

## Airtel Model Paper Questions

1. There are 20 balls which are red, blue or green. If 7 balls are green and the sum of red balls and green balls is less than 13, at most how many red balls are there?

A. 4

B. 5

C. 6

D. 7

Answer: B

2. If  $n$  is the sum of two consecutive odd integers and less than 100, what is greatest possibility of  $n$ ?

A. 98

B. 94

C. 96

D. 99

Answer : C

3. There are 4 boxes colored red, yellow, green and blue. If 2 boxes are selected, how many combinations are there for at least one green box or one red box to be selected?

A. 1

B . 6

C. 9

D. 5

Answer: D

4. All faces of a cube with an eight - meter edge are painted red. If the cube is cut into smaller cubes with a two - meter edge, how many of the two meter cubes have paint on exactly one face?

A. 24

B. 36

C. 60

D. 48

Answer : A

5. Two cyclists begin training on an oval racecourse at the same time. The professional cyclist completes each lap in 4 minutes; the novice takes 6 minutes to complete each lap. How many minutes after the start will both cyclists pass at exactly the same spot where they began to cycle?

A. 10

B. 8

C. 14

D. 12

Answer: D

6. M, N, O and P are all different individuals; M is the daughter of N; N is the son of O; O is the father of P; Among the following statements, which one is true?

- A. M is the daughter of P
- B. If B is the daughter of N, then M and B are sisters
- C. If C is the granddaughter of O, then C and M are sisters
- D. P and N are brothers.

Answer: B

7. In the adjoining diagram, ABCD and EFGH are squares of side 1 unit such that they intersect in a square of diagonal length  $(CE) = \frac{1}{2}$ . The total area covered by the squares is

- A. Cannot be found from the information
- B.  $1 \frac{1}{2}$
- C.  $1 \frac{7}{8}$
- D. None of these

Answer: C

8. There are 10 stepping stones numbered 1 to 10 as shown at the side. A fly jumps from the first stone as follows; Every minute it jumps to the 4th stone from where it started - that is from 1st it would go to 5th and from 5th it would go to 9th and from 9th it would go to 3rd etc. Where would the fly be at the 60th minute if it starts at 1?

A. 1

B. 5

C. 4

D. 9

Answer : A

9. A, B, C and D go for a picnic. When A stands on a weighing machine, B also climbs on, and the weight shown was 132 kg. When B stands, C also climbs on, and the machine shows 130 kg. Similarly the weight of C and D is found as 102 kg and that of B and D is 116 kg. What is D's weight

A. 58kg

B. 78 kg

C. 44 kg

D. None

Answer : C

10. Roy is now 4 years older than Erik and half of that amount older than Iris. If in 2 years, Roy will be twice as old as Erik, then in 2 years what would be Roy's age multiplied by Iris's age?

A. 28

B. 48

C. 50

D. 52

Answer: B

11. A drawer holds 4 red hats and 4 blue hats. What is the probability of getting exactly three red hats or exactly three blue hats when taking out 4 hats randomly out of the drawer and immediately returning every hat to the drawer before taking out the next?

A.  $\frac{1}{2}$

B.  $\frac{1}{8}$

C.  $\frac{1}{4}$

D.  $\frac{3}{8}$

Answer: B

12. Tim and Elan are 90 km from each other. They start to move each other simultaneously. Tim at speed 10 and Elan 5 kmph. If every hour they double their speed, what is the distance that Tim will pass until he meets Elan?

A. 45

B. 60

C. 20

D. 80

Answer: B

13. A father purchases dress for his three daughter. The dresses are of same color but of different size .the dress is kept in dark room .What is the probability that all the three will not choose their own dress.

A.  $\frac{2}{3}$

B.  $\frac{1}{3}$

C.  $\frac{1}{6}$

D.  $\frac{1}{9}$

Answer: B

14. Given the following information, who is youngest?

C is younger than A; A is taller than B

C is older than B; C is younger than D



B is taller than C; A is older than D

A. D

B. B

C. C

D. A

Answer: B

15. she has great love and affection \_\_\_\_\_ her grandmother.

A. for

B. from

C. with

D. to

Ans... A

16. but there is more \_\_\_\_\_ Argentina's red wines than Malbec only.

A. in

B. to

C. from

D. at

Ans... B

17. opaque glass is the kind of material \_\_\_\_\_ which you cannot see.

A. into

B. through

C. from

D. between

Ans... B

choose the word nearest in meaning

18. 25 paise coins are fast becoming.. obsolete.

A. smaller

B. older

C. rare

D. outdated

Ans... D

19. the only evidence was a pice of crumpled paper lying in a cornor.

A. torn

B. burnt

C. wrinkled

D. dirty

Ans... C

20. his plans started going awry the moment he began his journey to nagaland.

A. well

B. smoothly

C. wrong

D. slowly

Ans... C

fill in blank with article.

21. the brahmaputra rises in the himaliya in \_\_\_\_\_ Tibet.

A. a

B. an

C. the

d. no article need

Ans... D

22. it is suspect that \_\_\_\_\_ colleague committed the murder.

A. a

B. an

C. the

D. no article need

Ans... A

23. \_\_\_\_\_ ice-pick was used for the murder.

A. a

B. an.

C. the

D. no article need

Ans... B

24. it was no dout \_\_\_\_\_ stupidity to admit her into our gang

A. a

B. an

C. the

D. no article need.

Ans... A

25. A 5 litre jug contains 4 litres of a salt water solution that is 15 percent salt. If 1.5 litres of the solution spills out of the jug, and the jug is then filled to capacity with water, approximately what percent of the resulting solution in the jug is salt?

(A) 7.5%

(B) 9.5%

(C) 10.5%

(D) 12%

(E) 15%