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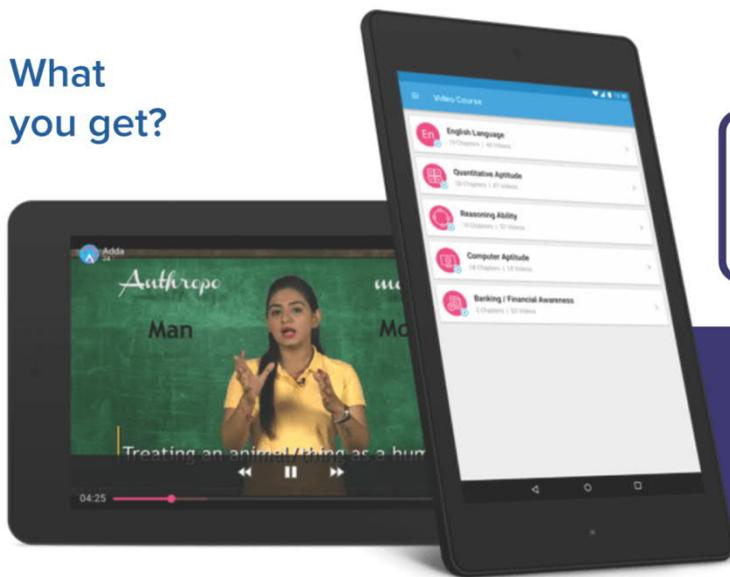
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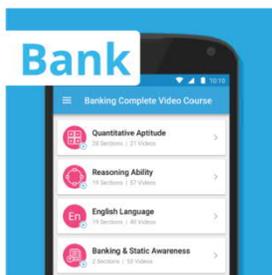


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Quantitative Aptitude

Directions (1-5): Find out the approximate value which should replace the question mark (?) in the following questions. (You are not expected to find out the exact value)

Q1. $6, 23, 898 \times 99 = ? \times 60,000$

- (a) 1000
- (b) 1030
- (c) 1080
- (d) 1065
- (e) 1010

Q2. $\sqrt{624.9995} + (4.9989)^2 = ? \div \frac{1}{4.9900865}$

- (a) 6
- (b) 50
- (c) 10
- (d) 125
- (e) 15

Q3. $564.966 + 82.0091 \times 44.981 - 34.111 = ?$

- (a) 28450
- (b) 4000
- (c) 1600
- (d) 14225
- (e) 4220

Q4. $(47\% \text{ of } 1442 - 36\% \text{ of } 1412) \div 63 = ?$

- (a) 7
- (b) 5
- (c) 3
- (d) 9
- (e) 1

Q5. $(341789 + 265108) \div (8936 - 3578) = ?$

- (a) 150
- (b) 113
- (c) 135
- (d) 100
- (e) 125



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RBI ASSISTANT
PRELIMS

15 MOCK TESTS
Bilingual

Directions (6-10): In each of the following questions a number series is given which has only one wrong number. You have to find out the wrong number.

Q6. 7.5 47.5 87.5 157.5 247.5 357.5 487.5

- (a) 357.5
- (b) 87.5
- (c) 157.5
- (d) 7.5
- (e) 47.5

Q7. 13 16 21 27 39 52 69

- (a) 21
- (b) 39
- (c) 27
- (d) 52
- (e) 16

Q8. 1500 1581 1664 1749 1833 1925 2016

- (a) 1581
- (b) 1664
- (c) 1833
- (d) 1925
- (e) 1749



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Q9. 66 91 120 153 190 233 276

