

**Directions (Q. (1 – 5):** Read the following passage and answer the questions that follow. Your answer to these questions should be based on the passage only:

**Passage 1**

The global refugee crisis has reached alarming proportions, with millions of people fleeing their homes due to conflict, persecution and instability. Data and statistics underscore the magnitude of this crisis, shedding light on the immense challenges faced by both refugees and host countries.

As of the most recent UNHCR report, there are over 82 million forcibly displaced people worldwide. This includes refugees, asylum seekers and internally displaced persons. The number of refugees alone has surpassed 26 million, with nearly 80% of them hosted by neighbouring countries in regions facing their own challenges.

Syria remains one of the most significant contributors to the refugee crisis. Since the onset of its civil war in 2011, an estimated 6.7 million Syrians have fled their country. Afghanistan is another major source, with over 2.7 million refugees, driven by ongoing conflict and insecurity. Venezuela's political and economic turmoils have resulted in a staggering 5.4 million people seeking refugees in neighbouring countries.

Developing nations shoulder a substantial burden in hosting refugees. Countries like Turkey, Pakistan and Uganda are among the top refugee – hosting nations. Turkey alone hosts more than 3.6 million refugees, primarily from Syria, placing significant strains on its resources and infrastructure.

The international community faces a collective challenge in addressing this crisis. Providing humanitarian aid, ensuring access to education and healthcare and facilitating resettlement are vital components of a comprehensive response. However, strained resources, political complexities and the growing trend of anti – immigrant sentiment in some host countries present obstacles to find effective solutions.

In conclusion, the current international refugee crisis is a complex issue with far reaching implications. Data and statistics highlight the staggering numbers of displaced individuals and the significant challenges faced by both refugees and host countries. Addressing this crisis requires international cooperation, policy reforms and a commitment to upholding human rights in the face of adversity.

1. How many forcibly displaced people are there globally, according to the UNHCR report?  
(a) 26 million (b) 50 million (c) 82 million (d) 100 million
2. Which country has hosted the largest number of refugees from Syria?  
(a) Turkey (b) Jordan (c) Lebanon (d) Iraq
3. What is a major driver of the refugee crisis in Afghanistan?  
(a) Economic Opportunities (b) Religious freedom  
(c) Ongoing conflict and insecurity (d) Political Stability
4. Among the listed countries, which one hosts the most refugees?  
(a) Germany (b) United States (c) Turkey (d) Canada
5. What challenge is faced by host countries in addressing the refugee crisis?  
(a) Ample resources and infrastructure  
(b) Low levels of international cooperation  
(c) Anti Immigrant sentiment and strained resources  
(d) Ignoring human rights concerns.

**Passage – 2**

Genetic engineering, a revolutionary branch of biotechnology, continues to evolve rapidly, transforming the way we approach medicine, agriculture and various scientific endeavours. Recent developments in this field highlight both the immense potential and ethical considerations that come with the power to manipulate DNA.

In the medical realm, gene editing technologies like CRISPR – Cas 9 have gained prominence. These tools offer unprecedented precision in modifying genes, holding promise for treating genetic disorders. In the groundbreaking clinical trial, researchers successfully used gene editing to treat sickle cell anaemia. The patient's own modified cells were reintroduced into their body, resulting in reduced symptoms and an improved quality of life.

However, these advancement also raise ethical concerns. The potential for creating “design babies” through gene editing has sparked debates about the boundaries of genetic manipulation . The Question of whether it’s ethical to alter human DNA to enhance physical or cognitive traits continues to challenge bioethicists, policymaker and society at large.

Data indicates the expontial growth of genetic engineering research. In the past decade, the number of scientific publications related to CRISPR technology has multiplied significantly. In 2010, there were approximately 150 CRISPR – related publications; by 2020, that number had soared to over 9,000. This surge demonstrates the profound impact of genetic engineering on the scientific community.

As we navigate this brave new world of genetic engineering , striking a balance between innovation and ethical considerations remains paramount. The potential to cure genetic diseases, enhance food security and make leaps in scientific understanding is immense. However, careful consideration and collaboration are necessary to ensure that the benefits are realized while addressing the ethical complexities that accompany these technological break throughs.

