Math Mcqs

1. In the exam 45% students failed and 550 students were successful.The total number of students who appeared in the exam were:

(a) 1000'   (b) 900

(c) 1500   (d) 800

2) A group of students volunteered to finish a construction work in 25 days. 1Q of the students did not come and the work could be finished in 35 days. The original number of students in the group were

(a) 25.00   (b) 32.00

(c) 35.00   (d) 37.00

3) A man bought a flat for Rs. 8,20,000. He borrowed 55% of this money from a bank. How much money did he borrow

from the bank? .

(a) Rs. 4,51,000'   (b) Rs. 4,52,000

(c) Fvs. 4,53,000 .   (d) Rs. 4,54,000

4) A primary school had an enrollment of 850 pupils in January 1970. In January 1980 the enrollment was 1,120; What

was the percentage increase for the

enrollment?

(**a) 31.76%'**   (b) 33.50%

(c) 30,65%   (d) 34.76%

5) The number, whose 7% is 42, is

(a) 300   (b) 400

(c) 500   **(d) 600'**

6) Which number will come next?

3. 5, 7, 10,12,14, 24, 26,_____

(a) 52   (b) 30

(c) 28'   (d) 48

7) Twelve men take 6 hours to finish a piece of work. After the 12 men have worked for 1 hour, the contractor decides

to call in 8 more men. How many more hours would 20 men take to complete the remaining work?

(a) 2   **(b) 3'**

(c) 4   (d) 5

8) If a car is sold for Rs..50000 the profit is 17 percent, what would be profit percentage if sold for Rs. 47000.

(a) 14.85%   **(b) 15.98%'**

(c) 16.20%   (d) 14.50%

9.Sadiq purchased a plot for Rs. 8,000. He sells the plot to Abid at a profit of 20%. Abid in turn sells that plot to Arif at a loss of 20%. The plot costs Arif.

(a) Rs. 12,000   (b) Rs. 10,000 (c) Rs. 8670 **(d) Rs. 7680'**

10. A's mother is twice as old as A's brother. A is 6 years yqunger than his brother but 4 years older than his sister. If A's sister is 15 his mother's age is:

(a) 40   (b) 45

(c) 42   **(d) 50'**

11.If 12 years are added to 2/3 age of Rani, she will be three years older than today. What is Rani's present age?

(a) 25   **(b) 27'**

(c) 26   (d) 29

12. Three families, P, Q and R, share 480 kg of rice, Q receives twice as much rice as P and R receives half as much rice as Q. How much rice does family Q gets?

(a) 220 kg   (b) 230 kg

(c) 240 kg'   (d) 250 kg

13. Six men working 8 hours a day earn Rs 720 per week. 8 men working 6 hours a day will earn per week

(a) Rs. 540   **(b) Rs. 720'**

(c) Rs.960   (d) Rs.1080

14) Price of sugar is increased by 25%. The percentage of consumption to be decreased so that there would be no increase in the expenditure is

