Read the information given below carefully and answer the question that follows :

In an 8-week course, Professor Bala G. administered a test at the end of each week. Each of the 8 tests taken by Bala G. were scored out of 4 marks, and a student could only receive a non-negative integer score. Two students, namely, Puneet and Urvisha, took the 8 tests.
In the first test, Puneet and Urvisha scored the same marks. From the second to 8 tests, Puneet scored the exact same non-zero marks. Urvisha scored the same marks as Puneet from the 5th test onwards. Puneet's total marks in the first three tests was the same as Urvisha's total marks in the first 2 tests. Also, Urvisha's marks in the first test, total marks of the first 2 tests, and total marks of the 8 tests were found to be in a geometric progression.

1. Which of the following may be true?

A) Puneet scored 0 in the 5th test
B) Urvisha scored 4 in the 8th test
C) Urvisha scored 2 in the 1st test
D) Puneet scored 4 in the 3rd test
E) Urvisha scored 3 in the 2nd test

If Puneet scored 4 marks in the first test, how many marks did Urvisha score in the third test?

A) 0 B) 1 C) 3 D) 2 E) 4

Five friends, namely, Daljit, Mukesh, Sandeep, Ignesh and Bimal meet every morning at Ballee Restaurant for an Idli & Vada breakfast. Each consumes a different number of Idlis and Vadas. The number of Idlis consumed are 1, 4, 5, 6, and 8, while the number of Vadas consumed are 0, 1, 2, 4, and 6.

Below are some more facts about who eats what and how much:

i. The number of Vadas eaten by Ignesh is three times the number of Vadas consumed by the person who eats 4 Idlis.

ii. Three persons, including the one who eats four Vadas eat without Chutney.

iii. Sandeep does not take any Chutney.

iv. The one who eats one Idli a day does not eat any Vadas or Chutney. Further, he is not Mukesh.

v. Daljit eats Idli with Chutney and also eats Vada.

vi. Mukesh, who does not take Chutney, eats half as many Vadas as the person who eats twice as many Idlis as he does.

vii. Bimal eats two more Idlis than Ignesh, but Ignesh eats two more Vadas than Bimal.

2. Which one of the following statements is most definitely true?

A) Daljit eats 5 Idlis B) Bimal eats 6 Idlis
C) Bimal eats 1 Idli D) Sandeep eats 2 Idlis
E) Ignesh eats 8 Idlis

3. Which one of the following statements is most likely true?

A) Sandeep eats 2 Vadas B) Ignesh eats 6 Vadas
C) Bimal eats 2 Vadas D) Mukesh eats 4 Vadas
E) Bimal eats Chutney

4. Which of the following statements is most likely to be false?

A) Daljit does not eat 2 Vadas
B) Bimal eats more than 4 Idlis
C) Sandeep has 1 Vada
D) Daljit eats Chutney
E) Bimal does not eat Chutney

5. Which of the following statements is most likely to be true?

A) The person who eats 5 Idlis and 1 Vada does not take Chutney
B) Bimal eats equal numbers of Idlis and Vadas
C) Mukesh eats 8 Idlis and 4 Vadas but no Chutney
D) The person who eats equal number of Vadas and Idlis also takes Chutney
E) The person who eats 4 Idlis and 2 Vadas also takes Chutney

Name	Idlis	Vadas	Chutney
Sandeep	1	0	No
Mukesh	4	2	No
Daljit	5	1	Yes
Ignesh	6	6	Yes
Bimal	8	4	No

Correct Answer: A) Daljit eats 5 Idlis
Use all the given clues to match each person's Idlis and Vadas.
Clue (vii) shows Bimal = Ignesh + 2 Idlis, and Ignesh = Bimal + 2 Vadas.
Clue (v) confirms Daljit eats Vadas + Chutney.
Clue (iii) and (iv) eliminate Sandeep and the 1-Idli person from Chutney.
Clue (vi) links Mukesh's Vadas to the person eating twice his Idlis.
After eliminating and matching, Daljit definitively fits with 5 Idlis.

Correct Answer: B) Ignesh eats 6 Vadas
Using all the provided conditions:

- From (vii), Bimal has fewer Idlis and fewer Vadas than Ignesh.
- From (i), Ignesh's Vadas = 3 × Vadas of the person eating 4 Idlis.
- From (vi), Mukesh has half the Vadas of someone eating twice his Idlis.

Combining all, the most consistent configuration points to Ignesh having the highest Vada count → 6 Vadas.

Correct Answer: Sandeep has 1 Vada
Given the clues, when solving the relationships carefully, you find that Sandeep is not the one with 1 Vada. This makes option C the false statement.

Correct Answer: The person who eats equal number of Vadas and Idlis also takes Chutney
Carefully aligning the clues, only the person matching equal Idli-Vada counts is known to take Chutney. This makes option D the correct and true statement.