6. Which gene editing technology has gained prominence recently?
  - (a) PCR
  - (b) CRISPR – Cas 9
  - (c) DNA sequencing
  - (d) Microarray analysis
7. In the clinical trial, gene editing was successfully used to treat which genetic disorder?
  - (a) Cystic fibrosis
  - (b) Huntington’s disease
  - (c) Sickle cell anaemia
  - (d) Diabetes
8. What is one of the benefits of Genetically Modified (GM) crops?
  - (a) Increased susceptibility to pests
  - (b) Reduced nutritional content
  - (c) Improved crop yield and pest resistance
  - (d) Longer growth periods
9. What ethical concern is associated with genetic engineering?
  - (a) improving food security
  - (b) Enhancing cognitive traits
  - (c) Treating genetic disorders
  - (d) Preventing malnutrition
10. How has the number of CRISPR – related scientific publications changed over the past decade?
  - (a) It has remained constant
  - (b) It has decreased significantly
  - (c) It has increased moderately
  - (d) It has multiplied exponentially

**Direction (11 – 12) :** In questions given below , a part of the sentence is italicised and underlined. Below are given alternatives to the italicised part which may improve the sentence. Choose the correct alternative . In case no improvement is needed, option (d) is the answer:

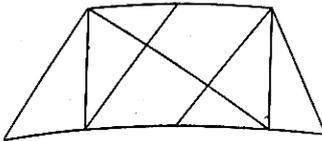
11. The workers are hell bent at getting what is due to them.
  - (a) hell bent on getting
  - (b) hell bent for getting
  - (c) hell bent upon getting
  - (d) No improvement
12. When it was feared that the serfs might go too far and gain their freedom from serfdom, the Protestant leaders joined the princes at crushing them.
  - (a) into crushing
  - (b) in crushing
  - (c) without crushing
  - (d) No improvement
13. In the following question, choose the word which is the exact OPPOSITE of the given word:  
 ENORMOUS
  - (a) Soft
  - (b) Average
  - (c) Tiny
  - (d) Weak
14. Some proverbs/ idioms are given below together with their meanings. Choose the correct meaning of proverb / idiom:  
 To keep one’s temper
  - (a) To become angry
  - (b) To be in good mood
  - (c) To preserve one’s energy
  - (d) None of the above
15. Find the **correctly** spelt word.
  - (a) Efficient
  - (b) Treatment
  - (c) Beterment
  - (d) Employed

**Directions (16 – 18) :** Read the paragraph and answer the following

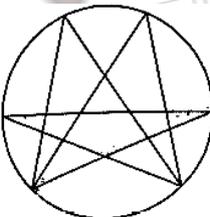
I felt the wall of the tunnel shiver. The master alarm squealed through my earphones. Almost simultaneously, Jack warning light on. Fleeting but spectacular sights snapped into and out of view, the snow, the shower of debris, the moon, looming close and big, the dazzling sunshine for once unfiltered by layers of were particular bone – chilling. During this module. Even after the fiery re – entry splashing down in 81° water in South Pacific, we could still see our frosty breath inside the command module

16. The word 'Command Module' used twice in the given passage indicates perhaps that it deals with
- (a) an alarming journey (b) a commanding situation  
 (c) a journey into outer space (d) a frightful battle
17. Which one of the following reasons would one consider as more as possible for the warning lights to be on?
- (a) There was a shower of debris (b) Jack was yelling  
 (c) A catastrophe was imminent (d) The moon was looming close and big
18. The statement that the dazzling sunshine was "for once unfiltered by layers of air" means
- (a) that the sun was very hot (b) that there was no strong wind  
 (c) that the air was unpolluted (d) none of the above
19. In the question below, out of the four alternatives, choose the one which can be substituted for the given word/ sentence:
- Extreme old age when a man behaves like a fool.
- (a) Imbecility (b) Senility (c) Dotage (d) Superannuation
20. In the following question, choose the word which best expresses the meaning of the given word: EMBEZZLE
- (a) Misappropriate (b) Balance (c) Remunerate (d) Clear
21. **Direction :** Choose the **correct** option considering the statements followed by the conclusions:
- Statements :**
- (a) some panthers are cats  
 (b) All cats are mammals  
 (c) Some mammals are not panthers.
- Conclusions:**
- (i) some mammals are panthers  
 (ii) All panthers are mammals  
 (iii) All cats are panthers  
 (iv) all mammals are panthers
- (a) None follows (b) Only (i) follows  
 (c) only (i) and (ii) follow (d) Only (ii) and (iii) follow
22. Divyagarh gave an application for a new passport to the clerk on Monday Afternoon. Next day was a holiday. So, the clerk cleared the papers on the next working day on resumption on duty. The senior clerk checked it on the same day but forwarded it to the head clerk on the next day. The head clerk decided to dispose the case on the subsequent day. On which of the following days was the case put up to the head clerk by the senior clerk?
- (a) Wednesday (b) Thursday (c) Friday (d) None of the above
23. **Direction :** Choose the **correct** option considering the statement followed by the conclusions
- Statements:**
- (a) some desks are apartments  
 (b) all apartments are cars  
 (c) some cars are trucks
- Conclusions:**
- (i) some desks are trucks  
 (ii) Some desks are cars  
 (iii) Some cars are apartments  
 (iv) No truck is a desk

