Quantitative Aptitude

S.N O	YEAR	MAJOR	SUB	UNIT	CHAPTER	SEC.	Q.TYPE	QUESTION <u>«</u>	<u>>></u>
1	2017	BSM	5AUM A	1	1	Α	ОВЈ	A completes a work in 12 days and B complete the same work in 24 days. If both of them work together, then the number of days required to complete the work will be A. 8 days B. 7 days C. 6 days D. 5 days	D
2	2017	BSM	5AUM A	1	1	Α	ОВЈ		<u>D</u>
3	2017	BSM	5AUM A	1	1	Α	OBJ	If 3 persons can do 3 times of a particular work in 3 days, then, 7 persons can do 7 times of that work in A. 1 day B. 2 days C. 4 days D. 3 days	D
4	2017	BSM	5AUM A	1	1	Α	ОВЈ		D

								A. 1 day B. 3days C. 8 days D. 4 days Answer is: C
5	2017	BSM	5AUM A	1	1	Α	ОВЈ	12 men work 8 hours per day to complete the work in 10 days. To complete the same work in 8 days, working 15 hours a day, the number of men required A. 2 days B. 4 days C. 6 days D. 8 days Answer is: D
6	2017	BSM	5AUM A	1	1	Α	ОВЈ	If 5 people undertook a piece of construction work and finished half the job in 15 days. If two people drop out, then the job will be completed in A. 25 days B. 20 days C. 15 days D. 10 days Answer is: A
7	2017	BSM	5AUM A	1	1	Α	ОВЈ	30 labourers working 7 hours a day can finish a piece of work in 18 days. If the labourers work 6 hours a day, then the number of labourers required to finish the same piece of work in 30 days will be A. 21 days B. 20 days C. 22 days D. 23 days Answer is: A
8	2017	BSM	5AUM A	1	1	А	ОВЈ	If 5 girls can embroider a dress in 9 days, then the number of days taken by 3

								girls will be A. 15 days B. 20 days C. 25 days D. 30 days Answer is: A
9	2017	BSM	5AUM A	1	1	А	ОВЈ	A and B together can plough a field in 10 hours but by himself A requires 15 hours. How long would B take to plough the same field? A. 10 hours B. 20 hours C. 30 hours D. 40 hours
10	2017	BSM	5AUM A	1	1	Α	ОВЈ	16 men or 20 women can finish a work in 25 days. How many days 28 men and 15 women will take to finish this job? A. 4 days B. 6 days C. 8 days D. 10 days Answer is: D
11	2017	BSM	5AUM A	1	1	Α	ОВЈ	Ram and Shyam can complete a work together in 20 days. If Ram alone complete the work in 36 days, find the number of days Shyam alone will take to complete the task. A. 45 B. 50 C. 55 D. 60 Answer is: A
12	2017	BSM	5AUM A	1	1	А	ОВЈ	Ajay is twice efficient as Vijay. If Vijay can complete the work in 48 days, find the

								number days to complete the work if both work together. A. 15 B. 16 C. 17 D. 18 Answer is: B
13	2017	BSM	5AUM A	1	1	Α	ОВЈ	Vicky and Arun can complete a piece of work in 15 and 10 days. In how many days the work will be completed if both work together? A. 4days B. 5days C. 6days D. 7days
14	2017	BSM	5AUM A	1	1	Α	ОВЈ	Vinay and Vicky can complete a piece of work in 30 and 15 days repectively by working alone. After how many days 80% of the work would have got completed? A. 14days B. 12days C. 10days D. 8days
15	2017	BSM	5AUM A	1	1	Α	ОВЈ	If A and B can complete the work in 24 and 40 days, Find the number of days required by them to complete the work if they work together. A. 13days B. 14days C. 15days D. 16days Answer is: C
16	2017	BSM	5AUM A	1	1	Α	ОВЈ	Find the HCF of 59, 14?

								A. 1 B. 2 C. 3 D. 4 Answer is: A
17	2017	BSM	5AUM A	1	1	A	OBJ	Two people run around circular track and take 42 sec and 30 sec to make one complete round. If they start together after how much amount of time will they meet again in the same place? A. 3mins 20secs B. 3mins 25secs C. 3mins D. 3mins 35secs Answer is: C
18	2017	BSM	5AUM A	1	1	A	OBJ	What number should come next? 173, 196, 219, 242, A. 263 B. 264 C. 265 D. 266 Answer is: C
19	2017	BSM	5AUM A	1	1	Α	ОВЈ	What should come in place of in the below number series? 173, 149, 125, 101, A. 75 B. 76 C. 77 D. 78 Answer is: C
20	2017	BSM	5AUM A	1	1	А	OBJ	Find the HCF of 59, 12? A. 2 B. 1 C. 3 D. 4

