

General Instructions

- (i) This question paper contains 150 questions. All questions are compulsory.
- (ii) It comprises 150 single-correct multiple-choice questions.
- (iii) Attempt every question; detailed solutions are provided in the companion solutions booklet.

1. A dice is rolled three times and the sum of the three numbers on the uppermost face is 15. What is the chance that the first roll was a four?

- (A) $\frac{2}{5}$
- (B) $\frac{1}{5}$
- (C) $\frac{1}{6}$
- (D) None of these

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2. A boat covers a distance of 30 km downstream in 2 hours, while it takes 6 hours to cover the same distance upstream. What is the speed of the boat in km per hour?

- (A) 5
- (B) 7.5
- (C) 13
- (D) 10

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3. A five-digit number is formed using the digits 1, 2, 3, 4, and 5 without repetition. What is the probability that the number is divisible by 4?

- (A) $\frac{1}{5}$
- (B) $\frac{5}{6}$
- (C) $\frac{4}{5}$
- (D) None of these

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4. If the algebraic sum of deviations of 20 observations measured from 23 is 70, what is the mean of these observations?

- (A) 24
- (B) 25
- (C) 26
- (D) None of these

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5. An alloy of gold and silver weighs 50 gms and contains 80% gold. How much gold should be added to the alloy so that the percentage of gold increases to 90%?

- (A) 50 gms
- (B) 60 gms
- (C) 30 gms
- (D) 40 gms

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6. Weekly incomes of two persons are in the ratio 7 : 3 and their weekly expenses are in the ratio 5 : 2. If each of them saves Rs. 300 per week, what is the weekly income of the first person?

- (A) Rs. 7500
- (B) Rs. 4500
- (C) Rs. 6300
- (D) Rs. 5400

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7. Wheat is now being sold at Rs. 27 per kg. During last month, its cost was Rs. 24 per kg. Find by how much per cent a family should reduce its consumption so as to keep the expenditure fixed.

- (A) 10.2%
- (B) 12.1%
- (C) 12.3%
- (D) 11.1%

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8. There are 10 stations on a railway line. The number of different journey tickets that are required by the authorities is:

- (A) 92
- (B) 90
- (C) 91
- (D) None of these

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9. The radius of a circle is so increased that its circumference increases by 5%. The area of the circle then increases by:

- (A) 12.5%
- (B) 10.25%
- (C) 10.5%
- (D) 11.25%

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10. In how many ways can the letters of the word ABACUS be rearranged such that the vowels always appear together?

- (A) $\frac{6!}{2!}$
- (B) $3! \times 3!$
- (C) $\frac{3! \times 3!}{2!}$
- (D) $\frac{4! \times 3!}{2!}$

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11. In 4 years, Rs. 6000 amounts to Rs. 8000. In what time at the same rate will Rs. 525 amount to Rs. 700?

- (A) 2 years
- (B) 3 years
- (C) 4 years
- (D) 5 years

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12. At the start of a game of cards, J and B together had four times as much money as T, while T and B together had three times as much as J. At the end of the evening, J and B together had three times as much money as T, while T and B together had twice as much as J. B lost Rs. 200.

What fraction of the total money did T have at the beginning of the game?

- (A) $\frac{1}{3}$
- (B) $\frac{1}{8}$
- (C) $\frac{2}{9}$
- (D) $\frac{1}{5}$

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13. At the start of a game of cards, J and B together had four times as much money as T, while T and B together had three times as much as J. At the end of the evening, J and B together had three times as much money as T, while T and B together had twice as much as J. B lost Rs. 200.

What fraction of the total money did J win/lose?

- (A) Won $\frac{1}{12}$
- (B) Lost $\frac{1}{6}$
- (C) Lost $\frac{1}{3}$
- (D) Won $\frac{1}{5}$

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14. At the start of a game of cards, J and B together had four times as much money as T, while T and B together had three times as much as J. At the end of the evening, J and B together had three times as much money as T, while T and B together had twice as much as J. B lost Rs. 200.

What amount did B start with?

- (A) Rs. 575
- (B) Rs. 375
- (C) Rs. 825
- (D) Rs. 275

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15. If a and b are negative, and c is positive, which of the following statement(s) is/are true?

I) $a - b < a - c$

II) if $a < b$, then $\frac{a}{c} < \frac{b}{c}$

III) $\frac{a}{b} > \frac{a}{c}$

- (A) I only
- (B) II only
- (C) III only
- (D) II and III only

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16. The diagonal of a square is $4\sqrt{2}$ cm. The diagonal of another square whose area is double that of the first square is

- (A) 8 cm
- (B) $8\sqrt{2}$ cm
- (C) $4\sqrt{2}$ cm
- (D) 16 cm

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17. The maximum length of a pencil that can be kept in a rectangular box of dimensions 8 cm x 6 cm x 2 cm, is

- (A) $2\sqrt{13}$ cm
 (B) $2\sqrt{14}$ cm
 (C) $2\sqrt{26}$ cm
 (D) $10\sqrt{2}$ cm

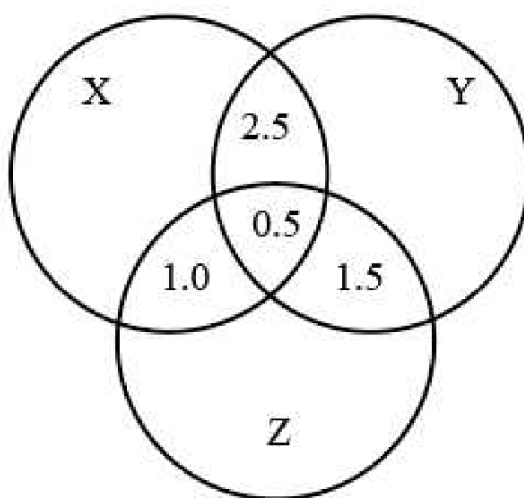
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18. Instructions: Answer the questions based on the information given below.

The Venn diagram given below shows the estimated readership of 3 daily newspapers (X, Y & Z) in a city. The total readership and advertising cost for each of these papers is as below.

Newspapers	Readership (lakhs)	Advertising cost (Rs. per sq. cm)
X	8.7	6000
Y	9.1	6500
Z	5.6	5000

The total population of the city is estimated to be 14 million. The common readership (in lakhs) is indicated in the given Venn diagram.



The number of people (in lakhs) who read at least one newspaper is

- (A) 4.7
- (B) 11.9
- (C) 17.4
- (D) 23.4

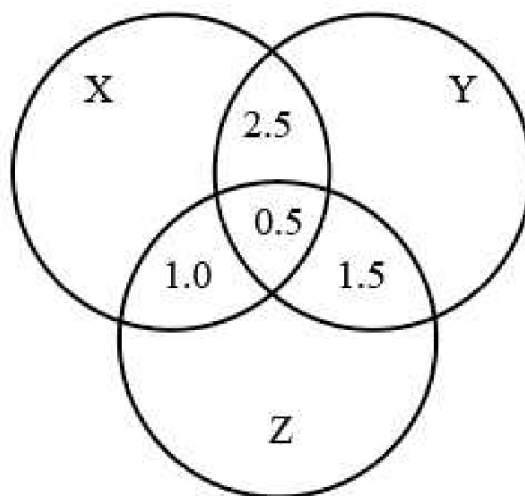
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X	8.7	6000
Y	9.1	6500
Z	5.6	5000

The total population of the city is estimated to be 14 million. The common readership (in lakhs) is indicated in the given Venn diagram.



The number of people (in lakhs) who read only one newspaper is

- (A) 4.7
- (B) 11.9
- (C) 17.4
- (D) 23.4

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20. Sonali invests 15% of her monthly salary in insurance policies. She spends 55% of her monthly salary in shopping and on household expenses. She saves the remaining amount of Rs. 12,750. What is Sonali's monthly income?

- (A) Rs. 42,500
- (B) Rs. 38,800
- (C) Rs. 40,000
- (D) Rs. 35,500

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21. How many kgs of tea worth Rs. 25 per kg must be blended with 30 kgs of tea worth Rs. 30 per kg so that by selling the blended variety at Rs. 30 per kg there should be a gain of 10%?

