

Mathematics Questions for Competitive Exams

Maths Questions and Answers PDF

Q.1. A sum of Rs. 25000 amounts to Rs. 31000 in 4 years at the rate of simple interest what is the rate of interest?

- (a) 3%
- (b) 4%
- (c) 5 %
- (d) 6 %
- (e) None of these

Answer: [d]

Q.2. Kamla took a loan of Rs. 2400 with simple interest for as many years as the rate of interest. If she paid Rs. 864 as interest at the end of the loan period, what was the rate of interest?

- (a) 3.6
- (b) 6
- (c) 18
- (d) cannot determined
- (e) None of these

Answer: [b]

Q.3. What is the present worth of Rs. 264 dues in 4 years at 10% simple interest per annum?

- (a) 170.20
- (b) 166

(c) 188.57

(d) 175.28

Answer: [C]

Q.4. A sum fetched a total simple interest of Rs. 8016.25 at the rate of 6 p.c.p.a in 5 years what is the sum?

(a) 24720.83

(b) 26730.33

(c) 26720.83

(d) 26710.63

(e) None of these

Answer: [C]

Q.5. 8. Rs. 800 becomes Rs. 956 in 3 years at a certain rate of simple interest. If the rate of interest is increased by 4%, what amount will Rs 800 become in 3 years?

(a) 1020.80

(b) 1025

(c) 1052

(d) Data inadequate

Answer: [C]

Q. 6. The product of 2 numbers is 1575 and their quotient is $\frac{9}{7}$. Then the sum of the numbers is –

a. 74

b. 78

c. 80

d. 90

Answer: [C]

Q.7. The value of $(81)^{3.6} * (9)^{2.7} / (81)^{4.2} * (3)$ is ___

- a. 3
- b. 6
- c. 9
- d. 8.2

Answer: [C]

Q.8. $\sqrt{6} + \sqrt{6} + \sqrt{6} + \dots$ is equal to –

- a. 2
- b. 5
- c. 4
- d. 3

Answer: [D]

Q.9. The sum of the squares of two natural consecutive odd numbers is 394. The sum of the numbers is –

- a. 24
- b. 32
- c. 40
- d. 28

Answer: [D]

Q.10. When $(6767 + 67)$ is divided by 68, the remainder is-

- a. 1
- b. 63
- c. 66
- d. 67

Answer: [C]

Maths Quiz Answers with Solutions (MCQs)

1. 121 Divided by 11 is

- A. 11
- B. 10
- C. 19
- D. 18

Answer: A

2. 60 Times of 8 Equals to

- A. 480
- B. 300
- C. 250
- D. 400

Answer: A

3. Find the Missing Term in Multiples of 6 : 6, 12, 18, 24, _, 36, 42, _ 54, 60.

- A. 32, 45
- B. 30, 48
- C. 24, 40
- D. 25, 49

Answer: B

4. What is the Next Prime Number after 7 ?

- A. 13
- B. 12
- C. 14
- D. 11

Answer: D

5. The Product of $131 \times 0 \times 300 \times 4$

- A. 11
- B. 0
- C. 46
- D. 45

Answer: B

6. Solve $3 + 6 \times (5 + 4) \div 3 - 7$

- A. 11
- B. 16
- C. 14
- D. 15

Answer: C

7. Solve $23 + 3 \div 3$

- A. 24
- B. 25
- C. 26
- D. 27

Answer: A

8. What is 6% Equals to

- A. 0.06
- B. 0.6
- C. 0.006
- D. 0.0006

Answer: A

9. How Many Years are there in a Decade?

- A. 5 years
- B. 10 years
- C. 15 years
- D. 20 years

Answer: B

10. How Many Months Make a Century?

- A. 12
- B. 120
- C. 1200
- D. 12000

Answer: C, 1200 months. As a century has a total of 100 years and each year has a total of 12 months, then a century will have a sum of 1200 months in it ($100 \times 12 = 1200$ months).

11. Priya had 16 Red Balls, 2 Green Balls, 9 Blue Balls, and 1 Multicolor Ball. If He Lost 9 Red Balls, 1 Green Ball, and 3 Blue Balls. How Many Balls would be Left?

- A. 15
- B. 11
- C. 28
- D. 39

Answer: A

12. Add the Decimals $5.23 + 8.79$

- A. 14.02
- B. 14.19
- C. 14.11
- D. 14.29

Answer : A

13. How Many Months Have 120 Days?

- 1. 2 months
- 2. 4 months
- 3. 11 months
- 4. 12 months

Answer: B, 4 months. As all months of a year have an average of 30 days in them, then four months of a year will include ($4 \times 30 = 120$ days).

14. How Many Sides are there in a Decagon?

- A. 7
- B. 8
- C. 9
- D. 10

Answer: D

15. What Number Comes Before 9019?

- A. 9099
- B. 9091
- C. 9109
- D. None of these

Answer: D, None of these, All the numbers given are bigger than the number 9019, hence they will all come after this number. So, none of these numbers will come before 9019.

16. What is the product of $121 \times 0 \times 20 \times 2.5$ -

- A. 6050
- B. 0
- C. 2,420
- D. None of the above

Answer: B

17. Look at this series: 36, 34, 30, 28, ..., 22 What number should come to fill in the blank space

- A. 25
- B. 24
- C. 26
- D. None of the above

Answer: B

18. 27 is a perfect cube. If true then what is the perfect cube of 27?

- A. 9
- B. 6
- C. 3
- E. 27 is not a perfect cube

Answer: C

$$3^3 = 3 \times 3 \times 3 = 27$$

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