Study the following information and answer the questions that follow:
(i) Six picture cards P, Q, R, S, T and U are framed in six different colours - blue, red, green, grey, yellow and brown and are arranged from left to right (not necessarily in the same order).
(ii) The pictures are of king, princess, queen, palace, joker and prince.
(iii) The picture of the palace is in the blue colour frame but is not on card S and card P which is of the queen, is in the brown frame and is placed at the extreme right.
(iv) The picture of the princess is neither on card S nor on card T and is not in either the green or the yellow frame. Card R has a picture of the king in a grey frame and it is fifth from the right and next to card Q having the picture of the prince.

1.   If the princess's card is immediately between the cards of the palace and the prince then at which number is the joker's card placed from the left?
(a) Fifth
(c) First
(b) Second
(d) Data inadequate
(e)Third

2.   Which is the correct combination of card and frame colours?
(a) T-Yellow
(c) Q-Green
(b) U-Red
(d) Data inadequate
(e) None of the above

3.   The picture of the joker is in which colour frame?
(a) Yellow
(c) Blue
(b) Green
(d) Data inadequate
(e) None of the above

4.   The picture of the palace is printed on which card?
(a) S
(c) U
(b) T
(d) None of these
(e) Data inadequate

5.   If the photo frame of the prince and joker is interchanged, then the colour of frame of the prince
(a) Green
(c) Blue

(b)Yellow
(d) Data inadequate
(e)None of the above

Study the following information and answer the questions that follow:
 (i) Six students A, B, C, D, E and F participated in a self-evaluation test of Quants and Data Interpretation (D.I.).
(ii) The total marks of A in Quants was just above C and in D.I., just above F.
(iii) B was just above C in D.I. but he scored less than D in Quants.
(iv) F got more marks than D and E in D.I. but did not perform as well in Quants as in D.I. as compared to D and E.
(v) No one is in between C and D in Quant and C and A in D.I.

6.   Who got the highest marks in D.I.?
(a) A
(b) B
(c) C
(d) Data inadequate
(e) None of these

7.   Which of the following students has scored the least in D.I.?
(a) Only D
(b) Only E
(c) Only D or E
(d) None of these
(e) Data inadequate

8.   Who was just below D in Quants?
(a) B
(b) E
(c) C
(d) Data inadequate
(e) None of these

9.   Which of the given statements is not necessary to answer the questions?
(a) (ii)
(b) (iii)
(c) (iv)
(d) All are necessary
(e) None of these

10.   Who was just below C in Quants?
(a) D
(b) E
(c) C
(d) Data inadequate

(e) None of these

Read the information given in the passage and answer the questions.

Anupam, Priya, Saili, Rohan, Manish, Geetika and Yuvika are sitting around a circle facing the centre. Anupam is third to the left of Yuvika and to the immediate right of Rohan. Priya is second to the left of Geetika who is not an immediate neighbour of Manish.

11. Which of the following pairs of persons has the first person sitting to the immediate right of the the second person?
A Yuvika – Manish
B Yuvika – Anupam
C Rohan – Manish
D Priya – Manish
E Rohan-Geetika

12. Who is second to the right of Rohan?
A Saili
B Manish
C Anupam
D Priya
E Yuvika

13. Who is to the immediate left of Priya?
A Yuvika
B Saili
C Manish
D Rohan
E Anupam

Study the following information carefully and answer the questions that follow.

Aman, Bindu, Chirag, Durga, Ema, Farha, Govind and Harini are sitting around a circle, facing the centre.
Aman sits fourth to the right of Harini while second to the left of Farha. Chirag is not the neighbour of Farha and Bindu. Durga sits third to the right of Chirag. Harini never sits next to Govind.
Four of the following pairs are alike in a certain way based on their positions in the seating arrangement and so form a group.

14. Which is the one that does not belong to that group?
A Bindu and Durga
B Harini and Farha
C Durga and Chirag
D Govind and Ema
E Anu and Chintu

15. Who amongst the following sits between Govind and Durga?
A Chirag
B Farha
C Ema
D Harini
E Aman

16. Which of the following pairs sit between Ema and Farha?
A Chirag and Govind
B Aman and Chirag
C Bindu and Harini
D Bindu and Durga
E Aman and Durga

DIRECTIONS for the questions: Study the following information carefully and answer the questions given below it.

P, Q, R, S, T, V and W are seven friends. Each of them likes a particular fruit, viz. Apple, Banana, Pear, Guava, Orange, Mango and Watermelon and each of them has a favourite city, viz. Mumbai, Pune, Delhi, Kolkata, Chennai, Hyderabad and Cochin.

The choices of fruit and favourite city of the seven friends are not necessarily in the same order. Q likes Mango and his favourite city is Chennai. The one whose favourite city is Pune likes Watermelon. T's Favourite city is Kolkata. R likes Guava and his favourite city is not Mumbai. W's favourite city is Cochin and he does not like either Banana or Pear. The favourite city of the one who likes Orange is Hyderabad. T does not like Pear. P's favourite city is neither Pune nor Hyderabad. S does not like watermelon.