- (A) 36 kgs
- (B) 40 kgs
- (C) 32 kgs
- (D) 42 kgs

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22. In an examination, out of 480 students, 85% of the girls and 70% of the boys passed. How many boys appeared in the examination if the total pass percentage was 75%?

- (A) 370
- (B) 340
- (C) 320
- (D) 360

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23. 300 gms of salt solution has 40% salt in it. How much salt should be added to make it 50% in the solution?

- (A) 40 gms
- (B) 60 gms
- (C) 70 gms
- (D) 80 gms

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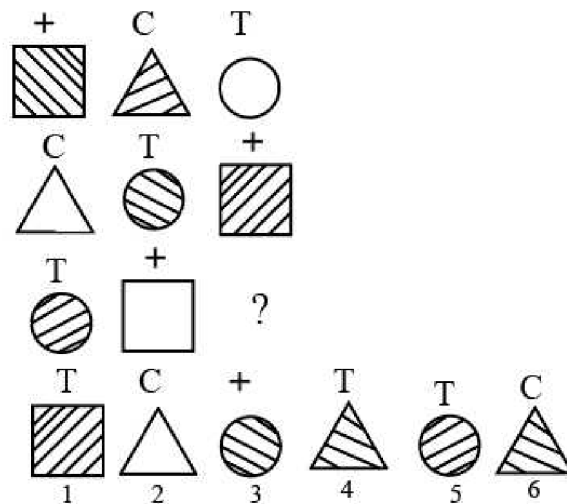
24. What number should replace the question mark in the image below?

6	12	?
48	96	192

- (A) 18
- (B) 20
- (C) 22
- (D) 24

...

25. What image from the bottom row should replace the question mark?



- (A) 4
- (B) 6
- (C) 1
- (D) None of these

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26. A five-digit number divisible by 3 is to be formed using the numerals 0, 1, 2, 3, 4 and 5 without repetition. The total number of ways this can be done is:

- (A) 122
- (B) 210
- (C) 216
- (D) 217

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27. A contract is to be completed in 50 days and 105 men were set to work, each working 8 hours a day. After 25 days, $\frac{2}{5}$ of the work is finished. How many additional men should be employed so that the work may be completed on time, with each man now working 9 hours a day?

- (A) 34
- (B) 36
- (C) 35
- (D) 37

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28. A can build up a structure in 8 days and B can break it down in 3 days. A worked alone for 4 days, then B joined to work with A for another 2 days only. In how many days will A alone build up the remaining part of the structure?

- (A) 10 days
- (B) 9 days
- (C) 12 days
- (D) None of these

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29. The first two terms of a geometric progression add up to 12. The sum of the third and fourth terms is 48. If the terms of the progression are alternately positive and negative, the first term is

- (A) -2
- (B) -4
- (C) -12
- (D) 8

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30. The mean of the numbers a , b , 8, 5, 10 is 6 and the variance is 6.80. Which one of the following gives possible values of a and b ?

- (A) $a = 0, b = 7$
- (B) $a = 5, b = 2$
- (C) $a = 3, b = 4$
- (D) $a = 2, b = 4$

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31. An agent sells goods worth Rs. 15,000. The commission he receives at the rate of $12\frac{1}{2}\%$ is

- (A) Rs. 1875
- (B) Rs. 2125
- (C) Rs. 2000
- (D) Rs. 2700

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32. $\sqrt{110.25} \times \sqrt{0.01} \div \sqrt{0.0025} - \sqrt{420.25}$ is equal to

- (A) 0.75
- (B) 0.50
- (C) 0.64
- (D) 0.73

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33. The table below shows the number of people who responded to a survey about their favourite style of music. Use this information to answer to the nearest whole percentage.

Age	15-20	21-30	31+
Classical	6	4	17
Pop	7	5	5
Rock	6	12	14
Jazz	1	4	11
Blues	2	3	15
Hip – Hop	9	3	4
Ambient	2	2	2
Total	33	33	68

What percentage of respondents under 31 indicated that Blues is their favourite style of music?

- (A) 7.1
- (B) 7.6
- (C) 8.3
- (D) 14.1

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34. The table below shows the number of people who responded to a survey about their favourite style of music. Use this information to answer to the nearest whole percentage.

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Classical	6	4	17
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Rock	6	12	14
Jazz	1	4	11
Blues	2	3	15
Hip – Hop	9	3	4
Ambient	2	2	2
Total	33	33	68

What percentage of respondents aged 21-30 indicated a favourite style other than Rock music?

- (A) 64%
- (B) 60%
- (C) 75%
- (D) 36%

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35. The table below shows the number of people who responded to a survey about their favourite style of music. Use this information to answer to the nearest whole percentage.

Age	15-20	21-30	31+
Classical	6	4	17
Pop	7	5	5
Rock	6	12	14
Jazz	1	4	11
Blues	2	3	15
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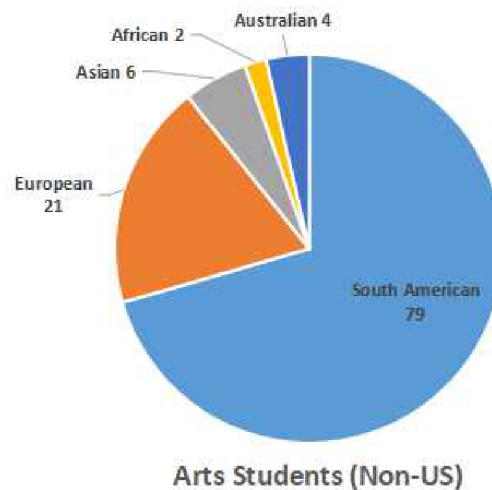
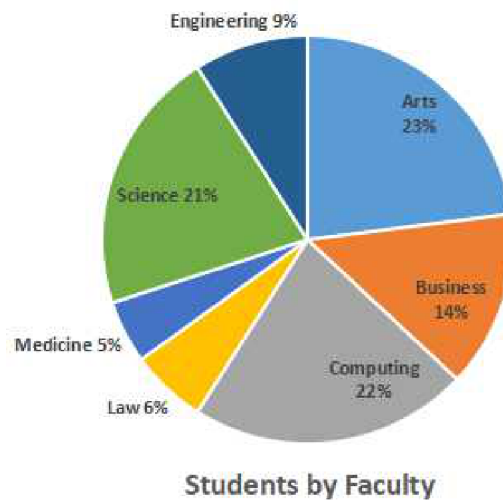
What percentage of the total sample indicated that Jazz is their favourite style of music?

- (A) 6%
- (B) 8%
- (C) 22%
- (D) 12%

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36.

Instructions (36-40): The pie charts below show the percentage of students in each faculty at North West University and the number of non-US students in the Arts faculty. These percentages are rounded to the nearest whole number. There are 1049 students in the Arts faculty. Use this data to answer the question below.



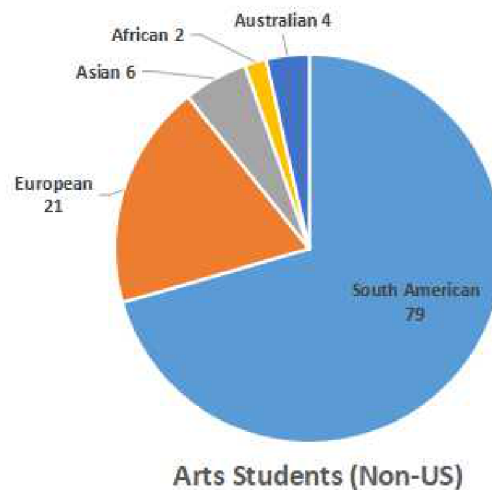
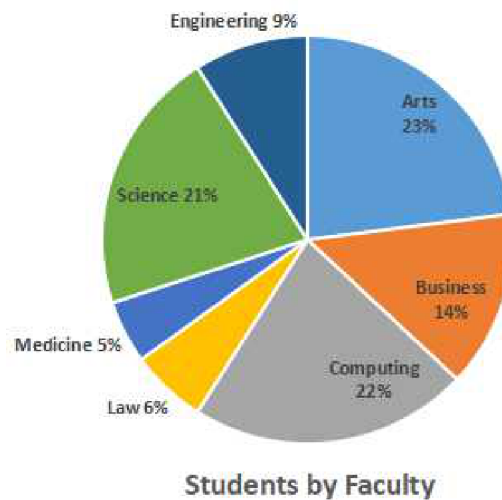
36. What percentage of students in the Arts faculty are non-US students?