6. Six men A, B, C, D, E, F are married to R, S, T, U, V, W.
Facts: R and S are A's sisters.
R and T are not C's wife.
W is wife of E.
V is wife of B.
D is not married to R, S, or T.
Who is A's wife?
a) U b) S c) R d) V e) T

7. A, B, C and D are four medical representatives of a company. Each of them must visit exactly two of the eight cities- Delhi, Chennai , Kolkata, Hyderabad, Bangalore, Mumbai, Lucknow and Patna - and each city is visited by only one person. C does not visit Mumbai and Delhi, While D does not visit Kolkata and Hyderabad. B does not visit Lucknow and Patna. Whereas A does not visit Bangalore and Chennai. Patna and Bangalore are visited neither by B nor by C. If Delhi and Lucknow were visited by A, then which one of the following cities could B visit?
a) Bangalore b) Kolkata c) Hyderabad d) Mumbai e) Delhi

8. Three boxes: Green, Blue, Red. Each contains toys of 2 colors (not same as box color). Each box has at least 1 chocolate, and total chocolates = 10. Green box has max, Red box has least.
Which is definitely true?
a) Box with Red & Blue toys has 8 chocolates
b) Green, Blue, Red have 5, 4, 1 chocolates respectively
c) Red box has at most 2 chocolates
d) Box with Blue & Green toys has 3 chocolates
e) Box with Green & Red toys has 2 chocolates

9. A, B, C are three girls who go to buy six items – namely, P, Q, R, S, T and U. Each one of them buys two different items in such a way that:
- If A buys R, then B buys neither P nor S.
- If B buys Q, then C buys neither U nor T.

Determine that if A buys R and T, then B buys:
a) P & S b) Q & S c) R & T d) Q & T e) U & Q

10. P, Q, R, S, T, U, V, W are sitting around round table in same order, for group discussion at equal distances. Their position are clockwise. If V sites in North, then what will be position of S?
A. East B. South-East C. South D. South-West E. North

Eight students A, B, C, D, E, F, G and H are planning to enjoy racing. There are only two cars and following are the conditions:

1. A one car can accommodate maximum five and minimum four students.
2. B will sit in the same car in which D is sitting
3. C can't sit in the same car in which D is sitting .
4. F will sit in the car of four people only along with A and E but certainly not with G.

11. If H and G are sitting in the same car, who are the other 2 students sitting in the same car?
A. B and C B. C and D C. B and D D. E and B E. F and A

12. If E and A are sitting in the same car, which of the following statements are true?
A. 5 student in same car B. B is sitting in same car C.F is not in same car D. G is not in same car E. H is in same car

Sumeet, Philips, Wasim, Bishan and Chetan are five players of the College Cricket Team and their hometowns are Surat, Pune, Warangal, Bangalore and Chandigarh but not in that order. The five specialist slots of spinner, pace bowler, wicket keeper, batsman and captain are held by them, again not in the order of their names stated above.

(i) Their names, hometowns and specialities do not start with the same letter.
(ii) Neither Philips nor Wasim is the captain and they do not belong to either Surat or Bangalore.
(iii) Sumeet is neither a wicket keeper nor a batsman.
(iv) Pune is not Bishan's hometown.
(v) The player who hails from Bangalore is a wicket keeper.
(vi) The captain's hometown is Pune while the batsman does not hail from Warangal.

13. Who is the spinner?
A-Philips B-Chetan C-Bishan D-Wasim E-Sumeet

14. The Spinner's home town is?
A-Chandigarh B-Pune C-Warangal D-Surat E-Bangalore

15. Chandigarh is the hometown of?
A-Sumeet B-Wasim C-Philips D-Bishan E-Chetan

16. Who is the pace-bowler?
A-Chetan B-Wasim C-Sumeet D-Bishan E-Philips

Seven specialist doctors, P, Q, R, S, T, U and V, visit a polyclinic on any one of the four days in a week, i.e. on Tuesday, Wednesday, Friday or Saturday.
At least one doctor but not more than two doctors visit the polyclinic on each of these days. Each of them is a specialist in different fields - ENT, Orthopaedics, Paediatrics, Neurology, ophthalmology, Radiology and Oncology.
S visits on Friday with Radiologist, Pediatrician does not visit on Saturday nor with T and V.
Oncologist U visits alone on Tuesday. Q visits on Wednesday and he is not Pediatrician. R Visits on Wednesday. V is not a Radiologist. Pediatrician visits with an ENT specialist. Neurologist visits on Friday. P is neither orthopedics nor Radiologist.

17. What is the profession of S?
A-Oncologist B-Neurologist C-Radiologist
D-Ophthalmologist E-ENT

18. Orthopaedic and Ophthalmology visit on?
A-Tuesday B-Wednesday C-Friday D-Saturday E-Tuesday and Saturday

19. Speciality of P is?
A-ENT B-Opthalmologist C-Neurologist D-Paediatrics E-Radiologist

20. T visits on?
A-Wednesday B-Tuesday C-Friday D-Saturday E-Tuesday or Saturday

Six boys, A, B, C, D, E and F. are marching in a line. They are arranged according to their height. The tallest are at the back and shortest in front.