								Answer is : B
21	2017	BSM	5AUM A	1	1	Α	ОВЈ	Find the LCM of 42, 20? A. 360 B. 420 C. 480 D. 540
22	2017	BSM	5AUM A	1	1	Α	ОВЈ	Answer is: B In the below given sequence, what should be the next number? 173, 195, 217, 239, A. 257 B. 259 C. 261 D. 263 Answer is: C
23	2017	BSM	5AUM A	1	1	Α	ОВЈ	Output of a particular program follows the below pattern. Can you find the next number? 173, 151, 129, 107, A. 83 B. 84 C. 85 D. 86 Answer is: C
24	2017	BSM	5AUM A	1	1	Α	ОВЈ	Find the HCF of 59, 10? A. 1 B. 2 C. 3 D. 4 Answer is: A
25	2017	BSM	5AUM A	1	1	Α	ОВЈ	Two bells toll at an interval of 42 and 24 seconds respectively. After they start at the same time, again after how many seconds will they rings together?

								A 160 B 170
								A. 168 B. 170
								C. 172 D. 174
								Answer is : A
26	2017	BSM	5AUM A	1	1	A	ОВЈ	A Computer program gave the following output. Can you predict the next number that the computer program would generate as output? 173, 188, 203, 218, A. 233 B. 234 C. 235 D. 236 Answer is: A
27	2017	BSM	5AUM	1	1	Α	OBJ	A professor wrote the below $\sqsubseteq D$
_ ,	2017	5311	A	-	-	^	CLS	series in class room. He wants his students to find the next number. Can you solve it for the professor? 173, 152, 131, 110, A. 88 B. 89 C. 90 D. 91 Answer is: B
28	2017	BSM	5AUM	1	1	Α	OBJ	Find the least two digit $\sqsubseteq D$
			А					number which will divide 42 and 7 without leaving any remainder?
								A. 42 B. 36
								C. 49 D. 56
								Answer is : A
29	2017	BSM	5AUM A	1	1	А	OBJ	Find the LCM of 42, 3? A. 40 B. 38
								C. 42 D. 44

								Answer is : C
30	2017	BSM	5AUM A	1	1	Α	ОВЈ	Fourth number is missing in the below series. Can you find the Fourth number in the below series? 133, 156, 179, X, 225, 248 A. 202 B. 204 C. 206 D. 208 Answer is: A
31	2017	BSM	5AUM A	2	1	Α	ОВЈ	Simple interest on Rs 1600 at 6% p.a. for 146 days is A. 192 B. 40 C. 38.4 D. 76.8 Answer is: C
32	2017	BSM	5AUM A	2	1	Α	ОВЈ	What is the half yearly interest received for Rs 2500 in a bank on a fixed deposit for 2 years if the rate of interest is 10%? A. 250 B. 125 C. 375 D. 500 Answer is: D
33	2017	BSM	5AUM A	2	1	Α	ОВЈ	A sum of money amounts to Rs. 1352 in two years at 4% per annum of compound interest. The sum is A. 1200 B. 1250 C. 1280 D. 1296 Answer is: B

34	2017	BSM	5AUM A	2	1	Α	ОВЈ	A sum of money lent at simple interest amounts to Rs. 880 in two years and to Rs. 920 in three years. The sum of money (in Rs.) is
35	2017	BSM	5AUM A	2	1	Α	ОВЈ	A certain sum at a simple interest amounts to Rs. 1350 in 5 years to Rs. 1620 in 8 years. What is the sum? A. 700 B. 800 C. 900 D. 1000 Answer is: C
36	2017	BSM	5AUM A	2	1	Α	ОВЈ	The sum which amounts to Rs. 364.80 in 8 years at 3.5% simple interest per annum is A. 270 B. 275 C. 280 D. 285 Answer is: D
37	2017	BSM	5AUM A	2	1	Α	ОВЈ	Simple interest =
38	2017	BSM	5AUM A	2	1	Α	OBJ	E D

