Aptitude Question Paper	Total points 35/40
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Student Roll No 12 Digit *	
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Untitled Section	35 of 40 poin
✓ Q1-In a class of 50 students, 24 secured 60 marks and the rest secured 80. What is the a the class?	
64.8	
65.4	

67.2	✓
66.7	

✓ Q 2- The average age of a class of 22 students is 21 years. The average 1/1 increased by 1 when the teacher's age also included. What is the age of the teacher? 48

✓ Q 3-There are 50 students in a class. Their average weight is 45 kg. When 1/1 one student leaves the class the average weight reduces by 100 g. What is the weight of the student who left the class? 45

47.9

49.9

50.1

✓ Q 4-The average age of 16 men increases by 3 years when a person 27 1/1 years old is replaced by another. How old is the new person?

75

!

48			
O 64			

✓ Q 5-The average weight of 15 students in a group is 26 kg. When the 1/1 teacher's weight is included it becomes 30 kg. What is the weight of the teacher? 78 86

 \checkmark Q 6- The average age of a class of 19 students is 15 years. If the age of 1/1 the teacher be included, then the average increases by 9 months. Find the age of the teacher. 40 30 35

✓ Q 7- The average age of 8 men is decreased by 2 years when one of 1/1 them is replaced by a 40 year old woman. What is the age of the man who was replaced?

56 years

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\bigcirc	48 years	
0	32 years	
0	24 years	

✓ Q 8-The average wages of a worker during a fortnight comprising 15 1/1 consecutive working days was Rs.90 per day. During the first 7 days, his average wages was Rs.87/day and the average wages during the last 7 days was Rs.92 /day. What was his wage on the 8th day?

83

92

✓ Q 9-The average of ten numbers is 8. If the average of first nine numbers 1/1 is 7. Find the 10th number?

17

16

15

Q 10- The average of 50 numbers is 30. If two numbers, 35 and 40 are 1/1 discarded, then the average of the remaining numbers is nearly?

28.32

29.68

!

28.78

0	28.27

X Q 11- Two numbers are respectively 20% and 50% more than a third 0/1 number. The ratio of the two numbers is:

- 2:5
- 3:5
- 4:5
- 5:4

Correct answer

2:5

✓ Q 12- The sum of 3 numbers is 98. If ratio between first and second 1/1 numbers be 2:3 and between second and third be 5:8, then the second number is?

- 30
- 40
- 60
- Option 5

X

	✓	Q 13-A camel pursues an elephant and takes 5 leaps for every 7 leaps of the elephant, but 5 leaps of elephant are equal to 3 leaps of camel. What is the ratio of speeds of camel and elephant?	
	0	24:22	
		25 : 21	✓
	0	23:19	
	0	22:21	
	~	Q 14- Two numbers are in the ratio 3:5. If 9 is subtracted from each, the new numbers are in the ratio 12:23. The smaller number is:	1/1
	0	27	
		33	✓
	0	49	
	0	55	
	✓	Q 15- In a mixture of 60 litres, the ratio of milk and water is 2:1. What is the amount of water and milk present in the mixture?	1/1
	0	27	
		33	✓
!	0	49	

_		
	7	55
V.		55

✓	Q 16- Four numbers are in proportion. The sum of the squares of the four 1/1
	numbers is 50 and the sum of the means is 5. The ratio of the first two
	terms is1: 3.What is the average of the four numbers?

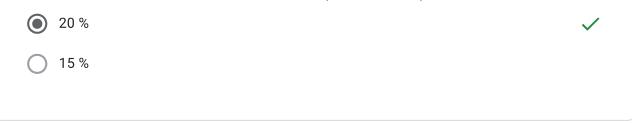


- 7:8
- 3:5
- 4:5
- 6:7

✓ Q 18- If the price of sugar increases by 25%, by what percent will a 1/1 housewife have to reduce her consumption to leave total expenditure on sugar unchanged?