- (a) None follows  
 (b) Only (ii) and (iii) follow  
 (c) Either only (i) or (ii), (iii) and (iv) follow  
 (d) Either only (i) or (iv), (ii) and (iii) follow
24. Complete the following series:  
 E – 5, G – 7, I – 9, K – 11, ?  
 (a) L – 13, N – 14                      (b) M – 13, O – 15                      (c) L – 12, M – 14                      (d) K – 12, M - 14
25. In a row of children, Bali is seventh from the left and Moti is fourth from the right. When Bali and Moti exchange positions, Bali will be the fifteenth from the left. What will be Moti's position from the right?  
 (a) Eighth                                      (b) Fourth                                      (c) Eleventh                                      (d) Twelfth
26. A woman presents a man as the son of the brother of her mother. How is the man related to the woman?  
 (a) Nephew                                      (b) Son                                      (c) Cousin                                      (d) Uncle
27. Facing a man in the eye, Nero said, "Your son is my son's uncle." How is the man related to Nero?  
 (a) Brother                                      (b) Father                                      (c) Uncle                                      (d) Grandfather
28. If "I" denotes "added to", "@" denotes "divided by", "%" denotes "Multiplied by" and "^" denotes "subtracted from", then  $13! 102@ 6\% 2^4 1 = ?$   
 (a) 6                                      (b) 9                                      (c) 14                                      (d) 12
29. Find the number of triangles in the given figure:



- (a) 8                                      (b) 10                                      (c) 12                                      (d) 14
30. Find the number of triangles in the given figure:



- (a) 22                                      (b) 24                                      (c) 26                                      (d) 28
31. If the marked price of 30 articles is equal to the selling price of 40 article, then find the % discount.  
 (a) 25%                                      (b) 33.33%                                      (c) 75%                                      (d) 205
32. A student scores 36% marks and he fails by 32 marks. But if he scores 48% marks then he will get 64 marks more than the passing marks. Find the pass percentage.  
 (a) 40%                                      (b) 50%                                      (c) 35%                                      (d) 45%
33. The monthly incomes of X and Y are in the ratio of 4 : 3 and their monthly expenses are in the ratio of 3 : 2. However, each saves Rs 6,000 per month. What is their total monthly income?  
 (a) Rs 28000                                      (b) Rs 42000                                      (c) Rs 56,000                                      (d) Rs 84,00
34. P works thrice as fast as Q, whereas P and Q together can work four times as fast as R. If P, Q and R work together on a job, then in what ratio should they share the earnings?  
 (a) 3 : 1 : 1                                      (b) 3 : 2 : 4                                      (c) 4 : 3 : 4                                      (d) 3 : 1 : 4
35. 8 men can do a piece of work in 12 days while 20 men can do it in 10 days. In how many days 12 men and 15 women together can complete the same work?

(a) 4

(b) 5

(c) 6

(d) 7

**Directions (36 – 40) :** In each question below is given a statement followed by three courses of action numbered (i), (ii) and (iii). A course of action is a step or administrative decision to be taken for improvement, follow up or further action in regard to the problem, policy, etc. On the basis of the information given in the statement, you have to assume everything in the statement to be true, then decide which of the suggested courses of action logically follow(s) for pursuing:

36. **Statement :** A heavy unseasonal downpour during last two days has paralysed the normal life in the state in which five persons were killed but this has provided a huge relief to the problem of acute water crisis in the state.

**Courses of Action :**

(i) The State Government should set up a committee to review the alarming situation

(ii) The state Government should immediately remove all the restrictions, on use of potable water in all the major cities in the state.

(iii) The state Government should send relief supplies to all the affected areas in the state

(a) None

(b) only i

(c) Only ii and iii

(d) Only iii

37. **Statement :** A large private bank has decided to retrench one third of its employees in view of the huge losses incurred by its during the past three quarters.

**Courses of action:**

(i) The government should issue a notification to general public to immediately stop all transaction with the bank.

(ii) The government should direct the bank to refrain from retrenching its employees.

(iii) The government should ask the central bank of the country to initiate an enquire into the bank's activities and submit its report.

(a) None

(b) only (i)

(c) only (ii)

(d) only (iii)

38. **Statement :** Many political activities have decided to stage demonstrations and block traffic movement in the city during peak hours to protest against the steep rise in the prices of essential commodities.

**Courses of action:**

(i) The government should immediately ban all forms of agitations in the country.

(ii) The police authority of the city should deploy additional forces all over the city to help traffic movement in the city.

(iii) The state administration should carry out preventive arrests of the known criminals staying in the city.

(a) only (i)

(b) Only (ii)

(c) Only (iii)

(d) only (i) and (ii)

39. **Statement :** The school dropout rate in many districts in the State has increased sharply during the last few years as the parents of these children make them work in the fields owned by others to earn enough for them to get at least one meal a day.

**Courses of action:**

(i) The government should put a mechanism to provide food grains to the poor people in these districts through public distribution system to encourage the parents to send their wards to school.

(ii) The Government should close down some of these schools in the district and deploy the teachers of these schools to nearby schools and also ask remaining students to join these schools.

(iii) The government should issue arrest warrants for all the parents who force their children to work in fields instead of attending classes.