								P = Rs 8000, Term = 5 years, Rate of interest = 12% .p.a. Compound interest = A 6000 B. 6020 C. 6080 D 6098 Answer is: D
39	2017	BSM	5AUM A	2	1	A	OBJ	The Simple interest for Rs.23000 for 3 years at 10% is A. 6950 B. 6850 C. 6900 D. 7000 Answer is: C
40	2017	BSM	5AUM A	2	1	Α	ОВЈ	The Simple interest on Rs 5000 at 10% for 3 years is A. 6500 B. 500 C. 1000 D. 1500 Answer is: D
41	2017	BSM	5AUM A	2	1	Α	ОВЈ	Calculate the exact simple interest for Rs 1000 for 73 days at 10%.p.a. A. 15 B. 20 C. 40 D. 60 Answer is: B
42	2017	BSM	5AUM A	2	1	А	ОВЈ	The compound interest for Rs 10000 for 2 years at 10% p.a. is A. 2000 B. 12100 C. 2200 D. 12000

								Answer is : B
43	2017	BSM	5AUM A	2	1	A	ОВЈ	Under Compound interest, $A = \underline{\hspace{1cm}}$ $A. P(1+ni) B. P(1+i)$ $C. P(1+i)^n D. none$ Answer is: C
44	2017	BSM	5AUM A	2	1	Α	ОВЈ	Under simple interest, the interest for n years is times the interest for one year. A. 1 B. n C. n+1 D. 0 Answer is: B
45	2017	BSM	5AUM A	2	1	А	ОВЈ	Under Compound interest, P = \square A. A /(1+i) ⁿ B. A(1+i) C. Ani D. none Answer is: A
46	2017	BSM	5AUM A	2	1	Α	ОВЈ	A sum of money at simple interest amounts to Rs815 in 3 years and to Rs854 in 4 years. The sum is A. 650 B. 690 C. 698 D. 700 Answer is: C
47	2017	BSM	5AUM A	2	1	А	ОВЈ	The present value of perpetuity of Rs 5000 at 20% p.a. is A. 1000 B. 6000 C. 25000 D. 10000

								Answer is : C
48	2017	BSM	5AUM A	2	1	А	ОВЈ	Effective rate is denoted by A. P B. A C. n D. s Answer is: D
49	2017	BSM	5AUM A	2	1	А	ОВЈ	If Compound interest is calculated yearly, then r = A. P B. A C. n D. s
50	2017	BSM	5AUM A	2	1	Α	ОВЈ	Rate of interest quoted per annum is known as A. simple interest B. effective rate C. nominal D. none
		FIRST	PR	REVIOU	IS Pa	ge : 1	/ 4	Answer is : B NEXT LAST
S.N	YEAR	MAJOR			CHAPTER			QUESTION «»
51	2017	BSM	5AUM A		1	Α	ОВЈ	The Nominal rate of interest per annum is 10% and the interest is compounded half yearly,
								then the effective rate of interest is

52	2017	BSM	5AUM A	2	1	Α	ОВЈ	Under Compound interest, if the money depreciates at the rate of i per rupee, the amount after n years is given by $A = \underline{\hspace{1cm}}$. A. $P(1+i)^n$ B. $P(1-i)^n$ C. Pni D. none
								Answer is : B
53	2017	BSM	5AUM A	2	1	Α	OBJ	Present value of A is $P = $
54	2017	BSM	5AUM A	2	1	A	ОВЈ	Answer is: C The compound interest on Rs. 36,000 lent at 10% per annum for 5/2 years, if the interest is compounded annually, is A. 7560 B. 9000 C. 9738 D. 11916 Answer is: A
55	2017	BSM	5AUM A	2	1	Α	ОВЈ	The simple interest on Rs 68000 at (50/3)% per annum for 9 months is A. 8000 B. 8500 C. 9000 D. 9500 Answer is: B
56	2017	BSM	5AUM A	2	1	Α	OBJ	At what rate percent per annum will a sum of money

								double in 6 years? A. 16.6% B. (25/4)% C. 6.5% D. 7% Answer is: A
57	2017	BSM	5AUM A	2	1	Α	ОВЈ	What is the present worth of Rs 132 due in 2 years at 5% simple interest per annum? A. 112 B. 118.8 C. 120 D. 122 Answer is: C
58	2017	BSM	5AUM A	2	1	А	ОВЈ	A sum of Rs. 12,500 amounts to Rs. 15,500 in 4 years at the rate of simple interest. What is the rate of interest? A. 3 B. 4 C. 5 D. 6 Answer is: D
59	2017	BSM	5AUM A	2	1	Α	ОВЈ	Peter borrowed Rs. 2000 from his friend at the rate of 3 (1/2) % per annum of 4 years. Find the amount to be paid at the end of 4 years. A. 2240 B. 2260 C. 2280 D. 2300 Answer is: C
60	2017	BSM	5AUM A	2	1	А	OBJ	Reena took a loan of Rs. 1200 with simple interest for as many years as the rate of interest. If she paid Rs. 432

