Directions for questions 1 to 6: Answer the questions on the basis of the information given below.

Seven contestants - Abhi, Barik, Chiku, Dhir, Elex, Falak and Garima - participated in a reality show. Each contestant was evaluated on a scale of 0 to 50 points by four referees:
(a) Three Judges, Karan, Leena and Mayank, each of whom could award a maximum of 10 points.
(b) The fourth referee was the "PEOPLE'S VOTING" which carried a maximum of 20 points.
All ratings were Whole numbers only.
A contestant is ELIGIBLE to move to the next round if he/she receives at least a 50% of the maximum points from at least three referees and 60% from at least two referees. All the ELIGIBLE candidates are ranked on the basis of total points scored and the top four ranks QUALIFIED for the next round of the show. The partial information about points given by the four referees and total points is given in the table below.

Contestant	Judge			People's Voting	Total
	Karan	Leena	Mayank		
Abhi	6	4	5		
Barik		6	8		39
Chiku	5	7		16	
Dhir			7	20	
Elex	4		10		38
Falak	5	8			
Garima		6			33

Some additional facts are as follows:
(i) No two contestants had the same total points. The total points was greater than 30 and less than 42.
(ii) Each contestant received either 16 or 18 or 20 points from PEOPLE"S VOTING. Exactly three contestants received 18 points.
(iii) The only contestant who was INELIGIBLE to move to the next round had secured the third highest overall score among all the contestants.
(iv) Chiku QUALIFIED for the next round of the show. Mayank awarded Chiku points, which was the median of all the points that he awarded to the seven contestants.
(v) The total points of only two contestants were even numbers and the total points of Dhir were 4 more than that of Falak.
(vi) No judge gave less than 4 points to any contestant.

Q 1. What were the points received by Abhi from people's voting?

1) 16

2) 18

3) 20

4) Either (1) or (3)

Q 2. For how many contestants can the total points be determined precisely?

Q 3. A score of 10 was definitely awarded by

1) Both Karan and Mayank

2) Both Leena and Mayank

3) All the three Judges

4) Mayank

Q 4. The lowest scorer received _____ total points.

1) 31

2) 32

3) 33

4) Either (2) or (3)

Q 5. Which of the following contestants qualified for the next round of the show?

1) Abhi, Chiku, Dhir and Garima.

2) Barik, Chiku, Dhir and Falak.

3) Chiku, Dhir, Elex and Garima.

4) Barik, Chiku, Dhir and Elex.

Q 6. If the sum total of all points awarded by Karan and Leena is the same, then which of the following statements is correct?

1) Karan awarded 5 points to Dhir.

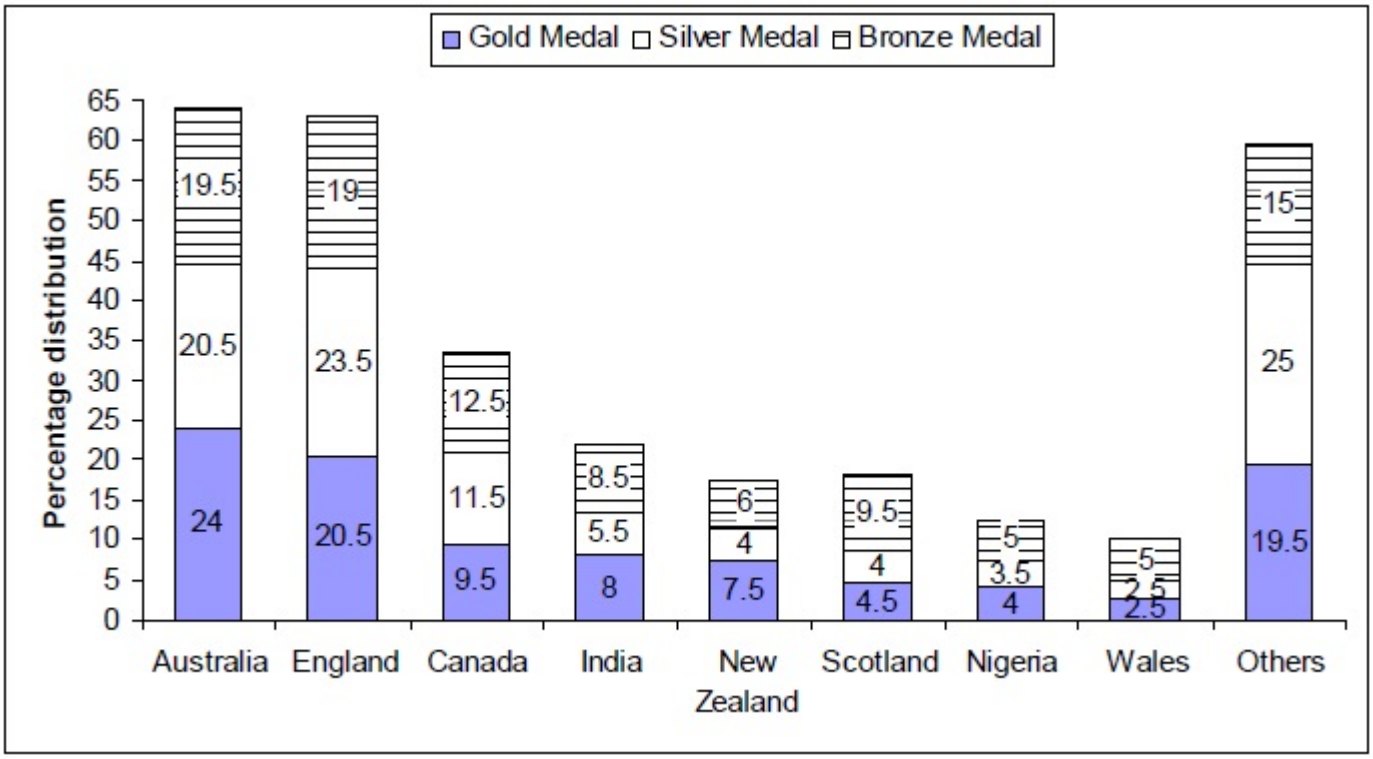
2) Leena awarded 5 points to Dhir.