- (A) 14%
- (B) 9%
- (C) 30%
- (D) 11%

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37.

Instructions (36-40): The pie charts below show the percentage of students in each faculty at North West University and the number of non-US students in the Arts faculty. These percentages are rounded to the nearest whole number. There are 1049 students in the Arts faculty. Use this data to answer the question below.



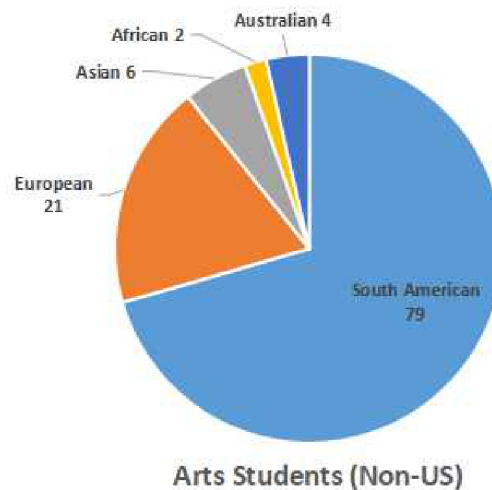
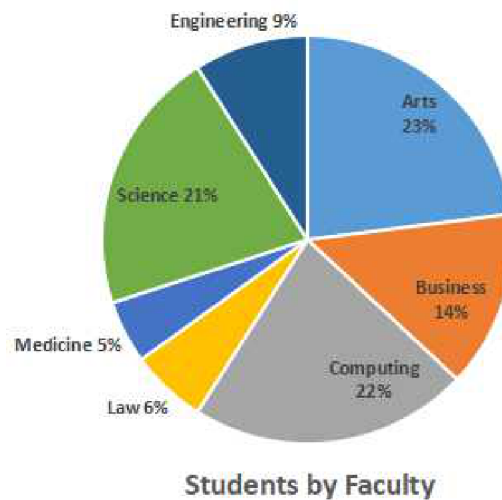
37. How many students are there in the Engineering faculty?

- (A) 420
- (B) 410
- (C) 390
- (D) 440

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38.

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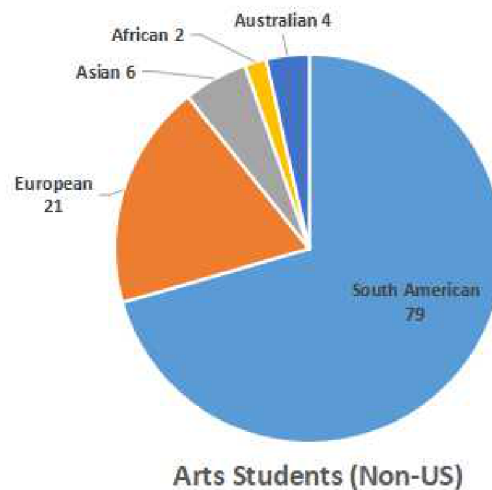
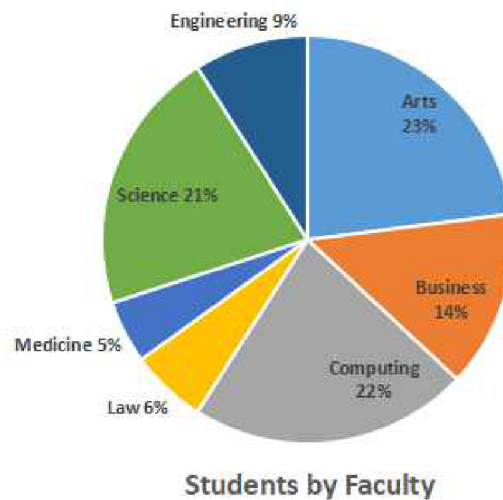
38. How many students are there at the University?

- (A) 4650
- (B) 4560
- (C) 4640
- (D) 4450

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39.

Instructions (36-40): The pie charts below show the percentage of students in each faculty at North West University and the number of non-US students in the Arts faculty. These percentages are rounded to the nearest whole number. There are 1049 students in the Arts faculty. Use this data to answer the question below.

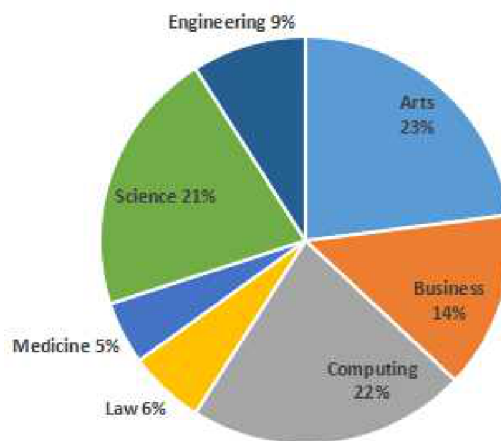


39. If six percent of Science students are Asian, how many Asian students are studying Science?

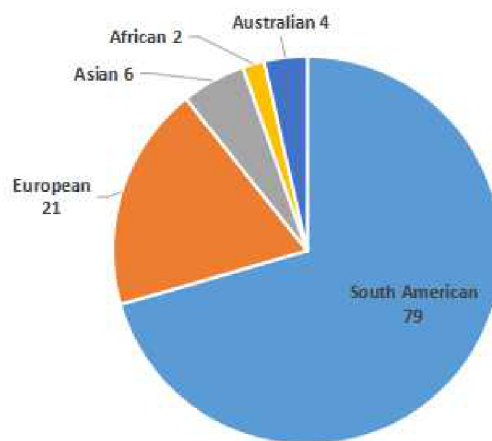
- (A) 48
- (B) 66
- (C) 120
- (D) 57

40.

Instructions (36-40): The pie charts below show the percentage of students in each faculty at North West University and the number of non-US students in the Arts faculty. These percentages are rounded to the nearest whole number. There are 1049 students in the Arts faculty. Use this data to answer the question below.



Students by Faculty



Arts Students (Non-US)

40. There are 34 European medical students. What percentage of the faculty does this represent?

- (A) 14%
- (B) 18%
- (C) 16%
- (D) 15%

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41.

41. There are three societies A, B and C, each having some tractors. A gives B and C as many tractors as they already have. After some days, B gives A and C as many tractors as they then have. After some more days, C gives A and B as many tractors as they then have. Finally, each society has 24 tractors. What was the original number of tractors each had at the start?

- (A) A-29, B-21, C-12
- (B) A-39, B-21, C-12
- (C) A-21, B-12, C-29
- (D) A-21, B-12, C-39

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42.

Although most of the fastest growing jobs in today's economy require a college degree, many of the new jobs being created, from home health aide to desktop publisher, need knowledge other than that gained from earning a degree. For workers in those jobs, good basic skills in reading, communication, and mathematics play an important role in getting a job and developing a career.

42. From the information given above, it can be validly concluded that, in today's economy:

- (A) Skills in reading, communication and mathematics play an important role in developing a career as a desktop publisher.
- (B) The majority of the new jobs being created require knowledge other than that gained from earning a college degree.
- (C) A job as a home health aide will rely more on communication skills than on basic skills in reading and mathematics.
- (D) If a job is one of the fastest growing jobs, it will require a college degree.



43. According to the National Agricultural Aviation Society (NAAS), without the use of crop protection products to control insects, weeds, and diseases, crop yields per acre will drop by more than 50 percent. The first aerial application of insecticide occurred in 1921, and it was a huge success. By contrast, in today's economy all aircraft that are classified as aerial applicators do more than just apply insecticide; today, they also spread seeds and apply fertilizer.

From the information given above, it CANNOT be validly concluded that:

- (A) According to the NAAS, if crop yields per acre never drop by more than 50 percent, then crop protection products have been used to control insects, weeds, and diseases.
- (B) In today's economy, any aircraft that cannot be used to apply fertilizer cannot be classified as an aerial applicator.
- (C) In today's economy, if an aerial applicator is used, then it will be able to spread seed and apply fertilizer.
- (D) According to the NAAS, if crop yields per acre drop by more than 50 percent, then crop protection products have not been used to control insects, weeds, and diseases.