17. Which fruit does P like?

A]ORANGE
B]PEAR
C]APPLE
D]WATERMELON
E]MANGO

1. QUESTION

18.   Which is R's favourite city?

A]PUNE
B]HYDRABAD
C]MUMBAI
D]DELHI
E]CHENNAI

2.   QUESTION

19.   Which of the following combinations of
Person-Fruit-City is incorrect?

A]V-WATERMELON-HYDRABAD
B]T-BANANA-COCHIN
C]R-GUAVA-KOLKATA
D]S-GUAVA-DELHI
E]ALL ARE INCORRECT

20.   Who likes Apple?

A]T
B]V
C]W
D]P
E]Q

21.   Who amongst the following is the Professor?

A]L
B]M
C]F
D]K
E]J

CET king

SOLUTION

1-5

Solution:-

For this question, start by using the direct clues first. We know that there are six cards P, Q, R, S, T, U; six co- lours- blue, red, green, grey, yellow and brown and, six pictures-King, Princess, Queen, Palace, Joker and Prince. The following set of deductions gives us the entire solution of the problem.

The second part of the third statement is the most directly usable → P-Brown-Queen-Extreme right. We also know that R-King-Grey-Fifth from Right (ivth statement). Also Q being next to R, the following arrangements are possible.

Possibility Table 1:

Q	R	----	---	---	P
	KING GREY				QUEEN BROWN

possibility Table 2:

----	R	Q	---	---	P
	KING GREY				QUEEN BROWN

From this point we start using the indirect clues.

From statement (iii), Palace-Blue-Not S→ Hence T or U Further, from statement (iv), Princess Not S and not T, Not Green or Yellow → Hence, Red and U. This further gives us Palace-T-Blue.

Hence, S must be the joker (only pair left). Also, green and yellow must be shared between Q and S.

Thus, the following pairings emerge:

P-Brown-Queen

Q-Green/Yellow - Prince

R-Grey-King

S-Yellow/Green-Joker

T-Blue-Palace

U-Red-Princess

At this point we have used all the statements. Hence, go straight into the questions.

1. For the Princess card (U) to be placed immediately in between the Palace (T) and the Prince (Q), Possibility Table 2 must emerge to be the correct one. In such a case, the arrangement of cards becomes: SRQUTP.

1. Hence, the Joker's cards must be at the extreme left. Option (c) is correct. The remaining 4 questions can be directly answered from what is available.
2. U-Red is correct. Option (b) is correct.
3. Data inadequate since we don't know whether the Joker is Yellow or Green. Option (d) is correct.

4. The Palace is on Card T. Option (b) is correct.
5. Data remains inadequate since we do not know which colour is for which card. Option (d) is correct.

6 – 10 Solution :-

From the second statement, We have :-

QUANTS	D.I.
A	A
C	F

From statement 3 we have B just above C in DI and B somewhere below D in Quants. At this point, our figure remains the same as we cannot put this information into the figure.

QUANTS	D.I.
A	A
C	F

From statement 4 we have

QUANTS	DI
A	A
C	F
D,E ABOVE F	D,E BELOW F

From statement 5 we have

QUANTS	DI
A	B
C	C
D	A
	F
	D,E BELOW F

THIS LEADS TO THE FINAL TABLE

| QUANTS	DI
A	B
C	C
D	A
	F
ALSO B IS LESS THAN D	D AND E ARE BELOW F
F IS BELOW D AND E	HENCE B MUST BE FIRST
NOTE E COULD NOT BE PLACED AS NO INFORMATION REGARDING E IS PROVIDED	

6. b
7. c
8. d
9. d
10. a
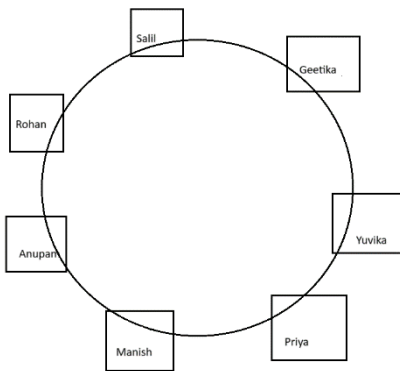
11. D (Priya – Manish)
12. B (Manish)
13. C (Manish)
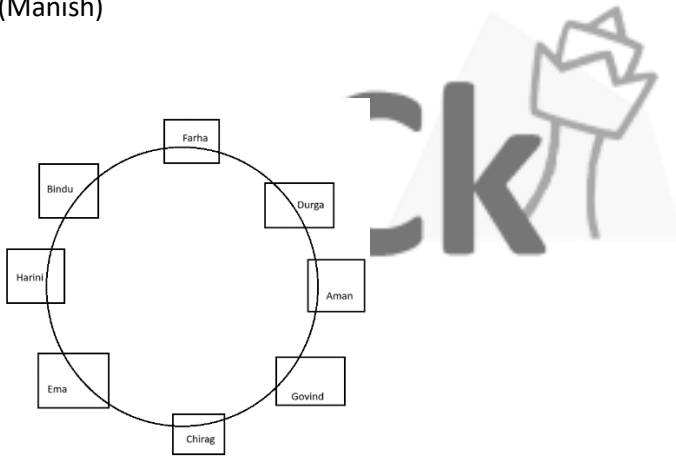
14. C (Durga & Chirag)
15. E (Aman)
16. C (Bindu & Harini)
17. C (Towards East)

Person	Favourite Fruit	Favourite City
P	Pear	Mumbai
Q	Mango	Chennai
R	Guava	Delhi
S	Orange	Hyderabad
T	Banana	Kolkata
V	Watermelon	Pune
W	Apple	Cochin

18. [B] PEAR
19. [D] DELHI
20. [E] ALL ARE INCORRECT
21. [C] W