(a) 18%   **(b) 20 %**

(c) 22%   (d) 24%

15. Nasir read 60 pages of *a* book on the first day. This was 20% more than the number of pages he read on the second day. Given that he read 1/6 of the book on the.second day, find the number of pages in the book he had read.
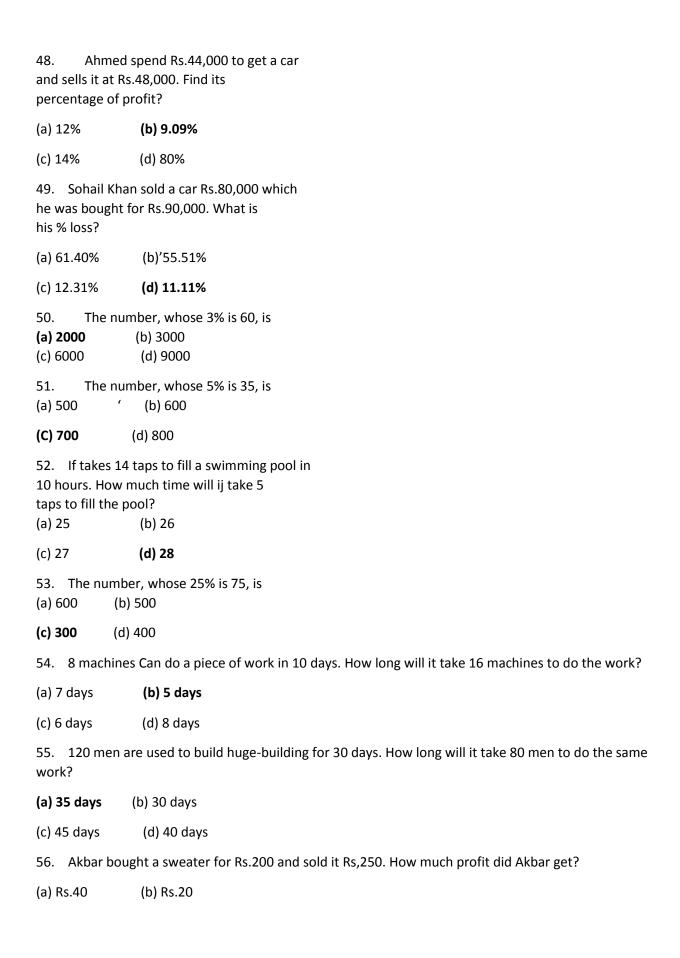
(a) 300' (b) 290

(c) 325 (d) 345

16. Mr. Rehraan ordered a car worth Rs.600.000 and was given a discount.Given that he paid Rs.57,0000 for his new *car,* calculate the percentage discount he received:
(a) 5% (b) 7%

(c) 9% (d) 10%

17. Which is the greatest number?
(a) 1/4 of 236 (b) 1/16 of 1028
(c) 1/9 of 504 **d) 1/3 of 741**

18. 10 men can construct a building in 40 days. How long will it take 20 men to do this work?

(a) 20 days (b) 30 days
(c) 40 days (d) 50 days

1 9. Rashid bought a shirt for Rs.350 and sold it Rs.300. How much loss did he get?

(a) Rs.40 **(b) Rs.50**

(c) Rs.20 (d) Rs.80

20. NASIR bought a practical copy Rs.60 and sold it Rs.40. How much loss did he get?

(a) Rs.600 **(b) Rs.60**

(c) Rs.40 (d) Rs.20

21. The number, whose 17% is 51, is
(a) 200 <b) 100

(c) 300 (d) 210

22. A car washer can wash 8 cars in 18 minutes. At this rate how many cars can be wash, in three hours?

(a) 13 (b) 40

(c) 80 (d) 125

23. There are four numbers. Average of the first three is 15 and that of the last three is 16. If the last number is
19 find the first number:

(a) 16 (b) 18

(c) 20 (d) 21

24. 10 men can complete a job in 14 days. How long will it take 4 men to finish the same job if they work. at the same rate?

(a) 33 days   . **(b) 35 days**
(e) 37 days   (d) 39 days

25.   A man takes 50 minutes to cover a certain distance at a speed of 6 km/hr. If he walks with a speed of 1 0
km/hr. he covers the same distance

 (a) 1 hour

(c) 20 minutes

(**b) 30 minutes**

(d) 10 minutes

26.   A man pays 10% of his income as income   tax.   If   his   income   tax amounts to Rs.1500, what is his
income?

(a) Rs.13000   **(b) Rs.15000**

(c) Rs.17000   (d) Rs.19000

27.   A can do a piece of work in 10 days and B can do it in 15 days. The number of days required by them to
finish it, working together is:

(a) 8   (b) 7

(c) 6   (d) 4.

28.   A carton contains 10 boxes, each box containing one dozen cubes. How many cartons are needed
to fill 960 cubes?

(a) 7   (b) 8

(c) 9   (d) 12

29.   16 men build a house in 10 days. How much time will it take 8 men to do this work?