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44. Lou observes that if flight 409 is cancelled, then the manager could not possibly arrive in time for the meeting. But the flight was not cancelled. Therefore, Lou concludes, the manager will certainly be on time. Evelyn replies that even if Lou's premises are true, his argument is fallacious. And therefore, she adds, the manager will not arrive on time after all.

Which of the following is the strongest thing that we can properly say about this discussion?

- (A) Evelyn is mistaken in thinking Lou's argument to be fallacious, and so her own conclusion is unwarranted.
- (B) Evelyn is right about Lou's argument, but nevertheless her own conclusion is unwarranted.
- (C) Since Evelyn is right about Lou's argument, her own conclusion is well supported.
- (D) Since Evelyn is mistaken about Lou's argument, her own conclusion must be false.

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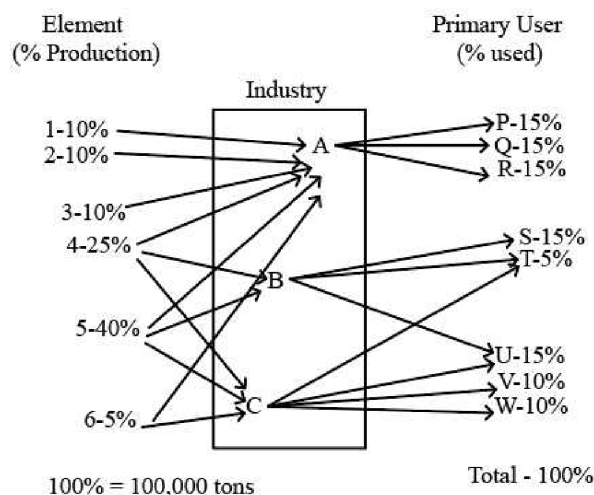
45. Cars are safer than planes. Fifty percent of plane accidents result in death, while only one percent of car accidents result in death. Which of the following, if true, would most seriously weaken the argument above?

- (A) Planes are inspected more often than cars.
- (B) The number of car accidents is several hundred thousand times higher than the number of plane accidents.
- (C) Pilots never fly under the influence of alcohol, while car drivers often do.
- (D) Plane accidents are usually the fault of air traffic controllers, not pilots.

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46.

Instructions (Q. 46 to 48): The chart below shows six elements, numbered 1 to 6, along with their percentage share of total annual production. Each element is processed by one or more of three industries, A, B, and C, which in turn supply primary users P through W, each shown with its percentage share of total usage. The total production equals 100 percent, which equals 1,00,000 tons. Study the chart and answer the questions that follow.



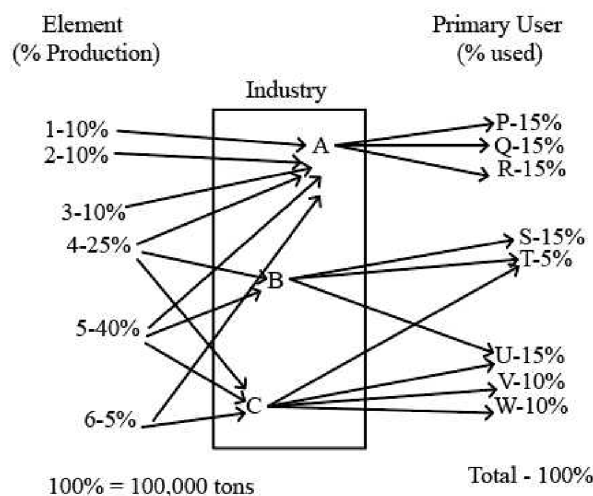
Which industry or industries contribute to company S?

- (A) Industry A and B only
- (B) B and C only
- (C) A and C only
- (D) B only

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47.

Instructions (Q. 46 to 48): The chart below shows six elements, numbered 1 to 6, along with their percentage share of total annual production. Each element is processed by one or more of three industries, A, B, and C, which in turn supply primary users P through W, each shown with its percentage share of total usage. The total production equals 100 percent, which equals 1,00,000 tons. Study the chart and answer the questions that follow.

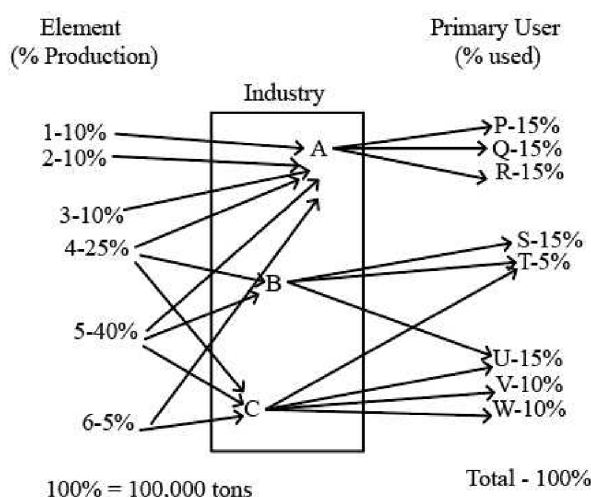


Industry B processes what percentage of the total production of the listed elements?

- (A) 25%
- (B) 65%
- (C) 40%
- (D) Cannot be determined

48.

Instructions (Q. 46 to 48): The chart below shows six elements, numbered 1 to 6, along with their percentage share of total annual production. Each element is processed by one or more of three industries, A, B, and C, which in turn supply primary users P through W, each shown with its percentage share of total usage. The total production equals 100 percent, which equals 1,00,000 tons. Study the chart and answer the questions that follow.



Of the listed elements processed by industry A, how many tons are produced annually?

- (A) 30,000
- (B) 50,000
- (C) 1,00,000
- (D) 55,000

49.

In the question below, there are two blanks marked I and II. The words to fill blank I are given as (A, B, C, D) and the words to fill blank II are given as (P, Q, R, S). The words on either side of the sign (::) share a similar relationship. Pick the alternative that fits this relationship.

I : Increase :: Descend : II

I. (A) Grow (B) Ascend (C) Rise (D) Price

II. (P) Reduce (Q) Down (R) Decrease (S) Mountain

(A) AR

(B) RB

(C) CP

(D) DQ

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50.

Modern : I :: II : Old

I. (A) Ancient (B) Death (C) Famous (D) Civilization

II. (P) Industrialisation (Q) Young (R) Fashion (S) Western

(A) AQ

(B) AS

(C) BP

(D) CR

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51.

Part : I :: Class : II

I. (A) Section (B) Whole (C) School (D) Students

II. (P) Student (Q) School (R) Teachers (S) Room

(A) AR

(B) BQ

(C) CP

(D) DS

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52.

Summit : Apex :: I : II

I. (A) beautiful (B) Picture (C) Attractive (D) Enhancing

II. (P) Comfortable (Q) Pretty (R) Healthy (S) Brave

(A) AQ

(B) BP

(C) DS

(D) CR

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53. If in a certain code BEAUTIFUL is coded as 573041208 and BUTTER is coded as 504479, how is FUTURE coded in that code?

(A) 201497

(B) 204097

(C) 704092

(D) 204079

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54. If a particular month of a particular year ends on a Wednesday, how many Mondays does that month have?

- (A) 4
- (B) 5
- (C) 3
- (D) Cannot be specified

...

55.

There are two rows of numbers in the grid below. The upper row is complete, and in the lower row one number is missing. Find the number that keeps the same pattern as the upper row.

17	102	12
15	?	10

- (A) 211
- (B) 75
- (C) 125
- (D) 117

...

56.

There are two rows of numbers in the grid below. The upper row is complete, and in the lower row one number is missing. Find the number that keeps the same pattern as the upper row.

12	336	14
15	?	16

- (A) 220
- (B) 480
- (C) 125
- (D) 450

...

57. Seven people, A, B, C, D, E, F and G, want to go boating. Only two boats are available, and their seating must follow these rules:

- (I) A will go in the same boat as E.
- (II) F cannot go in the same boat as C, unless D also joins them.
- (III) Neither B nor C can be placed in the same boat as G.
- (IV) A single boat can carry a maximum of four people.

If F and B are seated in one boat, which of the following statements is true?

- (A) G is in the other boat
- (B) D is in the other boat
- (C) C is in the other boat
- (D) E is with F and B in one boat

• • •

58. Seven people, A, B, C, D, E, F and G, want to go boating. Only two boats are available, and their seating must follow these rules:

(I) A will go in the same boat as E.