								as interest at the end of the loan period, what was the rate of interest? A. 6 B. 7 C. 8 D. 9 Answer is: A
61	2017	BSM	5AUM A	3	1	Α	OBJ	A train 110 m long is running with speed of 60 km/hr .In what time will it pass a man who is running at 6 km/hr in the direction opposite to that in which the train is going? A. 4 sec B. 6 sec C. 8 sec D. 10 sec Answer is: B
62	2017	BSM	5AUM A	3	1	Α	ОВЈ	How many seconds will a 500 m long train take to cross a man walking with a speed of 3 km/hr in the direction of the moving train if the speed of the train is 63 km/hr? A. 25 B. 30 C. 35 D. 40 Answer is: B
63	2017	BSM	5AUM A	3	1	Α	ОВЈ	A train moves past a telegraph post and a bridge 336 m long in 12 seconds and 20 seconds respectively. What is the speed of the train? A. 151.2 B. 152.2 C. 153.2 D. 154.2 Answer is: A

64 2017	BSM 5AUM A	3	1	Α	ОВЈ	A train speeds past pole in 15 seconds and a platform 100 m long in 25 seconds ,its length is: A. 50 B. 100 C. 150 D. 200 Answer is: C
65 2017	BSM 5AUM A	3	1	Α	OBJ	A 300 m long train crosses a platform in 39 seconds while it crosses a signal pole in 18 seconds .What is the length of the platform? A. 300 B. 350 C. 400 D. 450 Answer is: B
66 2017	BSM 5AUM A	3	1	Α	ОВЈ	A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr ,what is the length of the platform? A. 230 B. 240 C. 250 D. 260 Answer is: B
67 2017	BSM 5AUM A	3	1	A	ОВЈ	Answer is: B A goods train runs at the speed of 72 km/hr and crosses a 250 m long platform in 26 seconds. What is the length of the goods train? A. 240m B. 250m C. 260m D. 270m Answer is: D

68	2017	BSM	5AUM A	3	1	А	ОВЈ	A train 800 m long is running at a speed of 78 km/hr. If it crosses a tunnel in 1 minute, then the length of the tunnel is: A. 400m B. 450m C. 500m D. 550m
69	2017	BSM	5AUM A	3	1	А	OBJ	The length of the bridge, which a train 130 m long and travelling at 45 km/hr can cross in 30 seconds, is: A. 245m B. 246m C. 247m D. 248m
70	2017	BSM	5AUM A	3	1	Α	ОВЈ	A train 240 m long passed a pole in 24 seconds .How long will it take to pass a platform 650 m long? A. 88m B. 89m C. 90m D. 91m Answer is: B
71	2017	BSM	5AUM A	3	1	Α	ОВЈ	A train covers a distance of 12 km in 10 minutes .If it takes 6 seconds to pass a telegraph post,then the length of the train is: A. 100m B. 120m C. 140m D. 160m Answer is: B
72	2017	BSM	5AUM A	3	1	Α	ОВЈ	A train running at the speed of 60 km/hr crosses a pole in 9 seconds .What is the length of the train? A. 135m B. 140m

								C. 145m D. 150m Answer is: D
73	2017	BSM	5AUM A	3	1	А	OBJ	A train 360 m long is running at a speed of 45 km/hr. In what time will it pass a bridge 140 m long?
								A. 40sec B. 45sec C. 50sec D. 55sec Answer is: A
74	2017	BSM	5AUM A	3	1	Α	ОВЈ	How much time does a train 110 metres long running at the speed of 72 km/hr take to cross a bridge 132 metres in length? A. 12sec B. 12.1sec C. 12.2sec D. 12.3sec
								Answer is : B
75	2017	BSM	5AUM A	3	1	А	ОВЈ	A train 280 m long, running with a speed of 63 km/hr will pass a tree in: A. 13sec B. 14sec C. 15sec D. 16sec Answer is: D
76	2017	BSM	5AUM A	3	1	A	ОВЈ	The L.C.M. of two numbers is 48. The numbers are in the ratio 2 : 3. Then sum of the number is: A. 36 B. 38 C. 40 D. 42 Answer is: C
77	2017	BSM	5AUM A	3	1	А	OBJ	Which of the following has the most number of divisors? A. 176 B. 177