(a) 25 days   **(b) 20 days**

(c) 30 days   (d) 32 days

30.   Naveed Ahmed spends Rs.400 in getting a good table and sells it.at Rs.600. Find the percentage of profit?

(a) 90%   (b) 45%

(c) 50%/   (d) 80%

31.   All spends Rs.500 to get a good shirt and sells it at Rs.800. Find the percentage of Profit?

(a) 59%   **(b) 60%/**

(c) 63%   (d) 40%

32.   Insert the missing number 5? 14 10 97

(a) **18**   (b) 16

(c) 14   (d) 12

33.   Insert the missing number:
341 (250) 466 282 ( ) 398
(a)   228   **(b) 232**
(c)   226   (d) 240

34.   Insert the missing number:
7 14 10 12 14 9

(a)   **19**   (bj 17

(c)   14   (d) 15

36. jnsert the missing number:
172 84 40 18
(a)   7   (b) 10

(c)   12   (d) 16

37. 20 men can construct a building in 40 ays. How long will it take 10 men to do this work?

(a) 50 days   (b) 60 days

(c) 70 days   **(d) 80 days**

38. A man saves Rs.500 which is 15% of his annual income. How much does he earn in one year?
(a) 3542.50   (**b) 3333.33**

(C) 3132.30   (d) 3075.75

39. Muhammad Aslam bought a TV Rs.8000 and sold it Rs.7000. How much loss did he get?

(a) Rs.1000   (b)Rs.2000
(c) Rs.3000   (d) Rs.4000.

40. Insert the missing number:

1 3 2_____ 3 7

(a) . 4   (b) 8

(c) 5   (d) 6

41. Which number will come next?

2,5,12,23,38,57,_____

(a) 69   (b) 76

(c) 80   (d) 84

42. Which one number will complete the following number series?

3,6,15_____ ,123,366

(a) 34   (b) 59

(c) 42   (d) 60

43. Which number will come next?

1,2,5,12,27,58,_____

(a) 121   (b) 136

(c) 135   (d) 174

44. Which number will come next?
4,11,7,14,10, 17.
(a) 24   **(b) 13**

(c) 20   (d) 21

45. Which number will come next?

2,6, 12,20,30,42_____

(a) 56   (b) 54

(c) 50   (d) 62

45.   Insert the missing number:
68 10 11 14 15

(a)   12   (b) 16

(c)   14   **(d) 18**

46.   Insert the missing number:
17(112) 39 28(...)49 .
(a)   164   (b) 144
(c)   154   (d) 174

47.   Insert the missing number:
234 (333) 257 345(...)678
(a)   233   **(b) 333**
(c)   133   (d) 433

48. Ahmed spend Rs.44,000 to get a car and sells it at Rs.48,000. Find its percentage of profit?

(a) 12% **(b) 9.09%**

(c) 14% (d) 80%

49. Sohail Khan sold a car Rs.80,000 which he was bought for Rs.90,000. What is his % loss?

(a) 61.40% (b)'55.51%

(c) 12.31% **(d) 11.11%**

50. The number, whose 3% is 60, is
(a) 2000 (b) 3000
(c) 6000 (d) 9000

51. The number, whose 5% is 35, is
(a) 500 ' (b) 600

(C) 700 (d) 800

52. If takes 14 taps to fill a swimming pool in 10 hours. How much time will ij take 5 taps to fill the pool?
(a) 25 (b) 26

(c) 27 **(d) 28**

53. The number, whose 25% is 75, is
(a) 600 (b) 500

(c) 300 (d) 400

54. 8 machines Can do a piece of work in 10 days. How long will it take 16 machines to do the work?

(a) 7 days **(b) 5 days**

(c) 6 days (d) 8 days

55. 120 men are used to build huge-building for 30 days. How long will it take 80 men to do the same work?