(II) F cannot go in the same boat as C, unless D also joins them.

(III) Neither B nor C can be placed in the same boat as G.

(IV) A single boat can carry a maximum of four people.

If E is in the same boat as F, which of the following is the complete and accurate list of people in the other boat?

(A) F and E

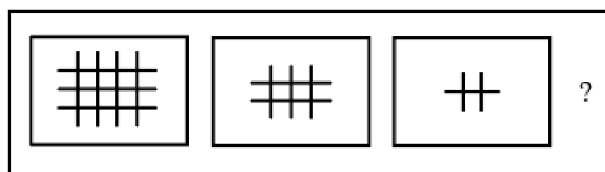
(B) G and A

(C) D and A

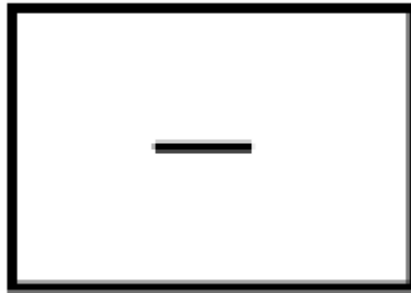
(D) C, D and B

• • •

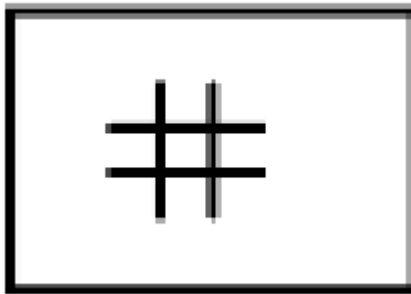
59. A series of figures is shown below. Study how the pattern changes from one figure to the next, then pick the figure that should replace the question mark.



(A)



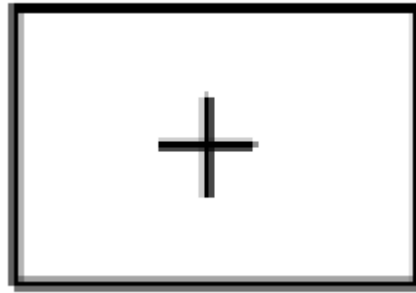
(B)



(C)

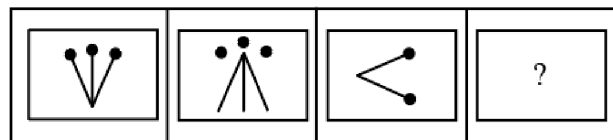


(D)

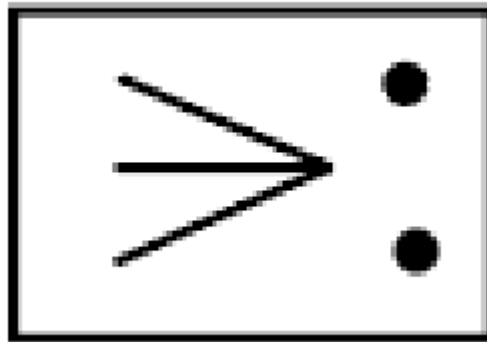


...

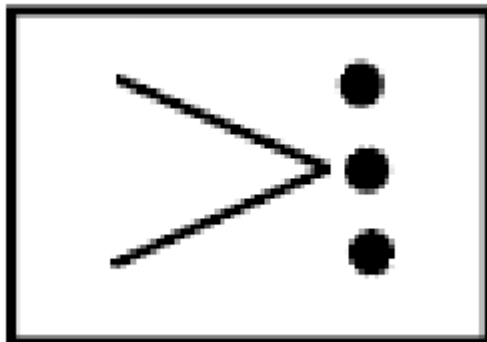
60. The figures on the left form a related pair, and so do the two figures that follow. Study how figure 2 relates to figure 1, then apply the same relationship to figure 3 and pick the matching figure 4 from the options.



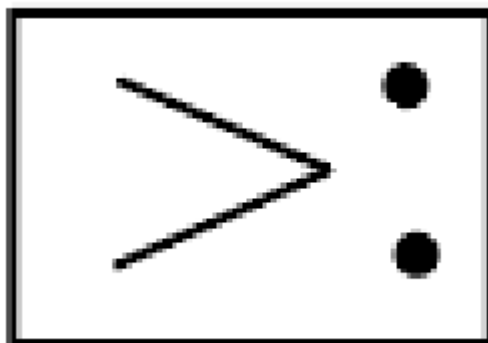
(A)



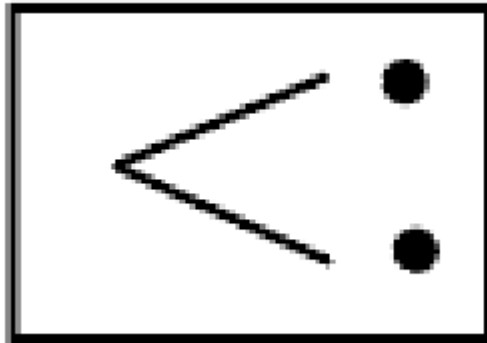
(B)



(C)



(D)



...

61. Complete the following series.

(GMSY, IOUA, KQWC, ?)

(A) MSYE

(B) NSYE

(C) MYTE

(D) MSYF

...

62. Airtel, a GSM service provider, offers a post-paid plan called Airtel One for its customers, with the tariff details shown below.

Pulse Rate	60 Secs		
Price of Plan	Rs. 99		
Free Airtime on Plan	Nil		
Incoming Calls (Rs.)	Free		
Outgoing Calls (Rs./minute)	Airtel	GSM/CDMA	Landline/WLL
		(10 Digit)	
LOCAL RATES	Rs. 1	Rs. 1	Rs. 2
STD RATES			
50-200 KM	Rs. 1.50	Rs. 1.50	Rs. 2
200-500 KM	Rs. 1.50	Rs. 2.50	Rs. 2.50
500+ KM	Rs. 1.50	Rs. 3.00	Rs. 3.50
ISD			
USA, Canada, Europe(Fixed Line)	Rs. 7		
Gulf, Europe(Mobile)SAA RC	Rs. 10		
Rest of the world	Rs. 40		
SMS			
Local	Rs. 1.50		
National	Rs. 2.00		
International	Rs. 5.00		
Value Added Service(Rs.)	Rs. 3.00 and Rs. 6.00 Depending on the service		
Monthly bill = Call charges + SMS charges + Price of Plan			

Mohan made an STD call, within 100 km, for 30 minutes and spent 100 minutes on local calls, split 30% on landline, 40% on GSM and 30% on Airtel. Rohan made an STD call, within 150 km, for 18 minutes and spent 120 minutes on local calls, split 30% on GSM, 40% on landline and 30% on Airtel. Who spent more on calls that month?

- (A) Mohan
- (B) Rohan
- (C) Both spent the same amount
- (D) Cannot be determined

• • •

63. A new SMS scheme is introduced at 60 paise per local SMS, along with an additional fixed monthly charge of Rs. 35 (the earlier rate was Rs. 1.50 per local SMS with no fixed charge). A person sending which of the following will NOT benefit from switching to the new scheme?

- (A) 38 local SMS a month
- (B) 40 local SMS a month
- (C) 60 local SMS a month
- (D) 59 local SMS a month

• • •

64. Under the 'Airtel One' postpaid plan, the monthly rental is Rs. 99, and call charges are billed on top of this rent based on the distance slab and the network used. A bill of Rs. 199 in a month is definitely not possible when you make only:

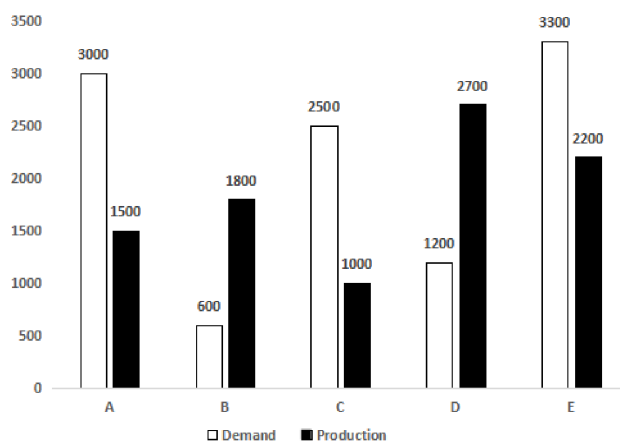
- (A) 30 calls to Airtel on STD (500+ km) and 55 local calls in a month
- (B) 16 calls to Airtel on STD (15 km) and 76 local calls in a month
- (C) 10 STD calls (250 km) each to Airtel, GSM and landline respectively, and 30 local calls in a month
- (D) 8, 4 and 7 calls to Airtel, GSM and landline respectively on STD (500+ km), and 55 local calls in a month

• • •

65. Under the same 'Airtel One' plan, ISD calls to different groups of countries are billed at different per minute rates. A person makes a total of 12 minutes of ISD calls in a month. If 80% of his ISD bill amount came from calls made to the 'Rest of the World' group, then the ISD calls of the minimum duration were made to which of the following groups of countries?

