

■ SSC GD Maths Practice Set 01 – 100 MCQs (Without Solutions)

(If you want solutions for all 100 questions, just say: "**Give Solutions**")

1. $125 \times 8 = ?$

- A) 900
- B) 1000
- C) 980
- D) 875

2. 45% of 200 = ?

- A) 90
- B) 45
- C) 100
- D) 80

3. Simplify: $56 \div 7 \times 5 = ?$

- A) 30
- B) 40
- C) 45
- D) 50

4. $1/4 + 1/3 = ?$

- A) $7/12$
- B) $1/7$
- C) $3/7$
- D) $12/7$

5. A shopkeeper sells an item for ₹240 at 20% loss. What was CP?

- A) 250
- B) 260
- C) 280
- D) 300

6. If SP = ₹500, profit = 25%, find CP.

- A) 350
- B) 375
- C) 400
- D) 450

7. The LCM of 12 and 18 is:

- A) 24
- B) 36
- C) 48
- D) 54

8. The HCF of 24 and 36 is:

- A) 6
- B) 8
- C) 12
- D) 18

9. A ratio of 3:5 = ?

- A) 0.6
- B) 1.5
- C) 0.75
- D) 0.5

10. Average of 10, 15, 20 = ?

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

11. Square of 45 = ?

- A) 1825
- B) 2025
- C) 2125
- D) 2050

12. $\sqrt{196}$ = ?

- A) 12
- B) 13
- C) 14
- D) 15

13. CI for 2 years on ₹1000 @ 10% = ?

- A) 210
- B) 100
- C) 120
- D) 121

14. A train running at 60 km/h covers how much distance in 2.5 hours?

- A) 100
- B) 120
- C) 130
- D) 150

15. 15% of 80 = ?

- A) 10
- B) 12

C) 14

D) 16

16. $0.75 \times 16 = ?$

A) 12

B) 10

C) 9

D) 14

17. $4^2 + 5^2 = ?$

A) 41

B) 42

C) 45

D) 52

18. 12.5% of 400 = ?

A) 40

B) 50

C) 60

D) 80

19. $2^3 \times 3^2 = ?$

A) 36

B) 72

C) 27

D) 18

20. The perimeter of a square with side 9 cm is:

A) 18

B) 27

C) 36

D) 45

21. Area of a rectangle $8 \times 5 = ?$

A) 20

B) 30

C) 35

D) 40

22. If 8 men finish work in 12 days, 12 men will finish in:

A) 6

B) 7

C) 8

D) 10

23. Simplify: $18 \div 0.5 = ?$

- A) 18
- B) 36
- C) 20
- D) 25

24. HCF of 8, 12, 20

- A) 2
- B) 4
- C) 6
- D) 8

25. 2.5% of 200 = ?

- A) 2
- B) 5
- C) 10
- D) 20

26. If CP = ₹500, loss = 10%, find SP.

- A) 450
- B) 475
- C) 500
- D) 550

27. Ram covers 40 km in 5 hours. Speed = ?

- A) 5 km/h
- B) 6 km/h
- C) 8 km/h
- D) 10 km/h

28. $7/14 = ?$

- A) $1/2$
- B) $1/3$
- C) $2/3$
- D) $3/4$

29. If $a : b = 2 : 3$, then $b : a = ?$

- A) 2:3
- B) 3:2
- C) 1:2
- D) 2:1

30. $500 - 275 - 25 = ?$

- A) 150
- B) 200
- C) 250
- D) 225

31. $144 \div 12 = ?$

- A) 10
- B) 11
- C) 12
- D) 14

32. Which is largest?

- A) 0.25
- B) 0.5
- C) 0.75
- D) 0.90

33. 40% of 250 = ?

- A) 50
- B) 75
- C) 80
- D) 100

34. $18 + 27 + 45 = ?$

- A) 80
- B) 85
- C) 90
- D) 95

35. $9 \times 14 = ?$

- A) 112
- B) 126
- C) 136
- D) 108

36. Value of $3.5 \times 4 = ?$

- A) 12
- B) 13
- C) 14
- D) 16

37. CP = ₹400, Profit = 20%. SP = ?

- A) 440
- B) 450
- C) 480
- D) 500

38. Simplify: $5(6 - 2) = ?$

- A) 20
- B) 25

C) 30

D) 15

39. LCM of 5, 10, 15 = ?

A) 15

B) 20

C) 30

D) 45

40. 1 km = ? meters

A) 10

B) 100

C) 1000

D) 10000

41. $\frac{3}{5}$ of 50 = ?