(a) only (i)

(b) Only (ii)

(c) only (iii)

(d) only (i) and (ii)

40. **Statement :** One aspirants was killed due to stampede while participating in a recruitment drive of 'police constables'

**Courses of action:**

(i) The official in charge of the recruitment process should immediately be suspended.

(ii) A team of officials should be asked to find out the circumstance which led to the death of the aspirants and submit its report within a week.

(iii) The Government should ask the home department to stagger the number of aspirants over more number of days to avoid such incidents in future.

(a) only (i)                                      (b) only (ii)                                      (c) only (iii)                                      (d) only (ii) and (iii)

**Directions (41 – 45) :** Study the following information carefully and answer the questions given below: Following are the conditions for selecting Senior Manager – General Banking in a bank:

The candidate must

(i) have secured at least 60 percent marks in std XII

(ii) have secured at least 55per cent marks in graduation in any discipline

(iii) have secured at least 60 percent marks in Postgraduate degree/ diploma in Management/ Economics/ Statistics.

(iv) be at least 25 years and not more than 35 years as on 01 – 03 – 2010

(v) have post qualification work experience of at least 2 years as General Banking Officer in a bank

(vi) have secured at least 40 percent marks in the personal interview.

In case of a candidate who satisfies all the above conditions except.

(a) at (iii) above but has secured at least 60 percent marks in CA or ICWA, the case is to be referred to the VP – Recruitment

(b) at (vi) above but has secured at least 65 percent marks in the written examination and at least 35 percent marks in the personal interview, the case is to be referred to the president – Recruitment.

In each question below are given details of one candidate. You have to take one of the following courses of action based on the information provided and the conditions and sub conditions given above and mark the number of that course of action as your answer. You are not to assume anything other than the information provided in each question. All these are given to you as on 01-03 - 2010

41. Kesav Vora was born on 8<sup>th</sup> November, 1978. He has secured 65 percent marks in Std. XII and 60 percent marks in Graduation. He has secured 58 percent marks in MA Economics and 60 percent in ICWA. He has been working in a bank as a Generalist officer for the past two years after completing his education. He has also secured 50 percent marks in the written examination and 45 percent marks in the personal interview.

(a) The data provided is inadequate to take decision.

(b) The case is to be referred to the VP – Recruitment

(c) The case is to be referred to the President – Recruitment

(d) The candidate is to be selected

42. Arindam Ghosh has been working in a bank as a Generalist officer for the past four years after completing his postgraduate Diploma in Management with 60 percent marks. He has secured 50 percent marks in the written examination and 40 percent marks in the personal interviews. He has also secured 70 percent marks in std XII. He was born on 25<sup>th</sup> February, 1975.

(a) The data provided is inadequate to take decision.

(b) The case is to be referred to the VP Recruitment

(c) The candidate is to be selected

(d) The candidate is not to be selected.

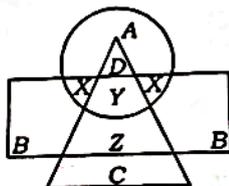
43. Sohan Majhi has secured 65 percent marks in B.Sc and 70percent marks in M.Sc Statistics. He has been working in a bank as Generalist Officer for the past three years after completing his Postgraduation. He has secured 55 percent marks in the written examination and 50 percent marks in the personal interview. He was born on 8<sup>th</sup> of July . 1982.

(a) The data provided is inadequate to take decisions.

(b) The case is to be referred to the VP Recruitment.

- (c) The case is to be referred to the President – Recruitment  
(d) The candidate is to be selected.
44. Neha Salve has been working in a bank as a Generalist officer for the past four years after completing her Postgraduate degree in Economics with 60 percent marks. She has secured 60 percent marks in both Graduation and std XII. She was born on 24<sup>th</sup> August, 1979. She has secured 70 percent marks in the written examination and 38 percent marks in the personal interview.  
(a) The data provided is inadequate to take decision  
(b) The case is to be referred to the VP Recruitment  
(c) The case is to be referred to the President – Recruitment  
(d) The candidate is to be selected.
45. Neeta Jaiswal was born on 2<sup>nd</sup> of June , 1980. She has been working in a bank as a Generalist officer for the past three years after completing her Postgraduate degree in Economics with 60 percent marks. She has secured 6 percent marks in H.Sc and 58 percent marks in B. Com. She has also secured 50 percent marks in both the written examination and personal interview.  
(a) The data provided is inadequate to take decisions.  
(b) The case is to be referred to the VP Recruitment  
(c) The case is to be referred to the President – Recruitment  
(d) The candidate is to be selected.
46. Keeping in mind the relation between number of the first pair, find the possible number for the 2<sup>nd</sup> pair from the options given below:  
43 : 12 :: 84 : ?  
(a) 46 (b) 32 (c) 12 (d) None of the above
47. Three words are given in the following question which have common feature. Four options are given below the three words, one of which has that same common feature. Find the word:  
Fruit, flower, stem  
(a) Scent (b) Leaf (c) Vegetation (d) Forest
48. Three words are given in the following question. Four options are given below, one of which is representative of the three words. Find that option:  
Cheetah, Lion, Tiger  
(a) zoo (b) Extinct (c) Circus (d) Carnivorous
49. Raj travelled from a point X straight to Y at a distance of 80 metres. He turned right and walked 50 metres, then again turned right and walked 70 metres . Finally, he turned right and walked 50 metres. How far is he from the starting point?  
(a) 10 metres (b) 20 metres (c) 50 metres (d) 70 metres
50. Pointing to a photograph, a person tells his friend, “She is the granddaughter of the elder brother of my father.” How is the girl in the photograph related to this man?  
(a) Niece (b) Sister (c) Aunt (d) Sister in law