- (A) USA, Canada, Europe (Fixed Line)
- (B) Gulf, Europe (Mobile), SAARC
- (C) Rest of the world
- (D) Cannot be determined

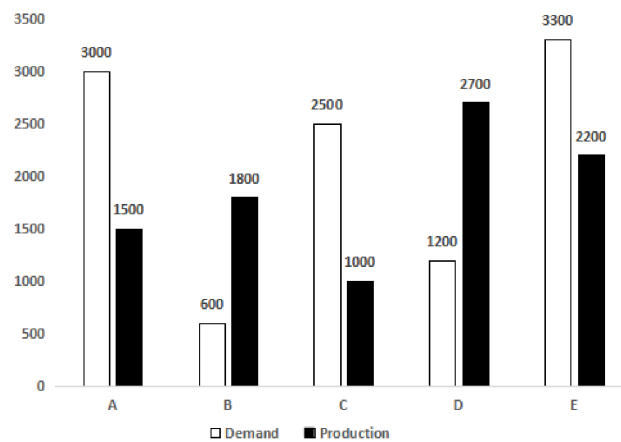
66. The bar graph below shows the monthly demand and production figures (in units) of five T.V. companies, A, B, C, D and E. Study it and answer the question that follows.



What is the difference between the average demand and the average production of the five companies taken together?

- (A) 1400
- (B) 400
- (C) 280
- (D) 138

67. The bar graph below shows the monthly demand and production figures (in units) of five T.V. companies, A, B, C, D and E.

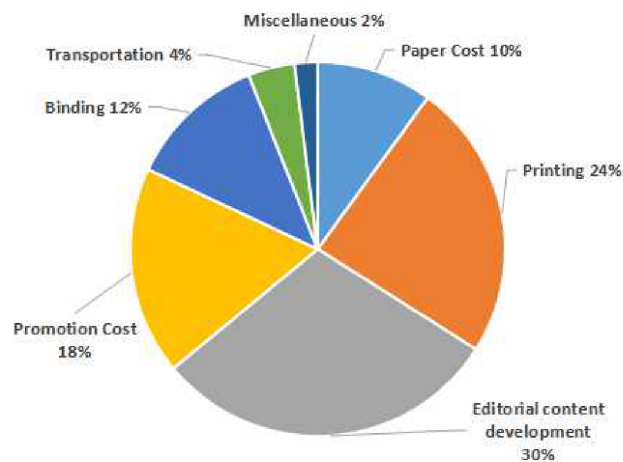


The production of company D is how many times the production of company A?

- (A) 1.8
- (B) 1.5
- (C) 2.5
- (D) 1.11

...

68. The pie chart below shows the percentage break-up of the costs incurred in printing a magazine.

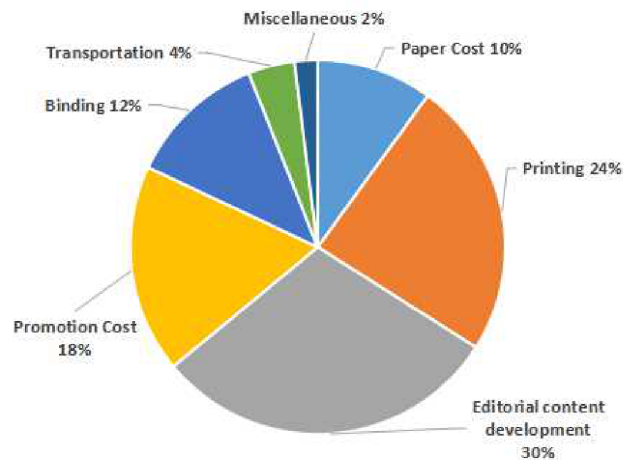


What is the angle of the sector representing the paper cost?

- (A) 10 degrees
- (B) 36 degrees
- (C) 23.5 degrees
- (D) 45 degrees

...

69. The pie chart below shows the percentage break-up of the costs incurred in printing a magazine.



For a given issue of the magazine, 2% of the total cost equals Rs. 2,000, and the print run is 12,500 copies. What should the sale price of each copy be if the publisher wants a profit of 5%?

- (A) Rs. 5
- (B) Rs. 7.5
- (C) Rs. 8
- (D) Rs. 8.40

• • •

70. If 'water' is called 'food', 'food' is called 'tree', 'tree' is called 'sky', and 'sky' is called 'wall', then on which of the following does a 'fruit' grow?

- (A) Water
- (B) Food
- (C) Tree
- (D) Sky

• • •

71. Choose the correct option to fill in the blank so that the sentence uses correct grammar.

She is a close friend of .

- (A) my
- (B) I
- (C) me
- (D) mine

• • •

72. Choose the correct option to fill in the blank so that the sentence uses correct grammar.

He took care of her she was restored to health.

- (A) when
- (B) before
- (C) after
- (D) till

• • •

73. Choose the correct option to complete the sentence with correct grammar.

The man his appearance completely since then.

- (A) is changing
- (B) changed
- (C) has changed
- (D) is changed

• • •

74. From the options below, choose the word with the incorrect spelling.

- (A) Diarrhea
- (B) Diaper
- (C) Dichotomy
- (D) Dias

• • •

75. Choose the word spelt correctly.

- (A) superintendant
- (B) sleve
- (C) allotted
- (D) dissipate

• • •

76. Fill in the blanks with the correct pair of words.
He lives _____ Bangaluru 115, _____ Richmond Road.

- (A) at - in
- (B) in - at
- (C) at - on
- (D) in - on

• • •

77. Fill in the blanks with the correct pair of words.
'Aurally challenged' is a _____ for the _____.

- (A) metaphor - blind
- (B) euphemism - deaf
- (C) simile - disabled
- (D) synonym - dumb

- - -

• • •

78. If error is a , fault is .

- (A) defect - a mistake
- (B) mistake - a defect
- (C) slip - an inaccuracy
- (D) blunder - to blame

• • •

79. The man has the rules of ethical conduct; he is a beast.

- (A) flaunted - literally
- (B) ignored - basically
- (C) broken - as
- (D) flouted - virtually

• • •

80. Which punctuation mark is missing in the following sentence? Part of Australia is known to the natives as The Outback.

- (A) inverted commas
- (B) semicolon
- (C) comma
- (D) hyphen

• • •

81. Which punctuation mark is missing in the following sentence? I know that you want to learn to drive Rima but you are too young.

- (A) inverted commas
- (B) semicolon
- (C) comma
- (D) hyphen

• • •

82. Select the option that is closest in meaning to the given word:

Veracious

- (A) False
- (B) Varied
- (C) Image
- (D) Truthful

• • •

83. Select the option that is closest in meaning to the given word: Perturb

- (A) Stipulate
- (B) Turn around
- (C) Disturb greatly
- (D) Compatible

• • •

84. Choose the option closest in meaning to the phrase in bold: He was a king who ruled his subjects **with a high hand**.

- (A) sympathetically
- (B) oppressively
- (C) democratically
- (D) generously

— — —

• • •

85. I racked my brains to solve this difficult problem.

- (A) I read a large number of books.
- (B) I consulted several people.
- (C) I used my commonsense.
- (D) I subjected my mind to hard thinking.

• • •

86. I was supposed to give a speech to my English class, but I got cold feet and I didn't go.

- (A) My English class-room makes my feet feel too cold.
- (B) My feet got cold so I didn't go.
- (C) I got too nervous and I didn't go.
- (D) It was winter time and I had no socks for my feet.