- (a) 120
- (b) 233
- (c) 153
- (d) 276
- (e) 190

Q10. 1331 2197 3375 4914 6859 9261 12167

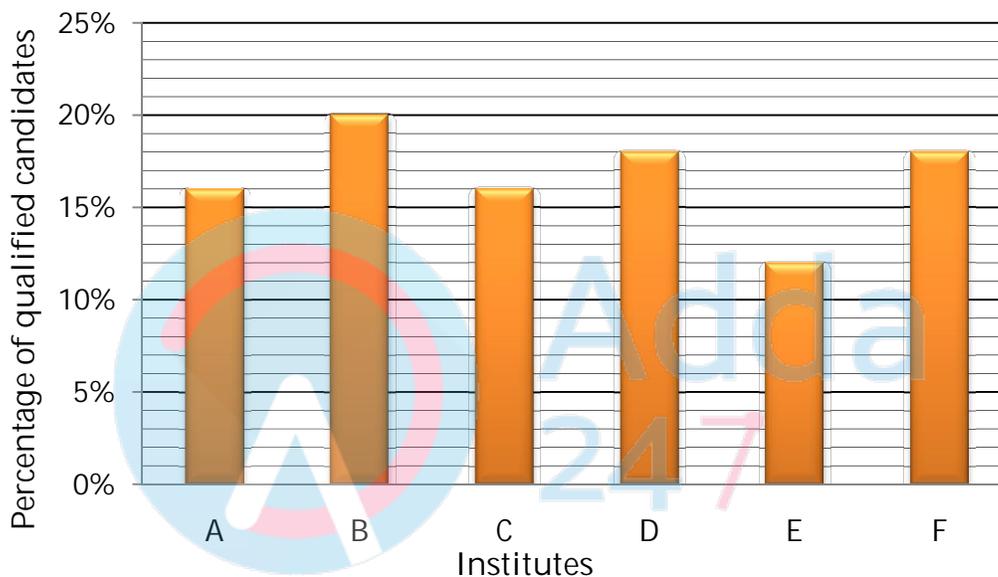
- (a) 4914
- (b) 6859
- (c) 9261
- (d) 2197
- (e) 12167

Directions (Q.11-15): Study the following table and bar graph to answer the questions given below it.

Percentage of appeared and qualified candidates in a competitive examination from different institutes

Appeared Candidates = 36000	
Institute	%of appeared candidates
A	12%
B	18%
C	20%
D	15%
E	10%
F	25%

Qualified candidates = 8000



Q11. What is the ratio of the qualified candidates from institutes A, B and C together to the appeared candidates from institutes D, E and F?

- (a) 52 : 225
- (b) 26 : 125
- (c) 125 : 26
- (d) 13 : 200
- (e) None of these

Q12. What per cent of the candidates from institute 'E' has been declared qualified out of the total candidates appeared from this institute?

- (a) 16%
- (b) 26%
- (c) 16.66%
- (d) 18%
- (e) None of these

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RRB EXAM 2017

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Q13. What is the approximate percentage of students qualified w.r.t. to those appeared from the institutes B and C together?

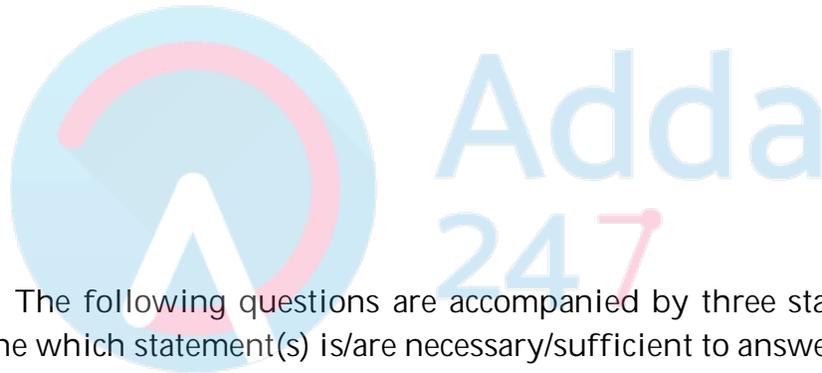
- (a) 20
- (b) 21
- (c) 22
- (d) 23
- (e) 24

Q14. Which institute has the highest percentage of candidates qualified w.r.t. to those appeared?

- (a) A
- (b) B
- (c) C
- (d) D
- (e) None of these

Q15. What is the average number of appeared candidates from the institutes A, B and F together?