**Directions (51 – 55) :** In the following diagram, the circle represents college professors, the triangle stands for surgical specialists and Medical Specialists are represented by the rectangle:



51. College professors who are also Surgical specialists are represented by  
(a) A (b) B (c) C (d) D
52. Surgical specialists who are also Medical Specialists but not professors are represented by  
(a) B (b) X (c) Y (d) Z

53. C represents

- (a) Medical specialists                      (b) College professors  
 (c) Surgical specialists                      (d) Medical and surgical specialists

54. B represents

- (a) Professors who are neither Medical nor Surgical specialists  
 (b) Professors who are not surgical specialists  
 (c) Medical specialists who are neither Professors nor surgical Specialists  
 (d) Professors who are not Medical Specialists.

55. College professors who are also Medical Specialists are represented by

- (a) A    (b) X    (c) Y    (d) Z

**Directions (56 – 60) :** Read the following information carefully and answer the questions given below:

(i) A, B, C, D, E, F and G are sitting around a circle and are facing the centre.

(ii) G is second to the left of C, who is to the immediate left of F.

(iii) A is third to the left of E.

(iv) B is between D and E.

56. Which of the following is false?

- (a) A is fourth to the right of E.  
 (b) G is to the immediate right of D.  
 (c) F is third to right of D  
 (d) B is to the immediate left of D

57. Which of the following is true?

- (a) C is the fourth to the left of B  
 (b) A is to the immediate right of G.  
 (c) D is second to the left of E.  
 (d) B is second to the right of G.

58. Which of the following pairs has the first person sitting to the immediate left of the second person?

- (a) BE    (b) CA    (c) GD    (d) DG

59. Which of the following has the middle person sitting between the remaining two?

- (a) FCE    (b) FEB    (c) DEB    (d) None of the above

60. Which of the following is the position of F?

- (a) Fourth to the right of D    (b) To the immediate left of C  
 (c) Between A and E                      (d) To the middle Right of A

61. Find the greatest 6 digit number among the following which is exactly divisible by 24, 15 and 36.

- (a) 999999    (b) 999720    (c) 999750    (d) 999820

62. Which of the following is / are true for  $x = 7, y = 5, z = 3$ ?

- (a)  $xyz + 3$  is composite    (b)  $xyz - 4$  is prime  
 (c)  $x + y + z + 10$  is a perfect square    (d) all of the above