- F is between B and A
- E is shorter than D but taller than C, who is taller than A.
- E and F have two boys between them.
- A is not the shortest among them all.

21. Where is E ?
1) Between A and B
2) Between A and C
3) Between D and C
4) Between F and C
5) Between F and B

22. Who is the tallest?
1) A
2) B
3) C
4) D
5) E

23. If we start counting from the shortest, which boy is forth one in the line?
1) A
2) B
3) C
4) D
5) E

24. Who is the shortest?
1) A
2) B
3) C
4) D
5) E

In a classroom there are two rows of chairs there are six seats in each row of five people. In row -1 Ramesh, Sunil Rajesh, Rohit and Sandeep are facing South. In row 2 Suresh, Aman, yash, omkar and Raj are facing north but not necessarily in the same order

Ramesh is sitting second to the right of Rajesh while Sunil is sitting at corner. One of the two vacant seats is in one of the corners. Rohit is sitting immediately right to Sandeep. Ramesh and omkar are related in the same manner as Aman and Rohit are related. Sunil is sitting in front of Raj. Suresh is not sitting with Aman. The person who is sitting in front of Aman, is immediately left to the Sunil. Sandeep is sitting diagonally opposite to Raj.

25. Who is sitting next to suresh?
1) Aman
2) Yash
3) Both yash and aman
4) Raj
5) Sunil

26. Who among the following is sitting immediately next to one of the vacant seat?
1) Ramesh
2) Omkar
3) Rajesh
4) All Ramesh, Omkar and Rajesh
5) Sandip

27. Select the pair which sits in front of vacant seats
1) Yash- Rajesh
2) Suresh- sandeep
3) Sandip – yash
4) Raj – sandeep
5) Yash – rohit

28. Who sits immediately next to Rajesh?
1) Yash
2) Ramesh
3) Rohit
4) Sandip
5) Suresh

29. Which of the following pair sit opposite to each other
1) Ramesh- Aman
2) Sunil – yash
3) Sunil – yash, sandip- Raj
4) Sandip- Raj
5) Rohit- suresh, sunil- omkar

Seven boxes are placed one above other, but not necessarily in the same order. Each of them is containing different food items.
Box F does not contain biscuits. Box L is not placed above box G. The box which contains chocolate is placed immediately below box F. There are two boxes placed between box G and the box which contains chocolates. Box G is not placed above the box which contains chocolate. The box which contains burger is placed below box G. Three boxes are placed between box M and the box which contain burgers. The box which contains laddus is placed immediately below box M. The box which contains samosas is placed immediately below box H. only one box is placed between box L and box P. Neither box L nor box F contains momos. Box P does not contain samosa. Box H contains neither momos nor dry fruits. The box which contains biscuits is not placed at the top. Box I does not contain biscuit .

30. Which of the following box is placed just below the box which contains dry fruits?
1) P
2) H
3) G
4) L
5) I

31. How many boxes are placed between H and I?
1) 2
2) 3
3) 4
4) 1
5) 5

32. Which of the following box contains laddus?
1) H
2) G
3) L
4) P
5) I

33. Which of the following box is placed just below the box which contains momos?
1) The box which contains burger
2) M
3) The box which contains biscuits
4) G
5) I

34. Which the following box contains burger?
1) M
2) I
3) G
4) H
5) F

Extra Set

A, B, C, D, E, F and G are seven persons wearing shirts of different colors-white, red, black, green, yellow, blue and violet-and trousers of different colors-blue, red, white, black, cream, yellow and indigo. The persons, color of the shirt and color of the trousers above are not necessarily in the same order. No person is wearing shirt and trousers of same color.

B is wearing red shirt and is not wearing cream or yellow trousers. D is wearing green shirt and indigo trousers. The color of A's shirt and F's trousers is same. The color of E's shirt and C's trousers is same. G is wearing blue shirt and E is wearing blue trousers. F is not wearing any yellow dress. A is not wearing a white shirt. Red and blue is not the combination of shirt and trousers of any of the persons.

35. What is the colour of G's trousers?
A-White B-Cream C-Green D-Indigo E-Red

36. Who wears a Violet colored Shirt?
A-C B-F C-C or F D-G E-C or G

37. What is the color of B's Trouser?
A-Black B-White C-Indigo D-Blue E-Yellow

	T – shirt	trouser
A	Black	Red
B	Red	White
C	Violet/White	Yellow
D	Green	Indigo
E	Yellow	Blue
F	White/Violet	Black
G	Blue	Cream

B. G wear cream colour trouser
C. Either C or F wears violet t shirt
B. B wear white trouser