- (a) 19800
- (b) 2200
- (c) 6600
- (d) 8600
- (e) None of these



Directions (Q.16-20): The following questions are accompanied by three statements A, B and C. You have to determine which statement(s) is/are necessary/sufficient to answer the question.

Q16. What is the cost price of a table?

- A. By selling the table for Rs. 600 instead of Rs. 500, loss per cent decreases by 10%.
 - B. When the cost price of the table increases by 10% and then decreases by 10%, it reduces by Rs.10.
 - C. By selling the table and a chair for Rs. 1500 a net profit of 25% is made.
- (a) Only A or B alone
 - (b) Only B or C alone
 - (c) Only A and C together
 - (d) Any two of them together
 - (e) Either B alone or A and C together are sufficient

Q17. A bag contains balls of only three different coloursie, red, yellow and green. 3 balls are drawn randomly. What is the probability that the balls drawn are of three different colours?

- A. The no. of yellow balls is two more than the no. of red balls.
- B. The Sum of the no. of yellow and green balls is three times the no. of red balls.

- C. The ratio of the no. of red balls to that of green balls is 3 : 4.
- (a) A and either B or C
 - (b) Any two of them
 - (c) Only A and C together
 - (d) Question can't be answered even after using all the information
 - (e) All statements are required

Q18. A boat takes 2 hours to travel from point A to B in still water. To find out its speed upstream, which of the following information is/are required?

- A. Distance between point A and B.
 - B. Time taken to travel downstream from B to A.
 - C. Speed of the stream of water.
- (a) Any two of them are sufficient
 - (b) Even with all these, the answer cannot be found
 - (c) Only A and B
 - (d) Only A and C
 - (e) None of these

Q19. What will be the average of three numbers?

- A. The largest no. is greater than the smallest by 20.
 - B. The sum of the largest and smallest nos. is equal to twice the middle one.
 - C. The difference of the first two numbers is 10.
- (a) Only A and C together
 - (b) Only B and C together
 - (c) Any two of them
 - (d) Question can't be answered even after using all the information
 - (e) All statements are required

Q20. Find the number of pigs in a group of pigs and hens.

- A. The total no. of hens is 20.
 - B. In the group, the no. of legs are 32 more than twice the no. of heads.
 - C. If 4 rabbits be included in the group, the total no. rises to 40.
- (a) B and C are sufficient
 - (b) B alone is sufficient
 - (c) A and C are sufficient
 - (d) A, B and C even together are not sufficient
 - (e) Either A and C together or B is sufficient



IBPS RRB (PO+CLERK)
COMBO

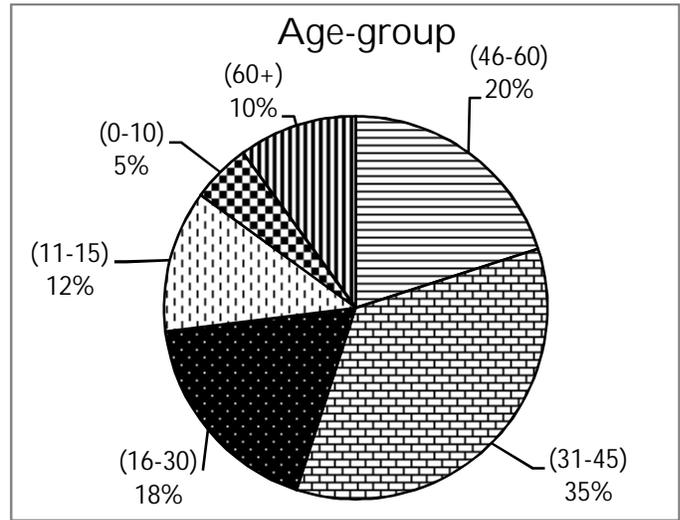
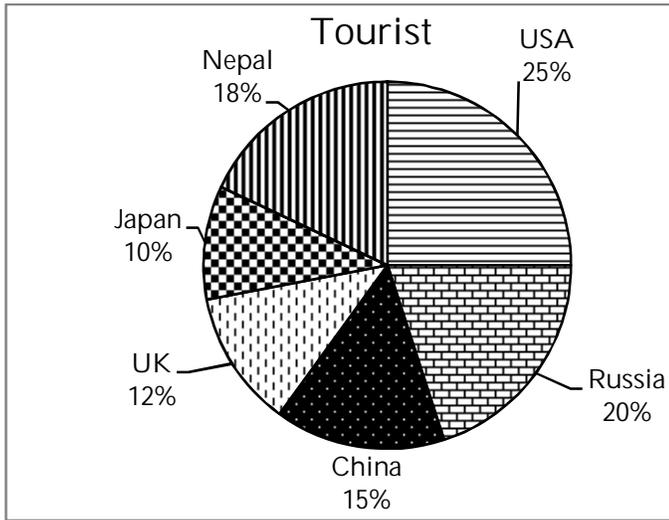
170 TOTAL TESTS

