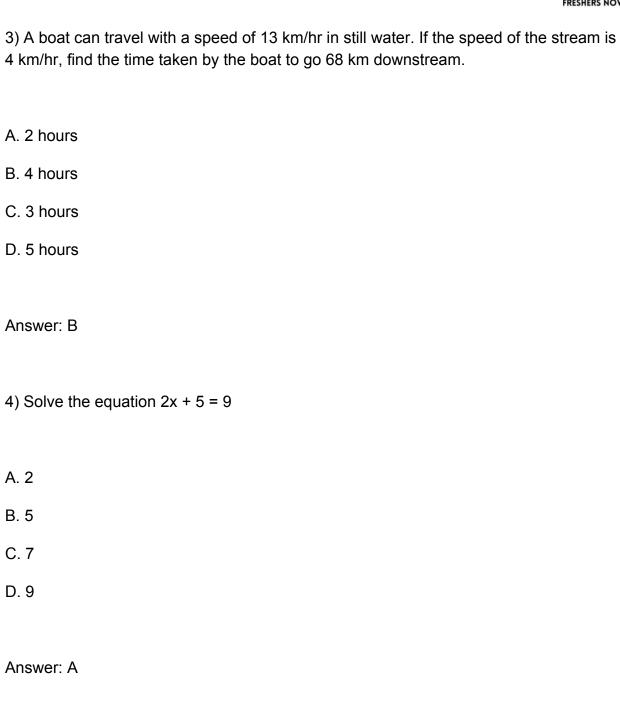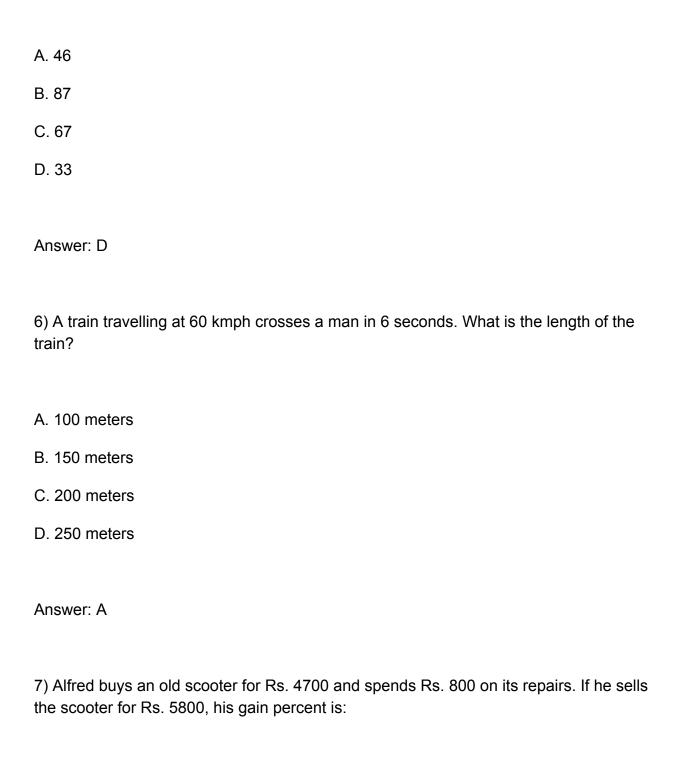# TCS NQT Numerical Ability Questions and Answers

1) HCF of 3/16, 5/12, 7/8 is

A. 2/47

B. 3/47

C. 1/48

D. 5/48

Answer: A

2) If in a game of 80, P can give 16 points to Q and R can give 20 points to P, then in a game of 150, how many points can R give to Q?

A. 48

B. 60

C. 54

D. 90

Answer: B

TCS NQT Numerical Ability Questions and Answers

3) A boat can travel with a speed of 13 km/hr in still water. If the speed of the stream is 4 km/hr, find the time taken by the boat to go 68 km downstream.

A. 2 hours

B. 4 hours

C. 3 hours

D. 5 hours

Answer: B

4) Solve the equation 2x + 5 = 9

A. 2

B. 5

C. 7

D. 9

Answer: A

5) 1344 ÷ 14 ÷ 4 × 34 – 35% of 540 – 45% of 1320 = x

A. 46

B. 87

C. 67

D. 33

Answer: D

6) A train travelling at 60 kmph crosses a man in 6 seconds. What is the length of the train?