								C. 178 D. 179 Answer is : A
78	2017	BSM	5AUM A	3	1	Α	ОВЈ	The greatest number which on dividing 1657 and 2037 leaves remainders 6 and 5 respectively, is: A. 127 B. 123 C. 129 D. 131
								Answer is : A
79	2017	BSM	5AUM A	3	1	Α	ОВЈ	The least number, which when divided by 12, 15, 20 and 54 leaves in each case a remainder of 8 is: A. 548 B. 550 C. 552 D. 554 Answer is: A
80	2017	BSM	5AUM A	3	1	Α	ОВЈ	Find the highest common factor of 36 and 84. A. 10 B. 12 C. 14 D. 16 Answer is: B
81	2017	BSM	5AUM A	3	1	Α	ОВЈ	Three numbers which are co-prime to each other are such that the product of the first two is 551 and that of the last two is 1073. The sum of the three numbers is: A. 85 B. 86 C. 87 D. 88 Answer is: A
82	2017	BSM	5AUM A	3	1	А	ОВЈ	The smallest number which when diminished by 7, is divisible 12, 16, 18, 21 and 28 is:

83	2017	BSM	5AUM A	3	1	Α	ОВЈ	A. 1012 B. 1015 C. 1018 D. 1021 Answer is: B The ratio of two numbers is 3: 4 and their H.C.F. is 4. Their L.C.M. is:
84	2017	BSM	5AUM A	3	1	Α	ОВЈ	A. 48 B. 12 C. 16 D. 18 Answer is: A What will be the least number which when
								doubled will be exactly divisible by 12, 18, 21 and 30 ? A. 196 B. 256 C. 356 D. 630 Answer is: D
85	2017	BSM	5AUM A	3	1	А	ОВЈ	The least number which when divided by 5, 6, 7 and 8 leaves a remainder 3, but when divided by 9 leaves no remainder, is: A. 1674 B. 1677 C. 1680 D. 1683
								Answer is : D
86	2017	BSM	5AUM A	3	1	Α	ОВЈ	The least number which should be added to 2497 so that the sum is exactly divisible by 5, 6, 4 and 3 is: A. 23 B. 24 C. 25 D. 26 Answer is: A

87	2017	BSM	5AUM A	3	1	Α	ОВЈ	The product of two numbers is 2028 and their H.C.F. is 13. The number of such pairs is:- A. 5 B. 4 C. 3 D. 2 Answer is: D
88	2017	BSM	5AUM A	3	1	Α	ОВЈ	The product of two numbers is 4107. If the H.C.F. of these numbers is 37, then the greater number is: A. 101 B. 106 C. 111 D. 116 Answer is: C
89	2017	BSM	5AUM A	3	1	A	OBJ	The greatest number of four digits which is divisible by 15, 25, 40 and 75 is: A. 9600 B. 9300 C. 9000 D. 9900 Answer is: A
90	2017	BSM	5AUM A	3	1	Α	ОВЈ	Let N be the greatest number that will divide 1305, 4665 and 6905, leaving the same remainder in each case. Then sum of the digits in N is: A. 4 B. 3 C. 2 D. 1 Answer is: A
91	2017	BSM	5AUM A	4	1	А	ОВЈ	Two tailors X and Y are paid a total of Rs. 550 per week by their employer. If X is paid 120 percent of the sum paid to Y, how much is Y paid per week?

								A. 235 B. 240 C. 245 D. 250 Answer is: D
92	2017	BSM	5AUM A	4	1	Α	ОВЈ	Solve the given expression : E D 18.5 % of 200 + 50.5 / 100 of 1400 + 20 % of 500 A. 840 B. 842 C. 844 D. 846 Answer is : C
93	2017	BSM	5AUM A	4	1	Α	ОВЈ	An article worth Rs. 1200 is given two successive discounts of 10 % and 10 % respectively. What is the percentage of discount which is equivalent to give as single discount? A. 16 B. 17 C. 18 D. 19 Answer is: D
94	2017	BSM	5AUM A	4	1	А	ОВЈ	What is 11.5% of 4000? A. 440 B. 450 C. 460 D. 470 Answer is: C
95	2017	BSM	5AUM A	4	1	Α	ОВЈ	What is 15.25% of 3500? A. 555.55 B. 544.45 C. 522.25 D. 533.75 Answer is: D