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Bilingual

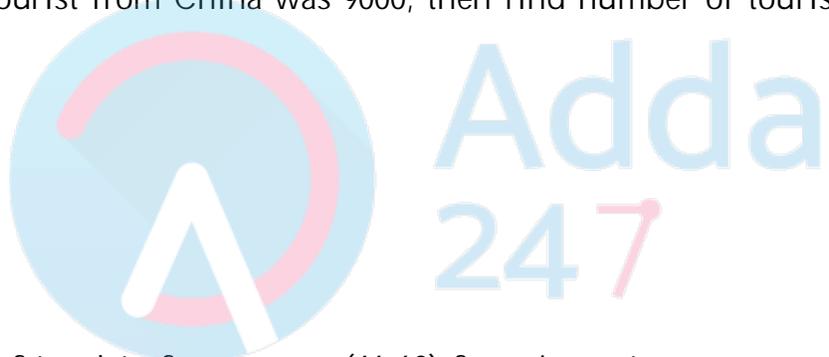
Directions (21-25): Study the following pie-chart carefully and answer accordingly:

The following pie-charts show the number of tourists who visited India from different countries from different age group. (The age group criterion applies uniformly to every country).



Q21. If number of tourist from China was 9000, then find number of tourist from Nepal of age group (16-30).

- (a) 2125
- (b) 1835
- (c) 1645
- (d) 1944
- (e) None of these



Q22. Find the ratio of tourist of age group (46-60) from Japan to age group (16-30) from USA, if number of tourist from UK was 7200.

- (a) 4 : 9
- (b) 9 : 4
- (c) 7 : 9
- (d) 1 : 3
- (e) 4 : 5

Q23. If total tourist from China of age 60+ was 1500, find total tourist from Russia ?

- (a) 20450
- (b) 19800
- (c) 20000
- (d) 21500
- (e) None of these

Q24. Tourist from Nepal of age group (31-45) was what percent of total number of tourist, if tourist of that age-group from Russia was 700?

- (a) 5.85%
- (b) 6.30%
- (c) 7.25%
- (d) 8.45%
- (e) None of these

Q25. If total tourist from all countries was 10000, then what is the average number of tourist from all the countries of age group (16-30) ?

- (a) 300
- (b) 375
- (c) 250
- (d) 400
- (e) None of these

Q26. A contractor employed 25 labourers on a job. He was paid Rs. 275 for the work. After retaining 20 per cent of this sum, he distributed the remaining amount amongst the labourers. If the number of men to women labourers was in the ratio 2 : 3 and their wages in the ratio 5 : 4, what wages did a woman labourer get?