(a) 35 days (b) 30 days

(c) 45 days (d) 40 days

56. Akbar bought a sweater for Rs.200 and sold it Rs,250. How much profit did Akbar get?

(a) Rs.40 (b) Rs.20

(c) Rs.80   **(d) Rs.50**

57. The number, whose 20% is 100, is
(a) 400   **(b) 500**

(c) 600   (d) 700

58. Salaam bought a pair of shoes for Rs.300 and sold it Rs.370. How much profit did Salaam get?

(a) Rs.80   **(b) RS.70**

(c) Rs.75   (d) Rs.20

59. The bridge is completed in 45 days by 105 men. How long it will take 90 men to do the work?

(a) 68.7days,   (b) 61 days **(c) 521/2days**   (d) 60 days

60. If 40 men build 4 buildings in 12 months, how many men would be required to build 6 houses in 4 months?

(a) 114 men   **(b) 180 men**

(c) 140 men   (d) T60 men

61. If 80 men dug 4 holes in 12 months, how many men would be required to dig 6 holes in 4 months?

(a) 140 men   (b) 410 men

(c) 360men   (d) 40 men

62. If 15 men can do a piece of work in 8 days, how many men wtll finish it in 10 days?

(a) 14   **(b) 12**

. (c) 16   (d) 8

63. If 3 men or 6 boys can do a work in 20 days, then 6 men and 8 boys shall take:
(a) 6 days   (b) 8 days

(c) 9 days   (d) 20 days

64. The number, whose 25% is 150, is
(a) 600   (b) 700

(c) 800   (d) 900

65. If 20.men can do a piece of work in 8 days, how many men will finish it in 10 days?

(a) 4 men   **(b) 16men**

(c) 8 men   (d) 18 men

66.' AFTAB AKBAR bought a compact disc from a manufacturer for Rs. 200; he paid a 15% sales tax. If he sold the disc to a "Custoifier for Rs. 260, calculate the cash profit.;

(a) Rs. 30.00   (b) Rs, 35

(c) Rs. 32.50   (d) Rs. 28.00

67. Akbar sold his old gun Rs.900,was bought for Rs.2500. What is hte loss?

(a) 64%   (b) 82%

(c) 94%   (d) 15%

68. The total distance from school to is 35km. Noor khan covered a dis of 20km. What percentage of the'
distance has he covered?

(a) 314%   (b) 219%

(c) 48.57%   (d) 103.57%

69. This road is only 50 km long We covered c distance of 20 km. What percentage of distance have we covered?

(a) 40%   (b) 69%

(c) 48%   (d) 53%

70. The price of a glass set increases Rs.600 to Rs.710. what is the percentage increases?

(a) 18.33%   (b) 17.33

(c) 10%   (d) 14%

71. The original price of a gift pack is A discount of 15% is allowed in shop. What is the sale price,
(a) Rs.65   (b) Rs.68

(c) Rs.61   (d) Rs.50

72. 8 men can do a work in 60 days. How long will it take 6 men to do the work?
(a) 50days   (b) 90 days

(c> 120 days   (d) 19 days

73. Which number will come next?
1.2.4.8.16.

(a) 20   '(b) 24

(c) 28   (d) 32

74. Which number wilj come next?
6.3.12.6.24.

(a) 12   (b) 18

(c) 30   (d) 48

76 Which number will come next?

64,32,16,8._____

(a) 0   (b) 1

(c) 2   **(d) 4**

77.   Which number will come next?
87,90,84,88,81,.___

(a) 85   (b) 98

(c) 86'   (d) 76

78.   Which number will come next?
2,4,7,11,16,_____

(a) 18   (b) 20

(c) 22'   (d) 25

79.   Which number will come next?
5,14,27,44,65.,____

(a) 109   **(b) 90'**

(c) 88   '   (d) 180

80.   Which number will come next?
1,4,10, 22,46,_____

(a) 68   (b) 48

(c) 12   **(d) 94'**

81.   Which number will come next?
3,6,8,16,19,._____

(a) 21   **(b) 38'**

(c) 35   (d) 36

82.   Which number will *come* next?
212 179 146 113,_____

(a)   90   (b) 85

(c)   80   (d) 75

83.   Which number will come next?

20, 32 45, 59, 74,____   *

(a) 95   **(b) 90'**

(C) 85   (d) 79

84. Which number will come next?

210, 195, 175, 150, 120_____

(a) 95   (b) 90

(c) 85'   (d) 80

85. A can do a piece of work in 10 days and B can do it in 15 days. The number of days   required   by them   to finish   it, working together is