96	2017	BSM	5AUM A	4	1	Α	ОВЈ	What is 14.5% of 3500?
								A. 507.5 B. 521.03
								C. 508.25 D. 512.35
								Answer is : A
97	2017	BSM	5AUM A	4	1	A	OBJ	What is 13.75% of 3500?
								A. 478.25 B. 479.25
								C. 480.25 D. 481.25
								Answer is : D
98	2017	BSM	5AUM A	4	1	Α	ОВЈ	What is 13% of 3500?
								A. 455 B. 460
								C. 465 D. 470
								Answer is : A
99	2017	BSM	5AUM A	4	1	А	ОВЈ	What is 13% of 3500? $\sqsubseteq \square$
								A. 428.75 B. 428.80
								C. 428.85 D. 428.90
								Answer is : A
100	2017	BSM	5AUM A	4	1	Α	OBJ	What is 11.5% of 3500? $\sqsubseteq \square$
								A. 402.5 B. 403
								C. 403.5 D. 404
								Answer is : A
		<u>FIRST</u>	PF	REVIOL	<mark>JS</mark> Pa	ge : 2		NEXT LAST
S.N O	YEAR	MAJOR	SUB	UNIT	CHAPTER	SEC.	Q.TYPE	QUESTION « »

101	2017	BSM	5AUM A	4	1	Α	ОВЈ	Evaluate the Expression: 15.99% of 900 - 2.01% of 780 A. 128 B. 130 C. 132 D. 134 Answer is: A
102	2017	BSM	5AUM A	4	1	Α	ОВЈ	Evaluate the Expression: 14.99% of 940 + 9.99% of 820 A. 221 B. 222 C. 223 D. 224 Answer is: C
103	2017	BSM	5AUM A	4	1	А	ОВЈ	Evaluate the Expression: 63% of 860 - 43% of 645 A. 262.5 B. 263.5 C. 264.5 D. 265.5 Answer is: C
104	2017	BSM	5AUM A	4	1	Α	ОВЈ	Evaluate the Expression: 53% of 660 - 33% of 445 A. 203 B. 224 C. 225 D. 226 Answer is: A
105	2017	BSM	5AUM A	4	1	Α	ОВЈ	Evaluate the Expression: 42.01% of 910 - 3.99% of 790 A. 348 B. 349 C. 350 D. 351 Answer is: D
106	2017	BSM	5AUM A	4	1	А	OBJ	If $a/b = 3 / 2$ then find $(3a + b) / (3a - b) =$ A. $8/7$ B. $9/7$

								C. 10/7 D. 11/7 Answer is: D
107	2017	BSM	5AUM A	4	1	А	ОВЈ	If a:b = 1 : 2 and b : c = 3 : 2 then a : b : c = A. 3:4:6 B. 3:1:2 C. 3:2:3 D. 3:6:4
108	2017	BSM	5AUM A	4	1	Α	ОВЈ	For every 2 chocolate Ram gets Shyam is given 3 chocolate. If the total number of chocolate distributed to them is 65, then find the number of chocolates Shyam received. A. 38 B. 39 C. 40 D. 41 Answer is: B
109	2017	BSM	5AUM A	4	1	A	ОВЈ	The ratio of number of boys and girls in a school of 720 students is 7:5. How many more girls should be admitted to make the ratio 1:1? A. 105 B. 110 C. 115 D. 120 Answer is: D
110	2017	BSM	5AUM A	4	1	Α	ОВЈ	Two numbers are in the ratio 7:9. If 12 is subtracted from each of them, the ratio becomes 3:5. The product of the numbers is: A. 567 B. 568 C. 569 D. 570 Answer is: A

111	2017	BSM	5AUM A	4	1	Α	OBJ	If two numbers are in the ratio 6: 13 and their least common multiple is 312, the sum of the numbers is A. 74 B. 75 C. 76 D. 77 Answer is: C
112	2017	BSM	5AUM A	4	1	Α	ОВЈ	The mean proportion between 9 & 36 is: A. 18 B. 20 C. 22 D. 24 Answer is: A
113	2017	BSM	5AUM A	4	1	А	ОВЈ	Ratio between two numbers is 3:2 and their difference is 225, then the smaller number is A. 435 B. 440 C. 445 D. 450 Answer is: D
114	2017	BSM	5AUM A	4	1	Α	ОВЈ	Eight people are planning to share equally the cost of a rental car. If one person withdraws from the arrangement and the others share equally the entire cost of the car, then the share of each of the remaining persons increased by A. 1-7th B. 1-8th C. 1-9th D. none
115	2017	BSM	5AUM A	4	1	Α	ОВЈ	If the ratio of boys to girls in a class is B and the ratio of girls to boys is G, then 3 (B