• • •

87. Take care of what you say! You will have to eat your words!

- (A) You have no food to eat.
- (B) You will have to take back what you have said.
- (C) You are not good with your language.
- (D) None of the above.

• • •

88. Which two sentences convey the same idea?

- 1) Shouldn't they have checked your tickets?
- 2) I wonder if they should have checked your tickets.
- 3) I want to know if they checked your tickets.
- 4) They should have checked your tickets.

- (A) 2, 3
- (B) 1, 2
- (C) 1, 4
- (D) 2, 4

• • •

89. He was magnanimous and his benevolence made him give to charity.
Choose the word opposed to the meaning contained in the sentence.

- (A) mean
- (B) cruel
- (C) snobbish
- (D) tyrannical

• • •

90. Biannual is

- (A) once in two years
- (B) every year
- (C) twice a year
- (D) after every two years

• • •

91. Choose the odd one out:

- (A) temporal
- (B) ephemeral
- (C) transient
- (D) eternal

• • •

92.

Choose the correct option.

If 'inter' means between as in interstate, 'intra' as in intravenous means _____.

- (A) into
- (B) onto
- (C) within
- (D) without

• • •

93.

Match the part of speech (in bold) to their usage (down).

1. Adjective	5. The fire engine came rushing down the hill.
2. Preposition	6. He has seen the ups and downs of life.
3. Noun	7. Down with the tyrant!
4. Verb	8. The porter was hit by the down train.

- (A) 1-8, 2-5, 3-6, 4-7
- (B) 1-6, 2-5, 3-8, 4-7
- (C) 1-5, 2-6, 3-7, 4-8
- (D) 1-5, 2-7, 3-6, 4-8

• • •

94.

Instructions for question. Match the items in column I with those in column II. Choose the correct answer combination given below.

I	II
1. As deaf as	5. gall
2. As bitter as	6. an eel
3. As unpredictable as	7. a post
4. As slippery as	8. the weather

- (A) 1-7, 2-6, 3-8, 4-5
 (B) 1-7, 2-5, 3-8, 4-6
 (C) 1-8, 2-6, 3-5, 4-7
 (D) 1-5, 2-7, 3-6, 4-8

• • •

95.

Match the part of speech (in bold) to their usage. ABOVE

1. adjective	5. Rain comes from above .
2. adverb	6. His conduct is above suspicious.
3. Noun	7. Look above the mantel piece.
4. preposition	8. The above information is for the public.

- (A) 1-8, 2-7, 3-5, 4-6
 (B) 1-7, 2-6, 3-5, 4-8
 (C) 1-8, 2-5, 3-6, 4-7
 (D) 1-6, 2-8, 3-5, 4-7

• • •

96.

Choose the segment with the error. If there is no error, choose option 4.

Idli and Sambar/1 make the breakfast/2 in the South./3

- (A) 1
- (B) 2
- (C) 3
- (D) 4

• • •

97.

Choose the segment with the error. If there is no error, choose option 4.

Your account should/1 have been credited/2 with three months'
interest./3

- (A) 1
- (B) 2
- (C) 3
- (D) 4

• • •

98.

Choose the sentence where the underlined word is used appropriately.

- (A) Who's car are you planning to borrow?
- (B) Whose planning to have a birthday party?
- (C) He is the person who you met at the junction.
- (D) Does he know whom to call about the hotel reservations?

• • •

99. Read the two sentences and choose the correct option:

1. Can you imagine his forgetting his own birthday?
2. Can you imagine him forgetting his own birthday?

- (A) The first sentence is correct
- (B) The second sentence is correct
- (C) Both sentences are correct
- (D) Both sentences are wrong

• • •

100. Read the two sentences and choose the correct option:

1. Recently I read about a unique wedding that took place in the newspaper.
2. Recently I read in the newspaper about a unique wedding that took place.

- (A) The first sentence is correct
- (B) The second sentence is correct
- (C) Both sentences are correct
- (D) Both sentences are wrong

• • •

101. Complete the sentence with the correct phrase:

You cannot succeed unless

- (A) you do not work hard
- (B) you shall not work hard
- (C) you will work hard
- (D) you work hard

• • •

102. Re-arrange the scrambled segments in logical order to make a complete sentence:

1. to place where more opportunities are available
2. and so there is a great demand for English
3. for professional and economic growth
4. because it takes one outside one's own community
5. English is language of opportunities

- (A) 1, 2, 5, 3, 4
(B) 5, 4, 1, 3, 2
(C) 3, 1, 4, 2, 5
(D) 2, 1, 3, 5, 4

• • •

103. Choose the best construction:

- (A) If you would have taken care you wouldn't have got typhoid.
(B) If you took care you wouldn't have got typhoid.
(C) If you take care you wouldn't have got typhoid.
(D) If you had taken care you wouldn't have got typhoid.

• • •

104. Choose the correct option to complete the sentence:

At times, we are all to be mistaken.

- (A) apt
(B) likely
(C) considered
(D) able

• • •

105. Choose the correct question tag to complete the sentence:

He hardly cares, ?

- (A) does he
- (B) doesn't he
- (C) will he
- (D) won't he

• • •

106. Identify the figure of speech used in the sentence: "As proud as a peacock."

- (A) Metaphor
- (B) Simile
- (C) Apostrophe
- (D) Epigram

• • •

107. Identify the figure of speech used in the sentence: "Death lays his icy hand on kings."

- (A) Personification
- (B) Exclamation
- (C) Simile
- (D) Anticlimax

• • •

108.

Read the passage and answer the question that follows.

"A way to deal with frozen feelings"

Every child experiences all that happens around him with total awareness. In the first seven years the child's brain is like a sponge, taking in all sensory inputs and building his idea of his surroundings. As long as the environment is safe, the child learns with incredible speed. However, when the environment is scary or stressful, the child unlearns past learning just as rapidly.

In the early years of every child's life, whenever there is shock, violence, fear or pain, these intense emotions are imprinted deeply into memory. Whenever the same activity or situation is repeated, the nervous system and body subconsciously re-experience the memory of that trauma.

Any emotional situation that takes us out of the present and into the past means that whenever the same kind of emotion crops up later in our life we return to the past for our reference point. If that point was at age three, we find ourselves behaving like a three-year-old. We feel childish and we behave childishly. Our feelings are the cause of this 'glitch' in our learning process. We know we should be able to make a positive change, but that doesn't change anything.

The process of change need not be traumatic. We couldn't have done any better because we didn't know how to. But we should realise that was then and this is now! We can choose to choose again. It's up to us. It's our movie!

The "Frozen Feelings" being talked about are about:

- (A) Negative childhood experiences
- (B) Childhood learning patterns
- (C) Inability to learn as an adult
- (D) None of the above

• • •

109.

Read the passage and answer the question that follows.

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Every child experiences all that happens around him with total awareness. In the first seven years the child's brain is like a sponge, taking in all sensory inputs and building his idea of his surroundings. As long as the environment is safe, the child learns with incredible speed. However, when the environment is scary or stressful, the child unlearns past learning just as rapidly.

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A 'glitch' is:

- (A) A ditch
- (B) Uneasy emotions
- (C) Sudden malfunction or breakdown
- (D) Learning patterns

• • •

110.

Read the passage and answer the question that follows.

"A way to deal with frozen feelings"

Every child experiences all that happens around him with total awareness. In the first seven years the child's brain is like a sponge, taking in all sensory inputs and building his idea of his surroundings. As long as the environment is safe, the child learns with incredible speed. However, when the environment is scary or stressful, the child unlearns past learning just as rapidly.

In the early years of every child's life, whenever there is shock, violence, fear or pain, these intense emotions are imprinted deeply into memory. Whenever the same activity or situation is repeated, the nervous system and body subconsciously re-experience the memory of that trauma.

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The process of change need not be traumatic. We couldn't have done any better because we didn't know how to. But we should realise that was then and this is now! We can choose to choose again. It's up to us. It's our movie!

Identify the correct sentence, based on the paragraph.

Sentence 1: The process of change needs to be traumatic.

Sentence 2: We feel childish and we behave childishly.

- (A) The process of change needs to be traumatic.
- (B) We feel childish and we behave childishly.
- (C) Both sentences are incorrect.
- (D) Both the sentences are correct.