(a) 8   (b) 7

(c) 6'   (d) 4

86. Which number will come next?

3,6,^,20.7,42,9,_____

(a) 60   (b) 54

(c) 72'   (d) 66

87. Which number will come next?

2,3,5,6,,9,10,11,13,_____

(a) 12   (b) 15

(c) 14'   (d) 16

88. Which number will come next?
0,1,8,27,64,_____

(a) 122   (b) 128.

(c) 125' (d) 256

89. A man pays 10% of his income for his income tax. If his income tax amounts to Rs. 1500, what is his income?

(a) Rs. 13000   **(b)Rs. 15000'** (c) Rs. 17000 fe'(d) Rs. 19000

90. A man is 5 times as old as his son. 2 years ago the sum of the squares of their ages was 114. Find the present age of son.

(a) 7 years'   (b) 9 years

(c) 8 years   (d) 8^{1}/z years

91. The number, whose 13% is 52, is
(a) 300   **(b) 400'**
(c) 500   (d) 900

92. 15 men can do a work in 12 days. How long it will take. 9 men to do the work?

(a) 14 days   **(b) 20 days'**

(c) 9 days   (d) 19 days

93. 40 men can do work in 25 days. How long it will take 25 men to do the work? .

(a) 50 days   .**(b) 40 days'**

(c) 60 days   (d) 70 days

94. 60 men can do a work in 40 days. How long it will take 20 men to do the work?

(a) 160 days   (b) 40 days

(c) 180 days   (**d) 120 days'**

95. The number, whose 15% is 75, is

(a) 500'   (b) 600

(c) 700   (d) 800

96. A shopkeeper bought a radio from a wholesaler for Rs. 250.00. In addition, he paid a sales tax of 15% on the cost

price. He then sold the radio for Rs. 315.00. Calculate the cash profit made by the shopkeeper.

(a) Rs. 20.00   (b) Rs. 22.50

(c) Rs. 25.00   **(d) Rs. 27.50'**

97. A man takes 50 minutes to cover a certain distance at a speed of 6 km/hr. If he walks with a speed of 10 km/hr, he covers the same distance in

(a) 1 hour   **(b) 30 minutes'**

98. The number, whose 5% is 10, is

(a) 100'   (b) 200

(c) 300   (d) 400

99. The difference between simple and compound interest on Rs. 1625 for 3 years at 4% per annum in rupees is

(a) 7.95   **(b) 7.90'**

(c) 7.70   , (d) 7.75

1. 100. The number, whose 5% is 55,,is
    (a) 1100'   (b) 2100
    (c) 1200   (d) 1300

2. 101. We covered a 150 km distance of Islamabad road. The total distance is 370 km. What percentage of distance have we covered?

(a) 30%'   (b) 40.54%

(c) 67%   (d) 41%

102. Which number will come next?

1,0,3,2,5,6,_____

(a) 9   (b) 8

(c) 7'   (d) 10

103. Inser|the missing number:
4 5 7 11 19

(a) 22   (b) 32

(c) 35^   (d) 24

104.Insert the missing number:
8 7 9 13 21

(a)   40   . (b) 38
(c)   37^   (d) 39

105.Insert the missing number:
64 48 36 34

(a)   33   (b)32
(c)   38   (d) 30

106. Insert the missing number:
718 (26) 582 474 (…)226
(a)   16   (b) 14

(c)   18   (d) 12

107.Insert the missing number:
11 12 14 ? 26 42

(a)   28   (b) 24

(c)   18   (d) 32

108. Which one number will complete following number series?

8,9,8,7,10,9,6,11,10_____ 12

(a) 11   (b) 7

(c) 7   **(d) 5'**

109. Which number will come next?

Series: 1, 3, 7,15, 31, 63,_____

(a) 123   (b) 125

(c) 127'   (d) 129

110. By selling a fan for Rs. 475, a person j loses 5%. To get a gain of 5%, he should 1 seU the fan for:

(a) Rs. 500   **(b) Rs. 525'**

(c) Rs. 535   (d) Rs. 575

111. The enrollment in a certain secondary school was 450 in 1979.
By 1980 the enrollment had increased by 16%, what was the enrollment in 1980?