								+ G) is A. =3 B. <3 C. >3 D. none Answer is : C
116	2017	BSM	5AUM A	4	1	Α	ОВЈ	Two numbers are in the ratio of 1 : 2. If 7 be added to both, their ratio changes to 3:5. The greater number is A. 22 B. 24 C. 26 D. 28 Answer is: D
117	2017	BSM	5AUM A	4	1	Α	ОВЈ	Radhika purchased one dozen bangles. One day she slipped on the floor fell down. What cannot be the ratio of broken to unbroken bangles? A. 2:3 B. 3:4 C. 4:5 D. 5:6 Answer is: A
118	2017	BSM	5AUM A	4	1	Α	ОВЈ	Rs. 770 have been divided among A, B and C such that A receives two-ninths of what B and C together receive. Then A's share is A. 140 B. 141 C. 142 D. 143 Answer is: A
119	2017	BSM	5AUM A	4	1	А	OBJ	Find the triplicate ratio of 3: 11 A. 27:100 B. 27:1009

120	2017	BSM	5AUM A	4	1	Α	ОВЈ	C. 27:1000 D. 27:1331 Answer is: D Two numbers are in the ratio 2:3. If eight is added to both the numbers, the ratio becomes 3:4. The numbers are A. 16 and 20 B. 16 and 22 C. 16 and 24 D. 16 and 26 Answer is: C
121	2017	BSM	5AUM A	5	1	A	ОВЈ	A family consists of two grandparents, two parents and three grandchildren. The average age of the grandparents is 67 years, that of the parents is 35 years and that of the grandchildren is 6 years. What is the average age of the family? A. 31 B. 31(5/7) C. 32 D. none
122	2017	BSM	5AUM A	5	1	Α	ОВЈ	Answer is: B If 13:11 is the ratio of present age of Jothi and Viji respectively and 15:9 is the ratio between Jothi's age 4 years hence and Viji's age 4 years ago. Then what will be the ratio of Jothi's age 4 years ago and Viji's age 4 years hence? A. 11:13 B. 13:15 C. 15:17 D. none Answer is: A

123	2017	BSM	5AUM A	5	1	Α	ОВЈ	The average age of a group of 10 students was 14. The average age increased by 1 years when two new students joined the group. What is the average age of the two new students who joined the group? A. 19 B. 20 C. 22 D. none
								Answer is : B
124	2017	BSM	5AUM A	5	1	Α	ОВЈ	The average age of a group of 10 students was 12. The average age increased by 2 years when two new students joined the group. What is the average age of the two new students who joined the group? A. 22 B. 23 C. 24 D. none
125	2017	BSM	5AUM	5	1	А	OBJ	Answer is: C The average age of a group E D
123	2017	5511	A	J	•			The average age of a group of 10 students was 24. The average age increased by 1 years when two new students joined the group. What is the average age of the two new students who joined the group? A. 27 B. 28 C. 29 D. 30 Answer is: D
126	2017	BSM	5AUM	5	1	Α	ОВЈ	The average age of a group $\sqsubseteq D$
			А					of 10 students was 6. The average age increased by 2 years when two new students joined the group. What is the average age of

								the two new students who joined the group? A. 15 B. 16 C. 18 D. none
127	2017	BSM	5AUM A	5	1	A	ОВЈ	Answer is: C The average age of a group of 10 students was 10. The average age increased by 1 years when two new students joined the group. What is the average age of the two new students who joined the group? A. 16 B. 17 C. 18 D. none
128	2017	BSM	5AUM A	5	1	A	ОВЈ	Answer is: A The average age of a group of 10 students was 22. The average age increased by 1 years when two new students joined the group. What is the average age of the two new students who joined the group? A. 25 B. 26 C. 27 D. 28 Answer is: D
129	2017	BSM	5AUM A	5	1	Α	ОВЈ	The average age of a group of 10 students was 18. The average age increased by 1 year when two new students joined the group. What is the average age of the two new students who joined the group? A. 21 B. 22

								C. 23 D. 24 Answer is: D
130	2017	BSM	5AUM A	5	1	A	ОВЈ	The average age of a group of 10 students was 20. The average age increased by 2 years when two new students joined the group. What is the average age of the two new students who joined the group? A. 31 B. 32 C. 33 D. 34 Answer is: B
131	2017	BSM	5AUM A	5	1	А	ОВЈ	Find the sum of first 50 Odd Natural number. A. 2500 B. 2550 C. 2600 D. none Answer is: A
132	2017	BSM	5AUM A	5	1	Α	ОВЈ	The average of 34 numbers is zero. Of them, at the most how many may be greater than zero? A. 31 B. 32 C. 33 D. none
133	2017	BSM	5AUM A	5	1	Α	OBJ	A girl bought a book for Rs.450 and sold it at 20% profit. By using that amount she bought another book and sold it at 5% loss. Then overall profit amount is: A. 61 B. 62 C. 63 D. 64 Answer is: C

