50 plays soccer 45 badminton 50 volley ball and 15 plays all the three then how many of them play two games.

bye

pavan

ans: can't be determined (D) verify

5. In a class the no. of boys are more than that of girls by 25% of the total strength of the class then the ratio of boys to girls ans: (5:3) (d)

6. the radius of the circle is reduced from 5cm to 4cm then the % change of area (ans: 36%) (b)

7. two workers can type two pages in two minutes then how many persons can type 18 pages in 6 minutes (ans: 6) (b) (ans : correct but question may not be)

8. if $p+q+r=0$ then $p^2/qr + q^2/pr + r^2/pq = ?$ (ans: 3) (d)

9. the sum of 7 consecutive numbers is 1617 then the number of prime numbers in it. (ans: 2)

10. in a knock out tournament the total no. of games played are 63 then the no. of participants (ans: 64)

11. fresh mango consists of 70% water and dry mango consists of 10% water then 20Kg of fresh mango is equivalent to how much of dry mango (ans: 6.66 kg) (D)

12. the no. of 3 digit numbers which when divided by 7 or 8 gives a remainder of 4 (ans : dont know)

a) 16 b) 17 c) 18 d) 19

13.

14.

15.

16.

17, 18, 19 are gre type. (if A is greater than A, if B is grtr then B, C if equal, d cont be dtr)

17. A: the sum of the days in 4 consequent years

B: no. of feet in 487 yards ANS: C

18.

19. no of cubes -----ans: B

section B GRE analytical type

1. a magician wants to play 8 tricks F, G, H, K, P, Q, R, S some conditions given (4 qts)

5. (4 qts)

9. a man when he is at room, his clock sees 10 Am he went to bus stand and saw the clock at stand it shows 10:20 am again he came back and saw the wall clock it shows 10:30

then state whether his clock is faster or slower and how much.

10.

thats what I answered.

In inter--: very basic qts of c and control systems.

they have selected eight guys.