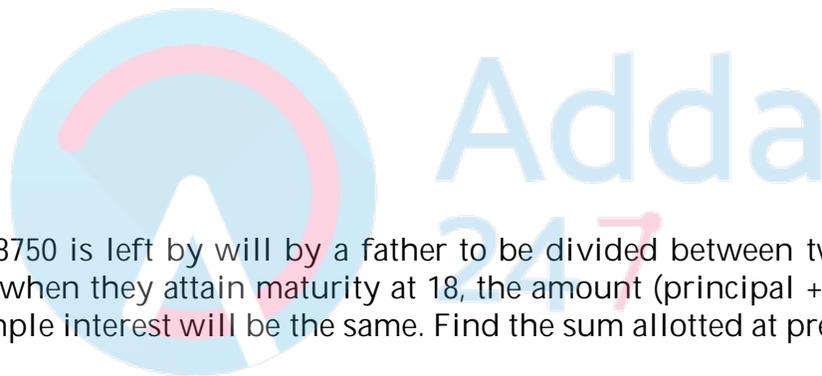
- (a) Rs. 10
- (b) Rs. 8
- (c) Rs. 12
- (d) Rs. 15
- (e) None of these

Q27. A sum of Rs 18750 is left by will by a father to be divided between two sons of 12 and 14 years of age, so that when they attain maturity at 18, the amount (principal + interest) received by each at 5 per cent simple interest will be the same. Find the sum allotted at present to each son.

- (a) Rs 9000, Rs 9750
- (b) Rs 8000, Rs 1750
- (c) Rs 9500, Rs 9250
- (d) Rs. 10000, Rs. 8750
- (e) None of these

Q28. A tank is filled with water through five pipes. The first pipe can fill it in 40 minutes; the second, the third and the fourth together can fill it in 10 minutes; the second, the third and the fifth fill it in 20 minutes; the fourth and the fifth together in 30 minutes. In what time will the tank be filled if all the five pipes work simultaneously?

- (a) $3\frac{2}{5}$ minutes
- (b) $7\frac{3}{4}$ minutes
- (c) $8\frac{4}{7}$ minutes
- (d) $8\frac{1}{7}$ minutes
- (e) None of these



RBI ASSISTANT
COMBO

25 TOTAL TEST

- 15 PRE MOCKS
- 10 MAINS MOCKS

Bilingual

Q29. There are 3 containers A, B and C which contain water, milk and acid respectively in equal quantities. 10% of the content of A is taken out and poured into B. Then, the same 10% from B is transferred to C, from which again the same 10% is transferred to A. What is the proportion of milk in container A at the end of the process?

- (a) $\frac{9}{10}$
- (b) $\frac{1}{11}$
- (c) $\frac{1}{121}$
- (d) $\frac{10}{1011}$
- (e) None of these

Q30. A merchant can buy goods at the rate of Rs. 20 per good. The particular good is part of an overall collection and the value is linked to the number of items that are already on the market. So, the merchant sells the first good for Rs. 2, second one for Rs. 4, third for Rs. 6...and so on. If he wants to make an overall profit of at least 40%, what is the minimum number of goods he should sell?

- (a) 24
- (b) 18
- (c) 32
- (d) 27
- (e) None of these

Q31. Chunmun picks a letter from the set of English alphabet and finds it to be a vowel. What is the probability that the letter is E?

- (a) $\frac{1}{26}$
- (b) $\frac{5}{6}$
- (c) $\frac{1}{5}$
- (d) $\frac{5}{26}$
- (e) None of these

Q32. Train A, travelling at 84 kmph, overtook train B, traveling in the same direction, in 10 seconds. If train B had been traveling at twice its speed, then train A would have taken 22.5 seconds to overtake it. Find the length of train B, given that it is half the length of train A.

- (a) 50 m
- (b) 100 m
- (c) 200 m
- (d) 150 m
- (e) None of these

Q33. The average age (in years) of a group of people is twice the number of people in the group. A person, X, leaves the group and the average age is still twice the number of people in the group. Now another person, Y, leaves the group and the average age is still twice the number of people in the group. If the ratio of the ages of X and Y is 19 : 17, then find the average age of the group, if one more person, Z, of age 16 years, leaves the group.

