Basic Arithmetic Mcqs: Answer Key= bold

- 1) 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%
- 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%**

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 younger 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

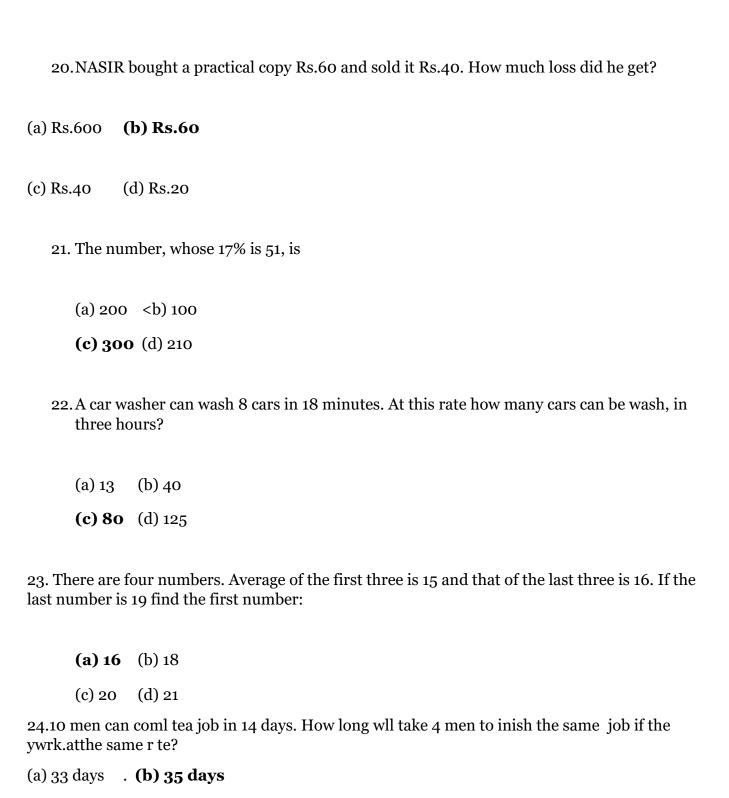
(a) Rs. 540 **(b) Rs. 720'**

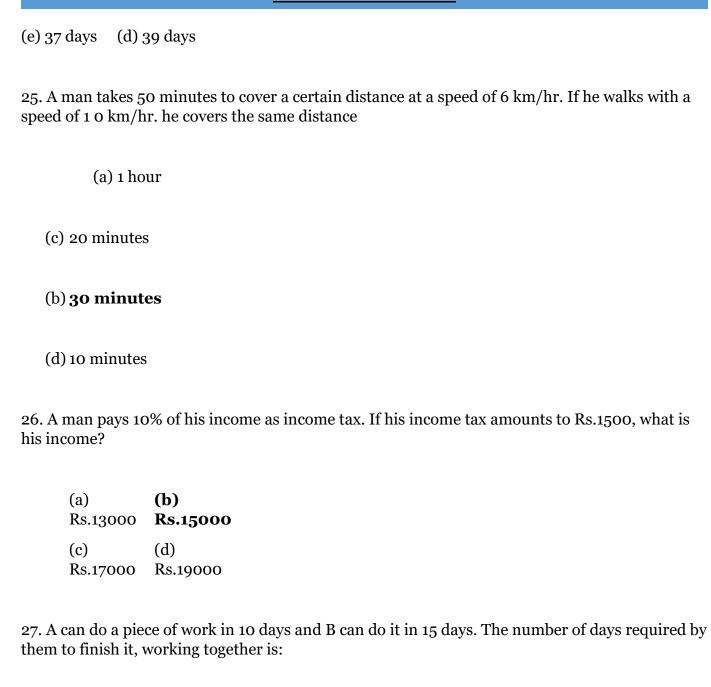
- (c) Rs.960 (d) Rs.1080
- 14. In the exam 45% students failed and 550 students were successful. The total number of students who appeared in the exam were:
 - (a) 1000' (b) 900
 - (c) 1500 (d) 800
 - 15. Nasir read 60 pages of *a* book on the first day. This was 20% more than the number of pages he read on the
 - y. Given that he r ad 1/6 of the book on the. Second day, f pages in the b k he had second d fi d the number read.
 - (a) 300'(b) 290
 - 16. Mr. Rehraan ordered a car worth Rs.600.000 and was given a discount. Given that he paid Rs.57,0000 for his

