

(Info) About Wipro WASE Recruitment



Wipro Wase Placement Papers : Freshers Wipro Wase Placement Paper : Wipro Wase Campus Reasoning Placement Paper

Reasoning and Aptitude

1. A person travels 12 km in the southward direction and then travels 5km to the right and then travels 15km toward the right and finally travels 5km towards the east, how far is he from his starting place?

- (a) 5.5 kms
- (b) 3 km
- (c) 13 km
- (d) 6.4 km

Ans. (b)

2. Find the next number in the series 1, 3, 7, 13, 21, 31

- (a) 43
- (b) 33
- (c) 41
- (d) 45

Ans. (a)

3. X's father's wife's father's granddaughter uncle will be related to X as

- (a) Son
- (b) Nephew
- (c) Uncle
- (d) Grandfather

Ans. (c)

4. A trip takes 6 hours to complete. After traveling $\frac{1}{4}$ of an hour, $1\frac{3}{8}$ hours, and $2\frac{1}{3}$ hours, how much time does need to complete the trip?

- A) $2\frac{1}{12}$ hours
- b) 2 hours, $2\frac{1}{2}$ minutes
- c) 2 hours, 5 minutes
- d) $2\frac{1}{8}$ hours

ANS) B

5. City B is 5 miles east of City A. City C is 10 miles southeast of City B. Which of the following is the closest to the distance from City A to City C?

Ans: (D) 14 miles

6. If the area of a square increases by 69%, then the side of the square increased by

Ans: (B) 30%

7. $A > B, B > C, C = D, D > E$, then which is greatest

a) A/B b) A/C c) A/E d) none

ans: c

8. a sum 's' is divided into 4 parts. second person gets Rs 10 more than first. 3rd person is Rs 10 more than second, 4th is 10 more than 3rd. how much amount do 1st person get.

ans: $(s-60)/4$

9. a c b d f e g i ___ ans: h

10. x y z u v w r s t ___ ans: Q

11. a c f j o ___ ans: u

12. a and b are two numbers selected randomly from 1, 2, 3, ..., 25 what is the probability of a and b are not equal.

(a) $1/25$

(b) $24/25$

(c) $13/25$

(d) $2/25$

Ans. (b)

13. If $x = \sin^{-1}(t)$, $y = \log(1-t^2)$, find d^2y/dx^2 when $t=1/2$

(a) 1

(b) 0

(c) $-8/3$

(d) $-2/3$

Ans. (c)

14. in a garden there are 10 rows and 12 columns of mango trees. the distance between each tree is 2 metres and a distance of one

meter is left from all sides of the boundary of the garden. the length of the garden is

a) 20 m

b) 22m

- c) 24m
- d) 26m

15. A watch, which gains uniformly is 2 min. slow at noon on Monday, and is 4 min. 48 seconds fast at 2 pm. on the following Monday. When was it correct?

- a) 2 days 6 hrs
- b) 2 days 2 hrs
- c) 3 days 1 hr
- d) 3 days 6 hrs

16. Raj Kumar started walking towards south and after walking 15 m turned to his right and walked another 15 m, turned to his left and stopped. Which direction is he from the starting point?

- a) south
- b) south-west
- c) south-east
- d) west

17. In a chess tournament 16 members played in tournament X and 20 played in tournament Y and 12 in both the tournaments, if each

player played at least one of these tournaments, what is the total number of players?

- a) 24
- b) 36
- c) 32
- d) 48

18. 2 men & 4 women can do a piece of work in 8 days. 4 men & 12 boys can do it in 10 days. 5 boys & 8 women can do it in 12 days. In how many days 1 boy can do the whole work.

19. There were 6 locks for which there were 6 keys each fits one of the locks. In how many ways can you open all the locks.

20. If 10% of x = 20% of y, then x : y is equal to

- A) 1 : 2 B) 2 : 1 C) 5 : 1 D) 10 : 1

21. A starts business with Rs. 3500 and after 5 months, B joins with A as his partner. After a year, the profit is divided in the ratio 2 : 3. What is B's contribution in the Capital?

- A) Rs. 7500 B) Rs. 8000 C) Rs. 8500 D) Rs. 9000

22. A and B can do a piece of work in 72 days; B and C can do it in 120 days; A and C can do it in 4 days. Who among these will take the least time if put to do it alone?

- A) 80 days B) 100 days C) 120 days D) 150 days

23. A thief steals a car at 2.30 p.m. and drives it at 60 kmph. The theft is discovered at 3 p.m. and the owner sets off in another car at 75 kmph. When will he overtake the thief.

- A) 4.30 p.m B) 4.45 p.m C) 5 p.m D) 5.15 p.m

24. Two trains starting at the same time from two stations 200 km apart, and going in opposite directions cross each other at a distance of 110 km from one of the stations. What is the ratio of their speeds?

A) 9: 20 B) 11: 9 C) 11: 20 D) None of these

25. Two trains each 100 m long, moving in opposite directions, cross each other in 8 seconds. If one is moving twice as fast the other, then the speed of the faster train is

A) 30 km /hr B) 45 km / hr C) 60 km/hr D) 75 km/hr

26. Fresh fruit contains 68% water and dry fruit contains 20% water. How much dry fruit can be obtained from 100 kg of fresh fruits ?

A) 32 kg B) 40 kg C) 52 kg D) 80 kg

27. How long will a train 100m long travelling at 72kmph take to overtake another train 200m long travelling at 54kmph ?

(a) 70sec (b) 1min (c) 1 min 15 sec (d) 55 sec

28. Ravi's salary was reduced by 25%. Percentage increase to be effected to bring the salary to the original level is

(a) 20% (b) 25% (c) 33 1/3% (d) 30%