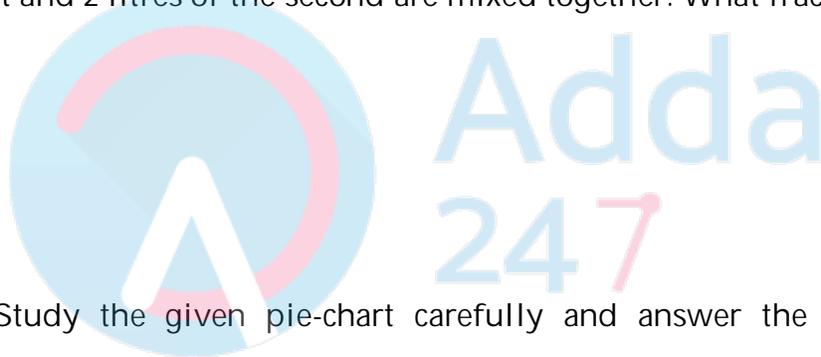
- (a) 10 years
- (b) 15 years
- (c) 16 years
- (d) 18 years
- (e) None of these

Q34. Two vessels contain a mixture of Spirit and water. In the first vessel the ratio of Spirit to water is 8 : 3 and in the second vessel the ratio is 5 : 1. A 35 litre cask is filled from these vessels so as to contain a mixture of Spirit and water in the ratio of 4 : 1. How many litres are taken from the first vessels ?

- (a) 11 litres
- (b) 22 litres
- (c) 16.5 litres
- (d) 27.5 litres
- (e) None of these

Q35. There are 2 bottles containing a mixture of wine, water and alcohol. The first bottle contains wine, water and alcohol in the ratio 3 : 5 : 2. The second bottle contains water and wine in the ratio 5 : 4. 1litre of the first and 2 litres of the second are mixed together. What fraction of the mixture is alcohol?

- (a) 1/15 litres
- (b) 6/13 litres
- (c) 2/15 litres
- (d) 6/19 litres
- (e) None of these