3) Mayank awarded 4 points to Garima.

4) Karan awarded 5 points to Garima.

Directions for questions 7 to 10: Answer the questions on the basis of the information given below.

Many countries including Australia, England, Canada, India, New Zealand, Scotland, Nigeria, Wales and Others participated in one or more sporting events held at the 2022 Commonwealth Games. In each sporting event at least three countries participated. At the end of each sporting event, the country finishing at the first, the second and the third positions were awarded a gold, a silver and a bronze medal respectively.
The table given below shows the percentage of total number of Gold, Silver and Bronze medals that were bagged by each of the countries.



Q 7. Which of the following cannot be the sum of the number of gold and silver medals won by India?

1) 54

2) 108

3) 136

4) 162

Q 8. The ratio of the number of silver medals won by Canada to the number of bronze medals won by Scotland was _____.

1) 24 : 19

2) 6 : 5

3) 11 : 10

4) 23 : 19

Q 9. The total number of medals won by Nigeria was approximately what percent of the total number of medals won by Australia?

1) 13.5%

2) 19.5%

3) 16.5%

4) 23%

Q 10. Countries A, B and C were the only countries in the “Others” category. The ratio of the number of Gold Medals won by A, B, and C was 1 : 2 : 2. Similarly, for Silver medals it was 2 : 2 : 1 and for Bronze medals it was 2 : 1 : 2. What could be the minimum number of total medals won by country B?

Directions for questions 11 to 16: Answer the questions on the basis of the information given below.

Seven patients - Atul, Bina, Dolly, Esha, Gini, Hima and Lina - go to a pathological laboratory to take Blood Sugar Test (BST) on seven different days of the same week starting from Monday to Sunday, but not necessarily in the same order. Only one patient takes the test on each day.

More than three patients take the BST after Atul. Only one patient takes the BST between Atul and Hima. Three patients take tests between Bina and Gini, who takes the BST before Hima but not immediately before her. Three patients take the BST between Esha and Dolly, who does not take the test on the last day of the week.

Further, it is also known that:

(i) The sugar levels of these seven patients are distinct integers which are consecutive terms of an Arithmetic Progression.

(ii) The patient who takes the BST on Friday has 95 mg/dL, which is the highest reading among them whereas the lowest reading is 65 mg/dL, which is for the patient who takes the test on Tuesday.

(iii) Dolly's sugar level is the average of Esha and Gini's sugar levels as well as the average of Lina and Atul's sugar levels.

(iv) The sugar level of the patient who tested on Thursday was 15 mg/dL more than the sugar level of the patient tested on the previous day.

Q 11. On which of the following days does Lina take the BST?

1) Tuesday

2) Thursday

3) Saturday

4) Monday

Q 12. Which of the following pairs of persons not only take BST on consecutive days but also obtain readings that are consecutive terms of the A.P?

1) Atul, Lina

2) Hima, Bina

3) Gini, Esha

4) Esha, Dolly

Q 13. Which of the following statements is true regarding the person(s) taking the BST between Esha and Bina?

1) No one takes a BST between Esha and Bina.

2) Hima takes the test between Esha and Bina and has a sugar level of 90 mg/dL.

3) Two persons take the BST between Esha and Bina and have sugar levels greater than 80 mg/ dL

4) Only one person takes the BST between Esha and Bina and gets the third highest reading of sugar level.

Q 14. What is the sugar level of the patient who takes the BST immediately before Atul?

1) 80

2) 75

3) 70

4) Either (1) or (3)

Q 15. What is the average sugar level of the patients taking the sugar tests from Tuesday to Saturday (in mg/dL)?

Q 16. Which of the following groups of persons are **DEFINITELY NOT** ordered correctly based on their blood sugar levels?

1) Lina > Dolly > Esha

2) Bina > Hima > Gini

3) Hima > Esha > Atul

4) Gini > Esha > Bina

Directions for questions 17 to 20: Answer the questions on the basis of the information given below.

Ten girls - A, B, C, D, E, F, G, H, I and J - sat at a circular table to receive the answer sheets of their Mathematics test. In the test, 2 marks were awarded for a correct answer whereas 1 mark was deducted for a wrong answer. No marks were awarded for questions that were not attempted. After receiving the answer sheets each girl secretly shared the marks received with both her neighbors. After that each girl announced a number that was the average of the two numbers (i.e., marks) shared by her neighbors. The table given below shows the marks announced by each girl and also the two neighbors of each girl.

Girl	Number announced by each girl	Neighbours
A	1	B, F
B	2	A, J
C	7	D, G
D	8	C, H
E	5	G, I
F	10	A, H
G	6	C, E
H	9	D, F
I	4	E, J
J	3	B, I

Q 17. What was the sum of the marks of the ten girls in the test?

1) 56

2) 55

3) 60

4) 59

Q 18. What was the marks of C in the test?

Q 19. If there were 10 questions in the Test, what were the maximum number of mistakes committed by H?

Q 20. If there were 10 questions in the Test, what were the number of mistakes committed by D?

1) 4

2) 3

3) 2

4) 1
