

REASONING QUIZ

1. In a chess tournament each of six players will play every other player exactly once. How many matches will be played during the tournament?

A. 12

B. 15

C. 30

D. 36

2. A, B, C and D play a game of cards. A says to B. "If I give you 8 cards, you will have as many as C has and I shall have 3 less than what C has. Also if I take 8 cards from C, I shall have twice as many as D has." If B and D together have 50 cards, how many cards have A got?

A. 35

B. 37

C. 38

D. 40

3. Reena is twice as old as Sunita. Three years ago, she was three times as old as Sunita. How old is Reena now ?

A. 6 years

B. 12 years

C. 14 years

D. 16 years

4. A shepherd had 27 sheep. All but 10 died. How many he left with ?

A. 10

B. 15

C. 17

D. 27

5. A group of 1200 persons consisting of captains and soldiers is travelling in a train. For every 15 soldiers there is one captain. The number of captains in the group is ?

A. 70

B. 75

C. 80

D. 85

6. Aruna cut a cake into two halves and cuts one half into smaller pieces of equal size. Each of the small pieces is twenty grams in weight. If she has seven pieces of the cake in all with her, how heavy was the original cake ?

A. 240 gm

- B. 220 gm
- C. 225 gm
- D. 250 gm

7. First bunch of bananas has $(1/4)$ again as many bananas as a second bunch. If the second bunch has 3 bananas less than the first bunch, then the number of bananas in the first bunch are

- A. 9
- B. 10
- C. 12
- D. 15

8. At the end of a business conference the ten people present all shake hands with each other once. How many handshakes will there be altogether?

- A. 20
- B. 45
- C. 55
- D. 90

9. A student got twice as many sums wrong as he got right. If he attempted 48 sums in all, how many did he solve correctly?

- A. 12
- B. 16
- C. 24
- D. 18

10. The number of boys in a class is three times the number of girls. Which one of the following numbers cannot represent the total number of children in the class?

- A. 48
- B. 44
- C. 42
- D. 40

11. A certain number of horses and an equal number of men are going somewhere. Half of the owners are on their horses' back while the remaining ones are walking along leading their horses. If the number of legs walking on the ground is 70, how many horses are there?

- A. 8
- B. 10
- C. 12

D. 14

12. If 100 cats kill 100 mice in 100 days, then 4 cats would kill 4 mice in how many days?

A. 4 day

B. 10 day

C. 40 day

D. 100 day

13. In a class, there are 18 boys who are over 160 cm tall. If these constitute three-fourths of the boys and the total number of boys is two-thirds of the total number of students in the class, what is the number of girls in the class?

A. 10

B. 12

C. 14

D. 18

14. I have a few sweets to be distributed. If I keep 2, 3 or 4 in a pack, I am left with one sweet. If I keep 5 in a pack, I am left with none. What is the minimum number of sweets I have to pack and distribute?

A. 25

B. 37

C. 54

D. 65

15. In a caravan, in addition to 50 hens, there are 45 goats and 8 camels with some keepers. If the total number of feet be 224 more than the number of heads in the caravan, the number of keepers is

A. 5

B. 8

C. 10

D. 15

16. A is three times as old as B. C was twice-as old as A four years ago. In four years' time, A will be 31. What are the present ages of B and C?

A. 9, 46

B. 9, 50

C. 10, 46

D. 10, 50

17. A father is now three times as old as his son. Five years back, he was four times as old as his son. The age of the son is:

- A. 12
- B. 15
- C. 18
- D. 20

18. In a group of 15 people, 7 read French, 8 read English while 3 of them read none of these two. How many of them read French and English both?

- A. 2
- B. 3
- C. 4
- D. 5

19. Find the least number which leaves a remainder of 3 when divided by 5, 6, 7 and 8, but leaves no remainder when divided by 9?

- A. 1683
- B. 1692
- C. 1598
- D. 1458

20. A man is facing north. He turns 45 degree in the clockwise direction and then another 180 degree in the same direction and then 45 degree in the anticlockwise direction. Find which direction he is facing now ?

- A. North
- B. East
- C. West
- D. South

ANSWERS

1. B

2. D

3. B

4. A

5. B

6. A

7. D

8. B

9. B

10. C

11. D

12. D

13. B

14. A

15. D

16. B

17. B

18. B

19. A

20. D