134	2017	BSM	5AUM A	5	1	А	ОВЈ	A seller gains the cost of 40 dozen apples by selling 25 dozen of apples. Find out the gain percent. A. 60% B. 62% C. 64% D. none
135	2017	BSM	5AUM A	5	1	Α	ОВЈ	A shopkeeper buys bananas at 15 for Rs 12 and sells at 12 for Rs.15. Find his gain or loss percent. A. 56.25 B. 56.5 C. 56.75 D. none
136	2017	BSM	5AUM A	5	1	Α	ОВЈ	If after three successive discounts of 30%, 20% and 10% a customer has to pay Rs.2520, what is the list price of the article? A. 3500 B. 4000 C. 4500 D. 5000 Answer is: D
137	2017	BSM	5AUM A	5	1	Α	ОВЈ	The selling price of 100 articles is the same as the cost price of 120 articles. Find gain percent. A. 10% B. 20% C. 30% D. none
138	2017	BSM	5AUM A	5	1	А	ОВЈ	A man sold a chair at a loss of 6%. Had he been able to sell it at a gain of 10%, it would have fetched Rs. 96 more than it did. What was his cost price?

139	2017	BSM	5AUM A	5	1	Α	ОВЈ	A. 450 B. 500 C. 550 D. 600 Answer is: D Find the cost price of an article which is sold at a loss of 25% for Rs. 480. A. 620 B. 630 C. 640 D. 650
140	2017	BSM	5AUM A	5	1	A	ОВЈ	Answer is: C Arjun bought a T.V with 20% discount on the labelled price. Had he bought it with 25% discount, he would have saved Rs. 500. At what price did he buy the T.V? A. 6500 B. 7000 C. 7500 D. 8000 Answer is: D
141	2017	BSM	5AUM A	5	1	Α	ОВЈ	Peter bought a laptop for Rs. 24,700, which he later sold to John for Rs. 26000. Find the profit percentage. A. 5% B. 6% C. 7% D. 8% Answer is: A
142	2017	BSM	5AUM A	5	1	Α	ОВЈ	Rajni purchased a mobile phone and a refrigerator for Rs. 12000 and Rs. 10000 respectively. She sold the first at a loss of 12% and the second at a profit of 8%. What is her overall profit/loss? A. 620 B. 630

								C. 640 D. 650 Answer is: C
143	2017	BSM	5AUM A	5	1	A	ОВЈ	A man sold a horse at a loss of 7%. Had he been able to sell it at a gain of 9%, it would have fetched Rs. 64 more than it did. What was his cost price? A. 370 B. 380
								C. 390 D. 400
144	2017	BSM	5AUM A	5	1	Α	ОВЈ	Answer is: D A grocer sells rice at a profit of 10% and uses a weight
								which is 20% less. Find his total percentage gain.
								A. 36.5 B. 37 C. 37.5 D. 38
								Answer is : C
145	2017	BSM	5AUM A	5	1	Α	ОВЈ	A dishonest dealer professes to sell his goods at cost price, but he uses a weight of 960 gm for the kg weight. Find his gain percent.
								A. 25/6 B. 26/6 C. 27/6 D. 28/6
								Answer is : A
146	2017	BSM	5AUM A	5	1	Α	ОВЈ	A reduction of 20% in the price of sugar enables a person to buy 2 kg more for Rs. 30. Find the reduced price of sugar (per kg). A. 3 B. 4 C. 5 D. 6
								Answer is : A

147	2017	BSM	5AUM A	5	1	А	ОВ	The profit earned by selling an article for Rs. 600 is equal to the loss incurred when the same article is sold for Rs. 400. What should be the sale price of the article for making 25% profit? A. 610 B. 615 C. 620 D. 625 Answer is: D
148	2017	BSM	5AUM A	5	1	А	ОВ	
149	2017	BSM	5AUM A	5	1	Α	ОВ	A shopkeeper makes a profit of 15% by selling a book for Rs.230. What is the actual profit of the book in rupees? A. 10 B. 20 C. 30 D. 40 Answer is: C
150	2017	BSM	5AUM A	5	1	А	ОВ	A farmer sells his product at a loss of 8 %. If his S.P was Rs 27600, what was his actual loss? A. 2100 B. 2200 C. 2300 D. 2400 Answer is: D
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151 2	017 BSM	5AUMA	5	1	A	ОВЈ	16500 making	s scooter for Rs. a profit of 10%. I the scooter cost B. 15500 D. 16500	<u>E</u> <u>D</u>
							Answer is : A		