63. What is the least positive integer by which 750 should be multiplied so that the product is a perfect cube?

- (a) 12    (b) 24    (c) 36    (d) 48

64. A perfect square number can never have the digit \_\_\_\_\_ at the unit's place.

- (a) 4    (b) 5    (c) 8    (d) 9

65. The value of  $\sqrt{0.00059049}$  is

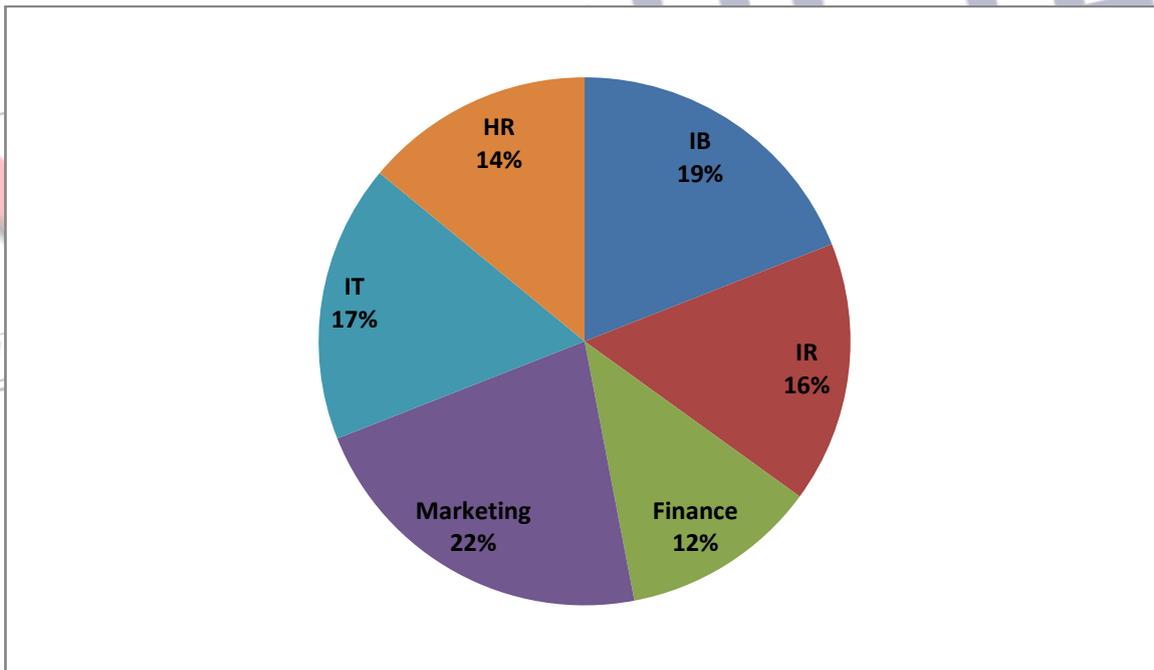
- (a) 0.243    (b) 0.0243    (c) 0.00243    (d) 0.000243

66. Which of the following statement is true?

- (a) All natural numbers are also whole numbers  
 (b) There is no smallest whole number  
 (c) The greatest whole number is 1000  
 (d) 1 is the smallest whole number

67.  $12 \times (15 + 34) = (12 \times 15) + (12 \times 34)$ , this is known as

- (a) distributivity of multiplication over addition  
 (b) closure property  
 (c) associativity of addition and multiplication  
 (d) commutative property
68. In the following series, how many such odd numbers are there which are divisible by 3 or 5, then followed by odd numbers and then also followed by even numbers:  
 12, 19, 21, 3, 25, 18, 35, 20, 22, 21, 45, 46, 47, 48, 9, 50, 52, 54, 55, 56  
 (a) 0 (b) 1 (c) 2 (d) 3
69. Aradhya , Reyansh and Akshit start at the same time in the same direction to run around a circular stadium. Aradhya completes one round in 252 second , Reyansh in 308 seconds and Akshit in 198 seconds. After what time will they meet again at the starting point?  
 (a) 42 minutes 12 seconds (b) 44 minutes 30 seconds  
 (c) 45 minutes 40 seconds (d) 46 minutes 12 seconds
70. Let the positions of the first two digits in each number of the following set are reversed :  
 738 359 456 342 986  
 Find the difference between the first digits of the highest number and lowest number.  
 (a) 4 (b) 5 (c) 6 (d) 7
71. The pie chart given below shows the percentage- wise breakup of students in terms of specialization in MBA:



- If the total number of students is 8000, what is the total number of students having specialization in IR Marketing and IT ?  
 (a) 4640 (b) 4400 (c) 4260 (d) 4080
72. Which of the following statements is sufficient to answer the question ?  
**Question :** Find the total number of students in a class if the class has some boys and some girls.  
**Statements :**  
 (i) The number of boys in a class is 10  
 (ii) The number of girls in a class is 2 more than the number of boys.  
 (a) Only statement (i) is sufficient  
 (b) Either statement (i) or (ii) is sufficient

- (c) Both statements (i) and (ii) are sufficient  
(d) Only statement (ii) is sufficient

73. The table below shows the daily income (in Rs) of 50 persons. Study the table carefully and answer the question given below :

| Income (Rs)   | No. of persons |
|---------------|----------------|
| Less than 300 | 12             |
| Less than 350 | 26             |
| Less than 400 | 34             |
| Less than 450 | 40             |
| Less than 500 | 50             |