A. 100 meters

B. 150 meters

C. 200 meters

D. 250 meters

Answer: A

7) Alfred buys an old scooter for Rs. 4700 and spends Rs. 800 on its repairs. If he sells the scooter for Rs. 5800, his gain percent is:

TCS NQT Numerical Ability Questions and Answers

A. 4 4/7%

B. 5 5/11%

C. 10%

D. 12%

Answer: B

8) Assertion (A): The Indian Constitution was adopted on 26th November, 1949.

Reason (R): Law Day is celebrated in India on 26th November every year.

A. Both A and R are individually true and R is the correct explanation of A

B. Both A and R are individually true but R is not the correct explanation of A

C. A is true but R is false

D. A is false but R is true

Answer: B

9) A train 800 metres long is running at a speed of 78 km/hr. If it crosses a tunnel in 1 minute, then the length of the tunnel (in meters) is:

A. 130

B. 360

C. 500

D. 540

Answer: C

10) In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs?

A. 6.25

B. 6.5

C. 6.75

D. 7

Answer: A

11) The average weight of 16 boys in a class is 50.25 kg and that of the remaining 8 boys is 45.15 kg. Find the average weights of all the boys in the class.

A. 47.55 kg

B. 48 kg

C. 48.55 kg

D. 49.25 kg

Answer: C

12) When did the UN General Assembly adopt the statute of the International Civil

Service Commission :

A. December, 1974

B. December, 1976

C. December, 1979

D. December, 1978

Answer: A

13) A train 125 m long passes a man, running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:

A.45 km/hr

B. 50 km/hr

C. 54 km/hr

D. 55 km/hr

Answer: B

14) A pupil's marks were wrongly entered as 83 instead of 63. Due to that the average marks for the class got increased by half (1/2). The number of pupils in the class is:

A. 10

B. 20

C. 40

D. 73

Answer: C

15) A right triangle with sides 3 cm, 4 cm and 5 cm is rotated the side of 3 cm to form a cone. The volume of the cone so formed is:

A. 12 cm3

B. 15 cm3

TCS NQT Numerical Ability Questions and Answers

C. 16 cm3

D. 20 cm3

Answer: A

16) The average monthly income of P and Q is Rs. 5050. The average monthly income of Q and R is Rs. 6250 and the average monthly income of P and R is Rs. 5200. The monthly income of P is:

A. 3500

B. 4000

C. 4050

D. 5000

Answer: B

17) The curved surface area of a cylindrical pillar is 264 m2 and its volume is 924 m3. Find the ratio of its diameter to its height.

A. 3 : 7

B. 7 : 3

C. 6 : 7

D. 7 : 6

Answer: B

18) If January 1, 1996, was Monday, what day of the week was January 1, 1997?

A. Thursday

B. Wednesday

C. Friday

D. Sunday

Answer: B

19) How many times the hands of a clock coincide in a day?
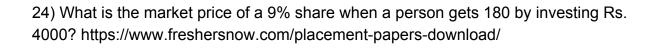
A. 24

B. 22

C. 23

D. 21

Answer: B

20) A shopkeeper sold an article for Rs. 2500. If the cost price of the article is 2000, find the profit percent.

A. 23%

B. 25%

C. 27%

D. 29%

Answer: B

21) A 60 liter mixture of milk and water contains 10% water. How much water must be added to make water 20% in the mixture?

A. 8 liters

B. 7.5 liters

C. 7 liters

D. 6.5 liters

TCS NQT Numerical Ability Questions and Answers

Answer: B

22) In what ways the letters of the word "RUMOUR" can be arranged?

A. 180

B. 150

C. 200

D. 230

Answer: D

23) In a kilometer race, A beats B by 40 meters or by 5 seconds. What is the time taken by A over the course?

A. 1 minute 57 seconds.

B. 2 minutes.

C. 1.5 minutes.

D. None of these.

Answer: B

TCS NQT Numerical Ability Questions and Answers

24) What is the market price of a 9% share when a person gets 180 by investing Rs. 4000? https://www.freshersnow.com/placement-papers-download/

A. 150

B. 200

C. 250

D. 300

Answer: B

25) 1120/sqrt(?)= 80

A. 3.74

B. 149.67

C. 196

D. 225

Answer: C

26) If x =1/(√2 +1) ; then (x + 1) equals to ?

A. 2

B. √2-1

C. √2+1

D. √2

Answer: D