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with Video Solutions

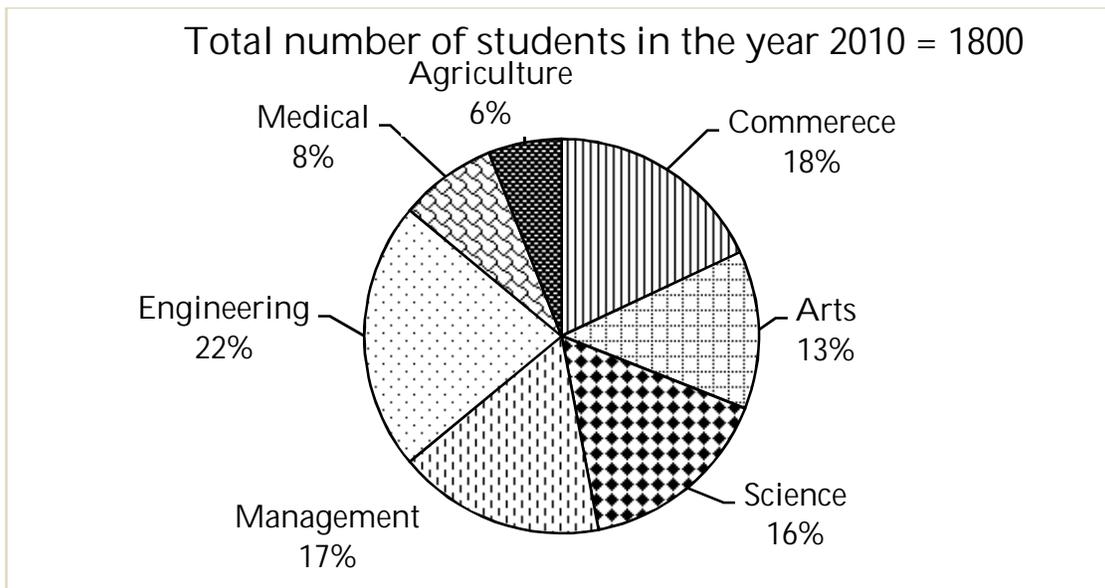
95 TOTAL TESTS

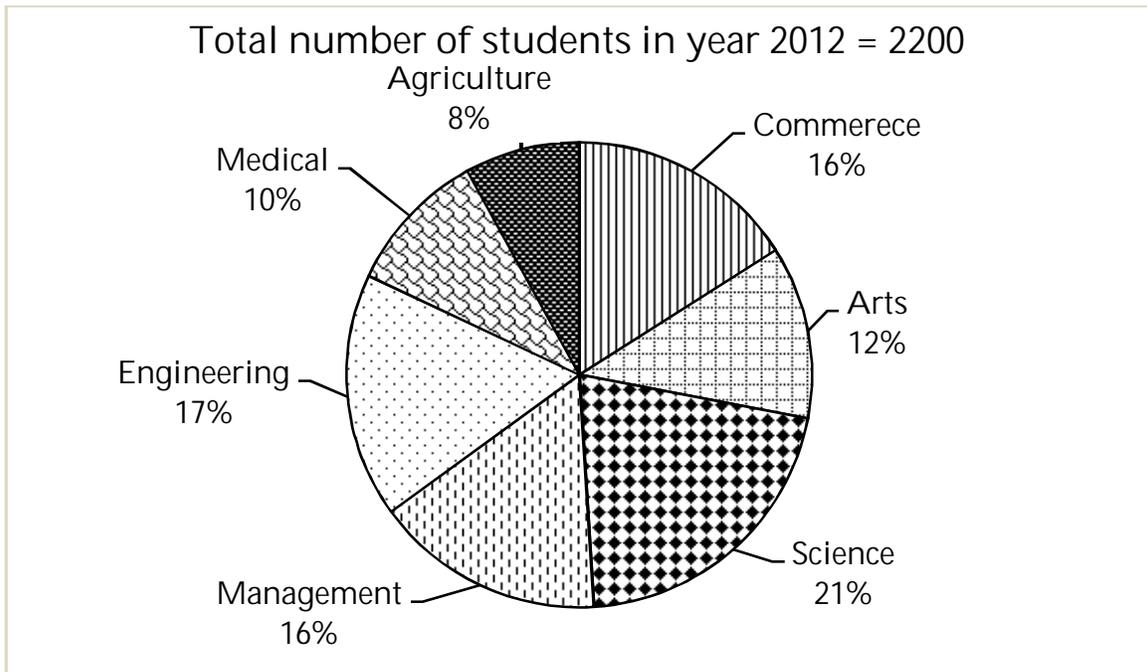
- 40 Full Length Mocks
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Bilingual

Directions (36-40): Study the given pie-chart carefully and answer the following questions accordingly:

Number of students studying various disciplines in an institute during years 2010 and 2012





Q36. What is the percent increase/decrease in number of students studying Science from 2010 to 2012?

- (a) 61.78
- (b) 59.13
- (c) 60.42
- (d) 61.23
- (e) 67.21



Q37. What is the ratio between total number of student studying agriculture and commerce together in 2010 and total students studying medical and arts together in 2012 ?

- (a) 9 : 11
- (b) 108 : 121
- (c) 12 : 11
- (d) 144 : 121
- (e) 121 : 81

Q38. The number of students studying management and medical together in 2010 is what percent of total students studying science, engineering and commerce together in year 2012 ?

- (a) 36.67
- (b) 35.19
- (c) 41.44
- (d) 37.88
- (e) 39.41

Q39. What is difference between number of students studying Science, Arts and Medical together in 2010 and 2012?

- (a) 280
- (b) 272
- (c) 292
- (d) 305
- (e) None of these

Q40. The number of students studying Arts in the years 2010 and 2012 together is what percent of total number of students studying all disciplines during these two years?

- (a) 11.55
- (b) 13.45
- (c) 12.50
- (d) 12.35
- (e) None of these



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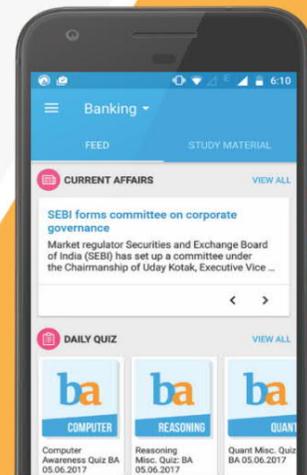




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