(a) Rs.512   (b) Rs.518

(c) Rs.522^   (d) Rs.526

113. Which number will come next?
5,3,6,2,7,1————

(a) 0   (b) 2

(c) 8'   (d) 4

114. All gained 510 marks in matriculation examination. What percentage of marks did he gain?

(a) 60%'   (b) 57%

(c) 71%   (d) 73%

115. Akhtar scored 178 marks out of 300 marks in a certain test. What percentage of marks did he score?

(a) 48%   (b) 52.41%

(c) 61.41%   **(d) 59.33%'**

116. The price of a book increases from Rs.120 to Rs.150. What is the percentage increases?

(a) 35%   **(b) 25%'**

(c) 115%   (d) 25.25.1

117. .A cyclist covers 660 feet in 66 seconds. How many yards will he cover in the same time?

(a) 220'   (b) 600

118. The sum of 2 numbers Is 84, if one of them exceeds, the other by 12.Find the numbers?

(a) 40,52 • (b) 1,13

(c) 36,48 (d) 72,84

119. The number, whose 7% is 14, is
(a) 500 (b) 400

(c) 300 **(d) 200**

120. if the difference between 5 times and 9 times of a number is 24 the number is
(a) 4 (b) 5

(c) 6 , (d) 7

121. The speed of a car is 30km first hour and 32 km in the second hour ,!ts average speed is

(a) 30 km . **(b) 31 km**

(c) 32km (d) 33 krn

122. The number, whose 7% is 21, is
(b) 500 (b) 400-
(c) 300 (d) 200

123. What sum of money will amount to Rs,1800 in 5 years at 12% per annum simple interest"

(a) 1000 (b) 1120

{c) 1125 (d) 1130

124. Anwar bought a shirt for Rs.SOO and sold it Rs,525, What profit did Anwar get?

(a) Ra.35 (b) Rs.30

(c) Rs.25 (d) Rs.20

125. Sarwar Gujar bought a table for Rs.200 and sold it Rs.17§, How much loss did Sarwsr Gujar gsi?

(a) Rs,25 (b) Rs,20

(c) Rs.40 (d) Rs.30

126. All sold a table for Rs.SOO which he was bought for Rs.1000. What is his % loss?
(a) 20% (b) 80%

 (c) 14% (d) 17%

127. Which number will come next?

8,13,10,15,12,17,14——–

(a) 19 (b) 22

(c) 16 (d) 20

128. Which number will come next?
2.5.8.11.14.

(a) 18   **(b) 17**

(c) 19   (d) 16

129. Which number will come next?
1,1,8,4,27,9,;_____ „_

(a) 4   (b) 6

(c) 9   **(d) 16**

130. Which number wiii come next?
2.20,74,110,_____

(a) 115   (b) 132

(c) 114   **(d) 182**

131. A basketball team won 18 out of 30 games played, What percentage of marks did he score?

(a) 8Q%   (b) 40%

(c) 43%   (d) 87%

132. The number, whose 9% is 63, Is
(a) 700   (b) 800

(c) 900   (d) 600

133.   The bridge is completed in 20 days by 80 men, How long would 70 men to eomplete the work?

(a) 30 days   (b) 29 days

(c) 23 days   (d) 26 days

134.   The road is completed In 35 days by 70 men. How long it will take 40 men to eomplite the work?

(a) 58 days   **(b) 61 days**

(6) 30 days   (d) 32 days