- 25 %
- 35 %

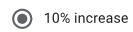
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✓ Q 19- 14 expressed as a per cent of 1.9 is ?	1/1
O 6 %	
0 10 %	
60 %	✓
90 %	

- X Q 20- The length and breadth of a room are increased by 25% and 40% 0/1 respectively. While the height is decreased by 20%. Find % change. 16 % 40 % X 60 % 30 % Correct answer 60 %
 - Q 21- If the length of a rectangle is increased by 37.5% and its breadth is 1/1 decreased by 20%, find the change in its area.
 - 15% increase
 - 13% decrease

!



10% decrease

✓ Q 22- The ratio 5 : 4 expressed as a percent equals ?

125%

1/1

80%

40%

12.5%

✓ Q 23- 12% of 5000 = ?

1/1

600



620

6880

720

✓ Q 24- A mixture of 20 litres of milk and water contains 20% of water. A new mixture is formed by adding 5 litres of water. What is the percentage of milk in the new mixture?

36%

20%

64%

!

46%

	✓	Q 25-If X and Y are 20% and 25% greater than Z respectively, by how much percentage is X smaller than Y?	1/1
	0	20%	
	•	4%	✓
	0	5%	
	0	16%	
	✓	Q 26-In a certain code language, "YEARLY" is written as "BVZIOB". What will be the code for "ANNUAL" in the same language?	1/1
	0	ZFMOMM	
	0	ZNNFZA	
		ZMMFZO	✓
	0	XCADGF	
	0	ZXAMMO	
	✓	Q 27- In a certain code language "EASY" is written as "5117". In the same code language, how will "BEAM" be written as?	1/1
	0	4512	
	0	4567	
:	0	2513	

2514	✓
2563	

✓ Q 28- In a certain code language "CONSTRUCTION" is written as 1/1 "EMPQVPWAVGQL". What will be the code for "DESTRUCTION" in the same language? **FCURTSERKMP EFTVSVDVJPO FCURTSFSLOQ** None of the above Cannot be determined

✓ Q 29- "SPECIAL" is written as "65" in a certain code language what will 1/1 "CONNECT" be coded as? 70 78

✓	Q 30- In a certain code language, "ISSUE" is written as "341145", in the same code language what will be the code for "DATES"? 1. 4567 2. 340045 3. 4120519 4. 7600	1/1
0	4567	
0	340045	
0	4120519	
•	7600	~
~	Q 31- Ajit has a certain average for 9 innings. In the tenth innings, he scores 100 runs thereby increasing his average by 8 runs. His new average is:	1/1
0	20	
0	21	
•	28	✓

X Q 32- Find the average of first 97 natural numbers.	0/1
 47 37 48 49 49.5 	×
Correct answer 49	
Q 33- The average age of three boys is 15 years. If their ages are in r: 5:7, the age of the youngest boy is?	atio 30/1
 21 years 18 years 15 years 12 years Correct answer 12 years 	×

!

Q 34- The average of 25 results is 18. The average of first 12 of and the average of last 12 is 17. What is the 13th result?	those is 141/1
O 74	
75	
O 69	
78	✓
→ Q 35- 1.14 expressed as a per cent of 1.9 is:	0/1
6%	
0 10%	
60%	×
90%	
Correct answer	
✓ Q 36- The population of a town increases every year by 4%. If population is 50,000, then after 2 years it will be ?	its present 1/1
53,900	
54,000	



Q 37- The cost of an article was Rs.75. The cost was first increased by 20% and later on it was reduced by 20%. The present cost of the article is:



Rs. 60

Rs. 75

Rs. 76

✓ Q 38- If A and B are in the ratio 3: 4, and B and C in the ratio 12: 13, then 1/1 A and C will be in the ratio

3:13

9:13

36:13

13:9

✓ Q 39- The salaries of A, B and C are in the ratio 1:3:4. If the salaries are 1/1 increased by 5%, 10% and 15% respectively, then the increased salaries will be in the ratio

20:66:95

21:66:96

:

21	: 66	: 92

19:66:92

4:3

✓ Q40- In a school having roll strength 286, the ratio of boys and girls is 8: 1/1 5. If 22 more girls get admitted into the school, the ratio of boys and girls becomes
 ☐ 12:7
 ☐ 10:7
 ☐ 8:7

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