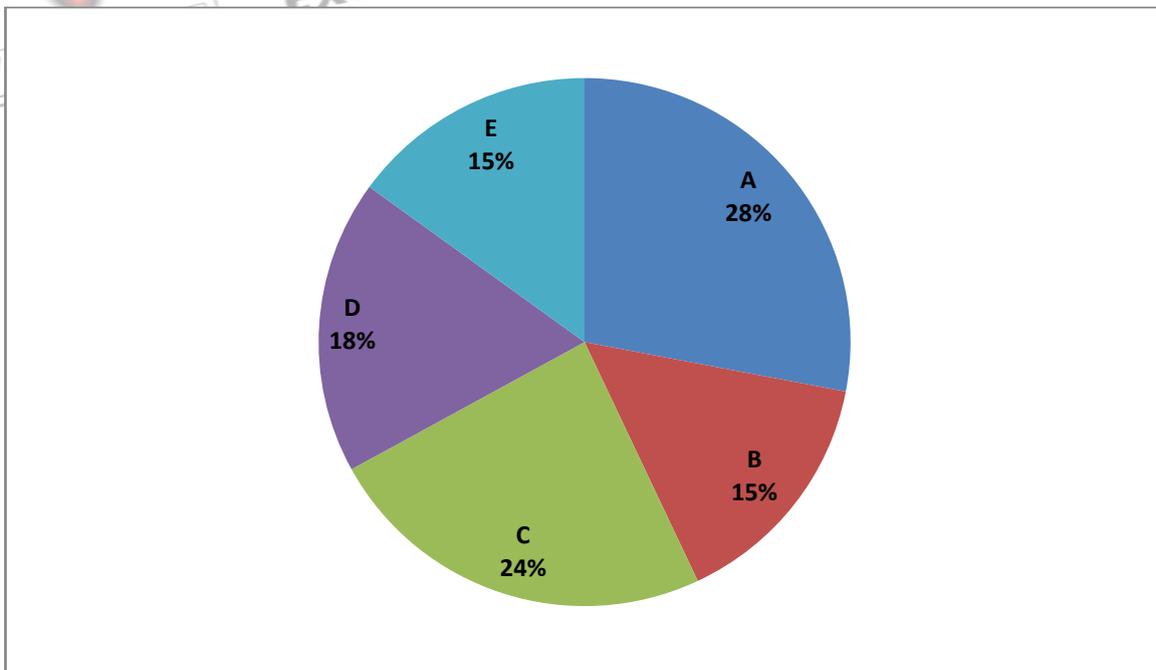
How many persons earn Rs.300 or more but less than Rs.400 ?

- (a) 8                                      (b) 12                                      (c) 22                                      (d) 38
74. Five distinct shops sold varying quantities of umbrellas and raincoats in a specific month. The table given below provides the sales figures for each shop :

| Shop | Number of umbrellas sold | Number of raincoats sold |
|------|--------------------------|--------------------------|
| A    | 250                      | 100                      |
| B    | 120                      | 140                      |
| C    | 200                      | 260                      |
| D    | 350                      | 320                      |
| E    | 250                      | 300                      |

If both the number of umbrellas and the number of raincoats sold by shop F is 40% more than that by shop E then what is the difference between the number of umbrellas and the number of raincoats sold by shop F ?

- (a) 90                                      (b) 70                                      (c) 60                                      (d) 50
75. The pie chart given below shows the percentage of students in five schools and the table below shows the ratio of boys and girls in each school. Study the pie chart and the table and answer the question that follows :



| School      | A   | B   | C   | D   | E   |
|-------------|-----|-----|-----|-----|-----|
| Girls: Boys | 3:4 | 2:3 | 5:3 | 1:2 | 4:1 |

If the total number of girls from all the five schools is represented as the pie chart, what will be the measure of the sector angle (to the nearest integer) corresponding to school B?

- (a)  $42^\circ$  (b)  $32^\circ$  (c)  $48^\circ$  (d)  $58^\circ$

76. In the light of data sufficiency choose the appropriate option.

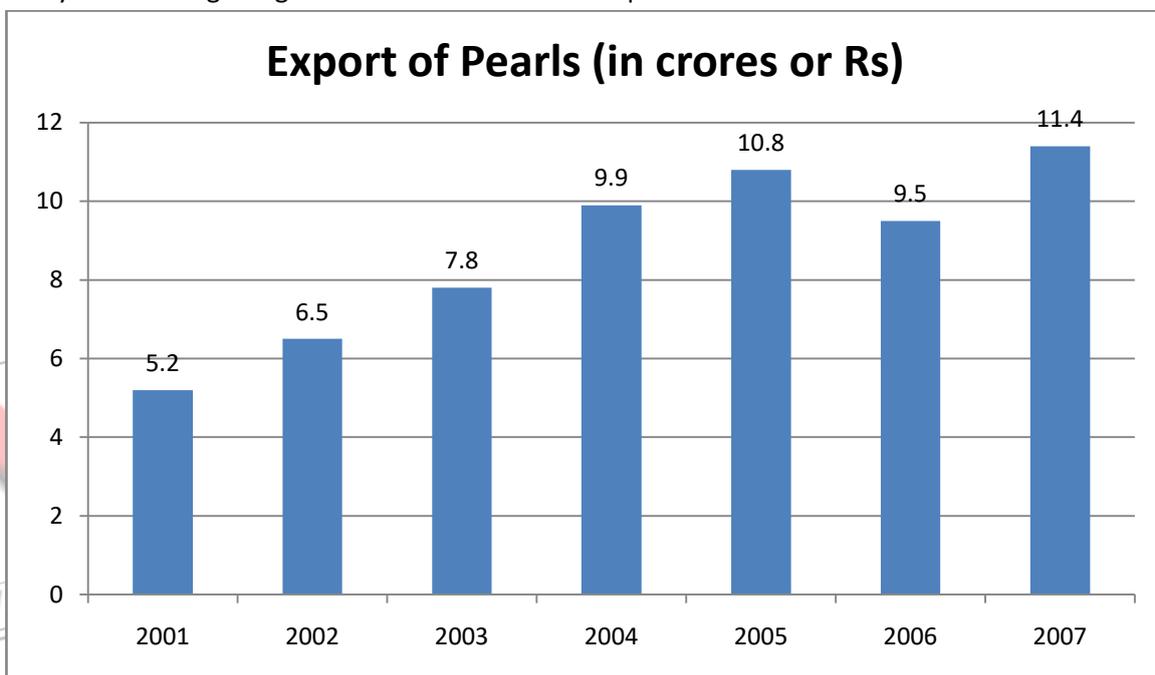
What will be the total weight of 10 poles, each of the pole is of same weight ?