A) 10

B) 20

C) 30

D) 40

42. $120 \div 3 = ?$

A) 30

B) 35

C) 40

D) 50

43. $8^2 = ?$

A) 16

B) 32

C) 56

D) 64

44. Average of 8, 12, 16 = ?

A) 10

B) 12

C) 14

D) 16

45. Speed = Distance $\div$ Time. If distance = 180 km, time = 3 hours, speed = ?

A) 50

B) 60

C) 70

D) 80

46. Ratio of 10 and 20:

- A) 1:2
- B) 2:1
- C) 1:3
- D) 3:1

47. SP = 450, Loss = 10%, CP = ?

- A) 450
- B) 475
- C) 500
- D) 550

48. $64 \div 4 = ?$

- A) 12
- B) 14
- C) 15
- D) 16

49. Area of square with side 6 cm = ?

- A) 12
- B) 18
- C) 24
- D) 36

50. $0.2 \times 50 = ?$

- A) 5
 - B) 10
 - C) 15
 - D) 20
-

51. $3^3 = ?$

- A) 6
- B) 9
- C) 18
- D) 27

52. CI is always _____ SI for same rate and time.

- A) greater
- B) less
- C) equal
- D) none

53. A train 300 m long crosses a pole in 30 sec. Speed?

- A) 20
- B) 30

C) 36

D) 40

54. $12 \times 12 = ?$

A) 120

B) 124

C) 144

D) 154

55. A shopkeeper sells at CP. Profit % = ?

A) 10%

B) 5%

C) 0%

D) 1%

56. A number divided by 5 gives 8. The number is:

A) 25

B) 30

C) 35

D) 40

57. LCM of 9 and 15 = ?

A) 30

B) 45

C) 60

D) 75

58. A man earns ₹2000 and spends ₹1500. Savings % = ?

A) 10%

B) 15%

C) 20%

D) 25%

59. Area of triangle = $\frac{1}{2} \times b \times h$. If $b = 10$, $h = 6 \rightarrow$ Area = ?

A) 20

B) 25

C) 30

D) 35

60. $9 \times 7 = ?$

A) 56

B) 63

C) 72

D) 84

61. $18 + 22 + 30 = ?$

- A) 60
- B) 65
- C) 70
- D) 75

62. Square root of 121 = ?

- A) 9
- B) 10
- C) 11
- D) 12

63. 25% of 300 = ?

- A) 50
- B) 60
- C) 70
- D) 75

64. Factor of 48:

- A) 6
- B) 7
- C) 11
- D) 13

65. $500 \div 25 = ?$

- A) 10
- B) 15
- C) 20
- D) 25

66. $\frac{2}{3}$ of 90 = ?

- A) 30
- B) 45
- C) 50
- D) 60

67. Simplify: $15 \times 4 = ?$

- A) 45
- B) 50
- C) 55
- D) 60

68. If CP = 800, SP = 880 $\rightarrow$ Profit % = ?

- A) 8%
- B) 9%
- C) 10%
- D) 12%

69. $10^2 - 5^2 = ?$

- A) 50
- B) 60
- C) 75
- D) 100

70. The smallest prime number is:

- A) 0
 - B) 1
 - C) 2
 - D) 3
-

71. $6 \times 11 = ?$

- A) 60
- B) 62
- C) 66
- D) 72

72. $14 + 18 = ?$

- A) 30
- B) 32
- C) 34
- D) 36

73. If time = 4 hours, speed = 40 km/h $\rightarrow$ distance = ?

- A) 80
- B) 120
- C) 160
- D) 200

74. LCM of 4, 6, 8 = ?

- A) 12
- B) 16
- C) 24
- D) 48

75. CP = 900, loss = 10%, SP = ?

- A) 810
- B) 850
- C) 870
- D) 900

76. Average of 5, 10, 15, 20 = ?

- A) 10
- B) 12.5

C) 15

D) 20

77. $45 \div 9 = ?$

A) 4

B) 5

C) 6

D) 7

78. $3.5 + 4.5 = ?$

A) 7

B) 7.5

C) 8

D) 9

79. Successive discount 20% and 10% equals:

A) 28%

B) 30%

C) 32%

D) 25%

80. $0.6 \times 15 = ?$

A) 6

B) 7

C) 9

D) 10

81. $4^3 = ?$

A) 64

B) 84

C) 96

D) 32

82. 75% of 80 = ?

A) 50

B) 55

C) 60

D) 65

83. A man walks 4 km east and 3 km south. Distance = ?

A) 5

B) 6

C) 7

D) 8

84. $72 \div 8 = ?$

- A) 6
- B) 8
- C) 9
- D) 10

85. $\frac{3}{4}$ of 64 = ?

- A) 32
- B) 40
- C) 48
- D) 50

86. Area of circle = πr^2 . $r = 7 \rightarrow$ area = ?

- A) 138
- B) 144
- C) 154
- D) 168

87. CP = 600, profit = 15%. SP = ?

- A) 650
- B) 660
- C) 680
- D) 690

88. $\frac{1}{5}$ of 100 = ?

- A) 15
- B) 18
- C) 20
- D) 25

89. Find value: $1000 - 456 = ?$

- A) 556
- B) 544
- C) 520
- D) 600

90. LCM of 2, 3, 4, 6 = ?

- A) 6
- B) 8
- C) 10
- D) 12

91. $7 + 7 \times 2 = ?$

- A) 21
- B) 28

C) 14

D) 22

92. Which is smallest?

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

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

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

D) $\frac{1}{5}$

93. 30% of 500 = ?

A) 100

B) 120

C) 140

D) 150

94. Area of square with diag = 14:

A) 70

B) 75

C) 98

D) 100

95. Profit% = (Profit / CP) $\times$ 100. If CP=200, SP=240 $\rightarrow$ Profit%=?

A) 10%

B) 15%

C) 20%

D) 25%

96. Value of $6^2 - 4^2$ = ?

A) 12

B) 16

C) 20

D) 28

97. Time = Distance $\div$ Speed $\rightarrow$ 100 km $\div$ 25 km/h = ?

A) 2

B) 3

C) 4

D) 5

98. HCF of 20, 30 = ?

A) 2

B) 4

C) 5

D) 10

99. Which is composite?

- A) 2
- B) 3
- C) 5
- D) 9

100. $11 \times 13 = ?$

- A) 121
- B) 130
- C) 143
- D) 150

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