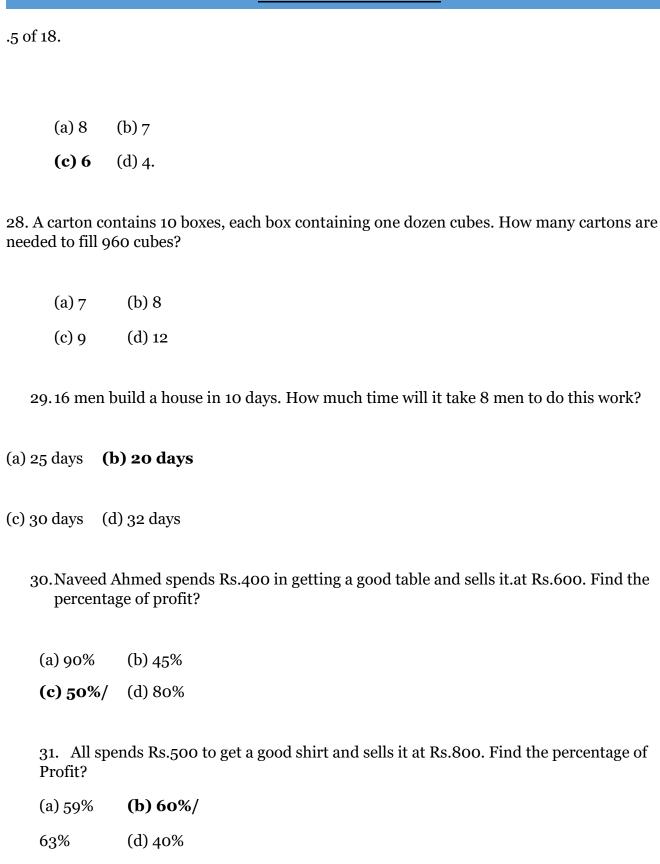
new car, calculate the percentage discount he received:

- **(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
- 19. 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







32. Insert the missing number 5? 14 10 97

- (a) **18** (b) 16
- (c) 14 (d) 12

Insert the missing

33.number:

34 (250) 466 282 ()

1 398

- (a) 228 **(b) 232**
- (c) 226 (d) 240

34. Insert the missing number:

7 14 10 12 14 9

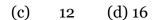
- (a) **19** (bj 17
- (c) 14 (d) 15

36. jnsert the missing number:

172 84 40 18

(a) 7 (b) 10





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

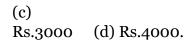
- (a) 50 days (b) 60 days
- (c) 70 days (d) 80 days

38. A man saves Rs.500 which is 15% of his annual income. How much does he earn in one year?

- (a) **(b)** 3542.50 **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



- 40. Insert the missing numb r:
- 13 2 37
- (a) . 4 (b) 8
- **(c) 5** (d) 6
- 41. Which number will come next?

- (a) 69 (b) 76
- (c) 8o (d) 84
- 42. Which one number will complete the following number series?

- (a) 34 (b) 59
- **(c) 42** (d) 60
- 43. Which number will come next?

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• /	w	10	

1,2,5,12,27,58,____

- **(a) 121** (b) 136
- (c) 135 (d) 174
- 44. Which number will come next?

- (b)
- (a) 24 **13**
 - (d)
- (c) 20 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

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%

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(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 m work?	nachines Can do a piece of work in 10 days. How long will it take 16 machines to do the
(a)7days	(b)5days.com
(c) 6 days	(d) 8 days
	men are used to build huge-building for 30 days. How long will it take 80 men to do same work?
(a) 35 da	ys (b) 30 days
(c) 45 days	s (d) 40 days
56. Akl	oar 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	e number, whose 20% is 100, is
(a)	400 (b) 500
(c)	600 (d) 700
58.Sala get	aam bought a pair of shoes for Rs.300 and sold it Rs.370. How much profit did Salaam?
(a) Rs.80	(b) RS.70

(c) Rs.75	(d) Rs.20
59. The b work?	ridge is completed in 45 days by 105 men. How long it will take 90 men to do the
(a) 68.7days,	(b) 61 days (c) 521/2days (d) 60 days
	men build 4 buildings in 12 months, how many men would be required to build 6 s in 4 months?
(a) 114 men	(b) 180 men
(c) 140 men	(d) T60 men
61. If 80 montl	men dug 4 holes in 12 months, how many men would be required to dig 6 holes in 4 ns?
(a) 140 men	(b) 410 men
(c) 360mer	n (d) 40 men
62. If 15 n	nen 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 wo k in 20 days, then 6 men a d 8 boys shall take: **(a) 6 days (b)** 8 days (d) 20 days 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%
(C) 9470	(u) 15/0

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**.com**

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

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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.____

(c) 2	(d) 4
77. Which	number will come next?
87,90,84,88	3,81,
(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?
5,14,27,44,6	5-,
(a) 109	(b) 90'
(c) 88 =	(d) 180
80. Which	n number will come next?
1,4,10, 22,40	5,
(a) 68	(b) 48
(c) 12	(d) 94'
81. Which	n number will come next?
3,6,8,16,19,	·
(a) 21	(b) 38'
(c) 35	(d) 36
o://www.comme	ercepk.com/mcgs-complete-sc