Statements :

- (i) One –fourth of the weight of each pole is 5 kg.  
(ii) The total weight of three poles is 20 kg more than the total weight of two poles.

- (a) Statement (i) alone is sufficient while statement (ii) alone is not sufficient  
(b) Statement (ii) alone is sufficient while statement (i) alone is not sufficient  
(c) Either (i) or (ii) is sufficient  
(d) Neither (i) nor (ii) is sufficient

77. Study the bar diagram given below and answer the question :



What was the percentage increase in export form 2006 to 2007 ?

- (a)  $(50/3)\%$  (b) 20% (c) 19% (d) 24%

78. The following table given the percentage profit earned by two companies A and B over six years.

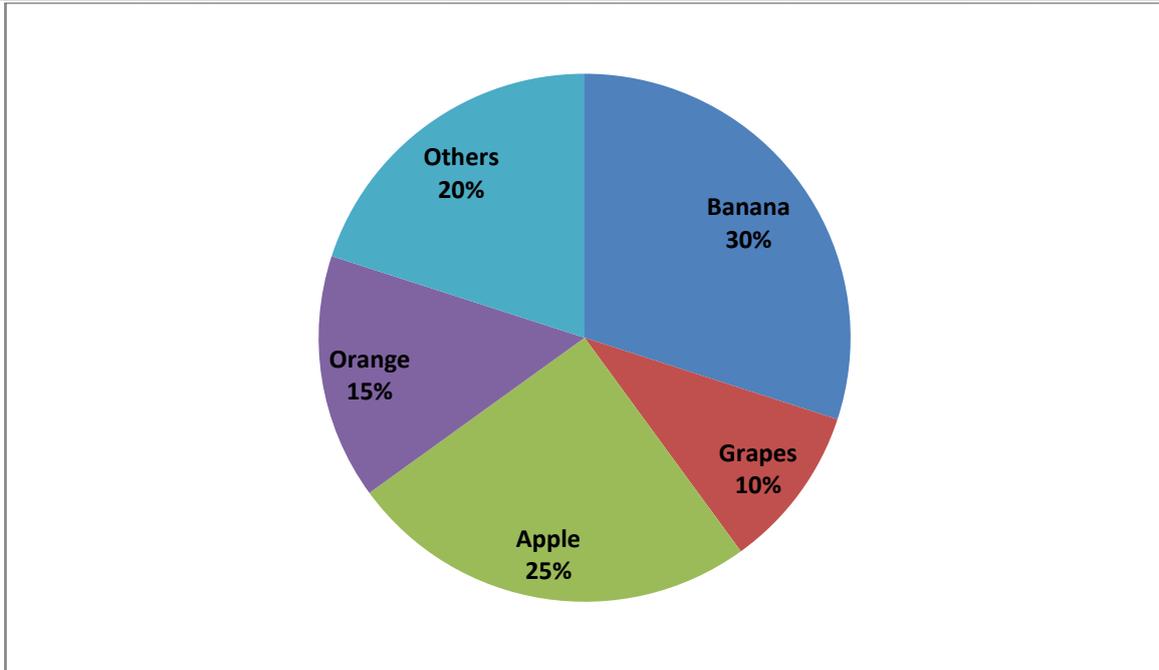
Answer the question given below :

| Year | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|------|------|------|------|------|------|------|
| A    | 25   | 45   | 35   | 50   | 30   | 40   |
| B    | 40   | 35   | 50   | 45   | 40   | 45   |

If the income of Company B in 2010 and 2011 were in the ratio of 2:3. Respectively , then what was the ratio of expenditures of that company in these two years ?

- (a) 9:12 (b) 10:29 (c) 20:27 (d) 29:45

**Direction (79 & 80) : Answer the questions based on the following pie chart that shows the sale of different fruits in a day for a shop :**



79. If a total of 1200 kg of fruits were sold in a day, calculate the amount of bananas sold (in kg).  
(a) 360 kg                      (b) 320 kg                      (c) 300 kg                      (d) 280 kg
80. Find the difference between sales of grapes and oranges.  
(a) 30 kg                      (b) 45 kg                      (c) 54 kg                      (d) 60 kg



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