• • •

111. Dendrochronology is:

- (A) The method of scientific dating based on the analysis of tree-ring growth patterns.
- (B) A core sample from the accumulation of snow and ice over many years that have re-crystallized and have trapped air bubbles from previous time periods.
- (C) The study of glaciers or more generally ice and natural phenomena that involve ice.
- (D) The scientific study of landforms and the processes that shape them.

• • •

112. Which company launched the first mobile phone operation in India?

- (A) Bharti Airtel
- (B) Essar
- (C) Max Touch
- (D) Modi Telstra

• • •

113. Which is the longest running English language TV cartoon in history, first launched by Warner Brothers in 1969 exclusively for television, and is now popular fare on the Cartoon Network?

- (A) Scooby Doo
- (B) Tom and Jerry
- (C) Popeye
- (D) Johnny Bravo

• • •

114. The expansion for BIFR, in the context of the Indian Industry is:

- (A) Board for Industrial and Financial Reconstruction
- (B) Bureau for Industrial and Financial Reconstruction
- (C) Board for Investment and Financial Reconstruction
- (D) Bureau for Investment and Financial Reconstruction

• • •

115. What is Ekistics?

- (A) The water sports related study
- (B) The science of Body Mass
- (C) The art of card tricks
- (D) The science of human settlements

• • •

116. What is Red Herring in an IPO?

- (A) Prospectus
- (B) Submission of Form
- (C) Funds Generated during IPO
- (D) Minimum Offer per Share

• • •

117. Eight O'clock Coffee, a US based coffee marketer, is a group company of

- (A) Tata
- (B) ITC
- (C) Britannia
- (D) Unilever

• • •

118. Bio-diesel is extracted from the following plant:

- (A) Hibiscus
- (B) Aloe Vera
- (C) Jatropha
- (D) Chamomile

• • •

119. Which woman tennis player won the maximum number of Grand Slam singles titles in the history of tennis?

- (A) Steffi Graf
- (B) Martina Navratilova
- (C) Billi Jean King
- (D) Margaret Court

• • •

120. What is the nickname of New York city?

- (A) Big Sweet Lime
- (B) Big Apple
- (C) Big Grape
- (D) None of the above

• • •

121. Which was the first Indian company to be listed in NASDAQ?

- (A) TCS
- (B) Wipro
- (C) Infosys
- (D) Cognizant

• • •

122. "TAREGNA" - a village in Bihar was in the news because of

- (A) Rahul Gandhi's election campaign
- (B) Viewing of the solar eclipse
- (C) A visit by Hillary Clinton
- (D) The Naxal massacre of tribals

• • •

123. The driver for Formula One's Force India Team is

- (A) Mark Webber
- (B) Adrian Sutil
- (C) Felipe Massa
- (D) Jenson Button

• • •

124. (MDRT) - Million Dollar Round Table consists of

- (A) World's richest industrialists
- (B) World's most powerful golfers
- (C) Global Association of Life Insurance professionals
- (D) World's richest sports persons

• • •

125. Who declares the "Credit Policy" of India?

- (A) The Finance Ministry
- (B) Reserve Bank of India
- (C) The Commerce Ministry
- (D) The Indian Bank's Association

• • •

126. Name of the body which regulates the stock Exchanges in India is

- (A) CBI
- (B) CID
- (C) SHCIL
- (D) SEBI

• • •

127. *Rafflesia arnoldii* is its botanical name and it holds a world record in the plant world. What is the record?

- (A) Tallest cacti
- (B) Largest bloom
- (C) Longest surviving tree
- (D) Smallest plant

• • •

128. Temujin was a famous historical character of the world, but we know him by a different name. Which one?

- (A) Babur
- (B) Genghis Khan
- (C) Kublai Khan
- (D) Emperor Nero

• • •

129. What is Short Selling in stock market lingo?

- (A) Selling the shares which you do not own.
- (B) Selling a share after owning it for a short period of time.
- (C) Selling all the shares in your booty which are not productive.
- (D) Selling of shares which are quoted for a short period of time.

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130. Mahatma Gandhi was nominated for the Nobel Peace prize for the first time in the year 1937 and last time in the year 1948. How many times in between these two years was he nominated?

- (A) 1
- (B) 3
- (C) 2
- (D) 0

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131. Which organization instituted the Nobel Prize in Economics?

- (A) Svenska Handelsbanken
- (B) International Monetary Fund
- (C) Economics Department of Oxford University
- (D) Sveriges Riksbank

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132. Film stars have been endorsing Lux beauty soap since ages. Who was the first actress of Bollywood to do so?

- (A) Madhubala
- (B) Leela Naidu
- (C) Suraiya
- (D) Leela Chitnis

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133. India's interstate cricket tournament is named after Kumar Shri Ranjitsinghji Vibhaji Jadeja or in short Ranji, the great cricket legend. He played his cricket in England and also played for the English national team. Which county did he used to play for in the league cricket of England?

- (A) Sussex
- (B) Essex
- (C) Somerset
- (D) Surrey

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134. As a rule, all major state capitals in India have offices of the Reserve Bank of India (RBI), with only one exception. Which city has an RBI office despite not being a state capital?

- (A) Pune
- (B) Allahabad
- (C) Baroda
- (D) Nagpur

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135. This well-known Indian business leader was born on 28 December 1937 in Surat. He completed the Advanced Management Program at Harvard Business School in the USA. He turned down a job offer from IBM to join his family business, and today he is one of the top business leaders in India. Name this business tycoon.

- (A) Ratan Tata
- (B) Anil Ambani
- (C) Azim Premji
- (D) Anand Mahindra

• • •

136. It was known and used in Egypt around 3000 BC, but its name actually comes from an old French expression. It is made by fermenting ethanol, a process that produces its key ingredient, ethanoic acid. What is this substance?

- (A) Tabasco Sauce
- (B) Phenol
- (C) Vinegar
- (D) Soya Sauce

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137. The name of this Japanese company literally means three diamonds. Which company is it?

- (A) Sanyo
- (B) Mutsuhito
- (C) Mitsubishi
- (D) Suzuki

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138. Who were the first twins to play Test cricket?

- (A) Merv and Kim Hughes
- (B) Ian and Greg Chappell
- (C) Surinder and Mohinder Amarnath
- (D) Steve and Mark Waugh

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139. Which country has the largest rail network in the world?

- (A) India
- (B) China
- (C) U.S.A
- (D) U.K.

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140. Who won the women's singles title at the 2009 French Open tennis tournament?

- (A) Svetlana Kuznetsova
- (B) Kristina Mladenovic
- (C) Maria Sharapova
- (D) Venus Williams

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141. Who invented the microchip?

- (A) Robert Noyce and Jack Kilby
- (B) Larry Page and Sergey Brin
- (C) Sabeer Bhatia
- (D) Gordon Moore & Robert Noyce

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142. Which is the largest landlocked country in the world?

- (A) Switzerland
- (B) China
- (C) Kazakhstan
- (D) Mongolia

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143. Which country makes Panama hats?

- (A) Ecuador
- (B) Panama
- (C) Cuba
- (D) Bolivia

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144. Who was the Prime Minister of India when the 42nd Amendment Bill bringing in the changes in the Constitution was passed?

- (A) Rajiv Gandhi
- (B) V.P. Singh
- (C) Indira Gandhi
- (D) Morarji Desai

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145. Which one of the following planets lost its planet status recently?

- (A) Moon
- (B) Neptune
- (C) Pluto
- (D) Saturn

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146. One barrel of oil is approximately equivalent to how many litres?

- (A) 200
- (B) 150
- (C) 120
- (D) 160

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147. Five year plans in India are finally approved by the :

- (A) Union Cabinet
- (B) President on the advice of prime minister
- (C) National Development Council
- (D) Planning commission

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148. Many a time we read in the newspapers about the Southern Cone of South America, which includes Argentina, Chile, Paraguay, Uruguay and Peru. Which is the most spoken language of this geographical area?

- (A) Portuguese
- (B) Spanish
- (C) French
- (D) English

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149. Which one of the following is not a member of the Organization of Petroleum Exporting Countries (OPEC)?

- (A) Algeria
- (B) Brazil
- (C) Ecuador
- (D) Nigeria

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150. Who invented the 'computer laptop'?

- (A) Arthur Wynne - USA
- (B) Q. Daimler - Germany
- (C) Sinclair - Britain
- (D) None of the above