(b) 1

(a) o

82. Which number will *come* next?

212 179 146 113,____

- (a) 90 (b) 85
- (c) 8o (d) 75

83. Which number will come next?

20, 32 45, 59, 74,____

84. Which number will come next?

85. A can do a piece of work in 10 days and B can do it in 15 days. The number

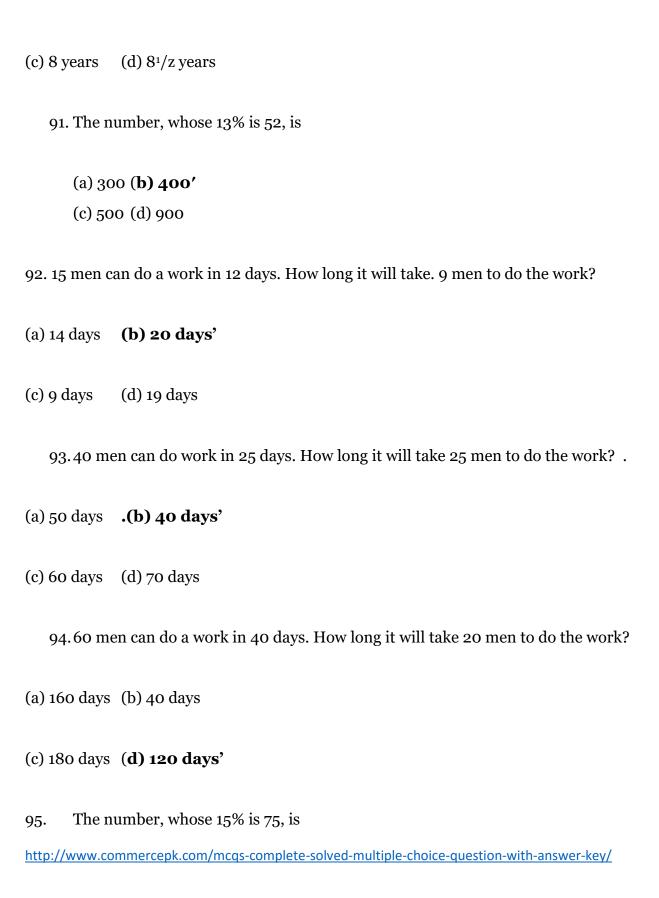
of days required by them to finish it, working together is

86. Which number will come next?

(a) 60 (b) 54

Which number will come next?

- **(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



(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.
- (b) Rs.
- 20.00
- 22.50
- (c) Rs.
- (d) Rs.
- 25.00
- **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

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years at 4% per annum in rupees is

(a)

7.95 **(b)** 7.90'

(c)

7.70 , (d) 7.75

The number, whose 5% is

1. 100. 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. lnser|the missing number:
- 457 1119
- (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**

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?

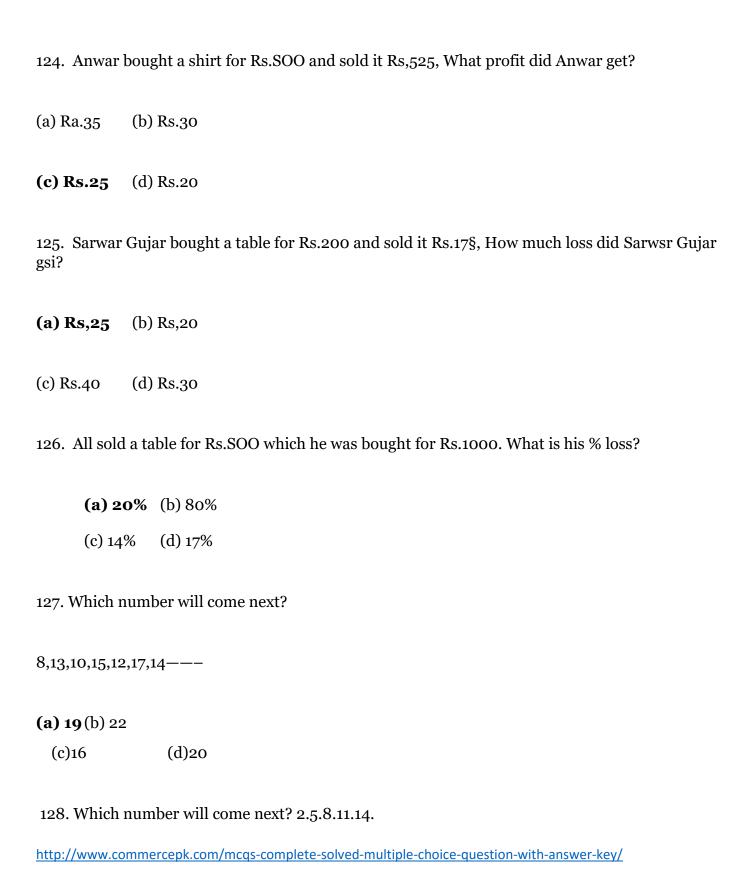
113. Which number will come next?

- (a) o (b) 2
- (c) 8' (d) 4

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

(c) 71% (d) 73% Akhtar scored 178 marks out of 300 marks in a certain test. What percentage of marks 115. 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 The sum of 2 numbers Is 84, if one of them exceeds, the other by 12. Find the 118. numbers? (a) 40,52 • (b) 1,13 (c) 36,48 (d) 72,84 (c)(d)200 119. The number, whose 7% is 14, is (b) 400 (a) 500 300 if the difference between 5 times and 9 times of a number is 120. 24 the number is (a) 4 (b) 5 (d)7(c) 6 The speed of a car is 30km first hour and 32 km in the second hour ,!ts average speed 121. 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





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

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

