Directions (1-5): Read the following information and answer the questions.

Eight players E, F, H, M, D, J, S, & V play for three different IPL teams KIP, DD and RR. They took different number of wickets for their teams. At least two and not more than three players play for the same team. F plays for DD and took fourteen wickets. One of the players from DD took five more wickets than H. No one from RR took thirteen wickets. The number of wickets taken by one of the player from KIP is square of the number of wickets taken by S. D took more wickets than H but lesser wickets than F. The only other person in same team with F took Seventeen wickets. H does not play for KIP. The number of wickets taken by four of the given eight players is a multiple of five. J took ten wickets. V plays for the same team with D. E and S both play for RR. The number of wickets taken by E is equal to the sum of the wickets taken by S and V. There is no one who took nine wickets. There is no such player who took more than fifty wickets.

Q1. How many wickets were taken by S?
(a) Thirty
(b) Five
(c) Twenty-five
(d) Cannot be determined
(e) None of these

Q2. Who among the following took seventeen wickets?
(a) M
(b) S
(c) V
(d) Either M or S
(e) No one

Q3. Which team has a player who took more than 25 wickets?
(a) KIP
(b) RR
(c) DD
(d) RR or KIP
(e) Cannot be determined

Q4. Which of the following group of persons play for RR?
(a) M,E,S
(b) E,S,J
(c) E,H,D
(d) E,H,S
(e) None of these

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Q5. Which of the following combinations of team, person & wicket is correct?

(a) RR – E – Twenty-five

(b) DD – F – Seventeen

(c) KIP – V – Fourteen

(d) KIP – S – Five

(e) None of these

Directions (6-10): Study the information and answer the following questions:

In a certain code language

"you had leave India " is coded as " 2%L 19%Z 15%V 18%M "

"one hand press your " is coded as " 12%M 19*Z 11%I 2*L"

"should come for event " is coded as " 8*S 24*L 21%L 22%E "

Q6. What is the code for 'finance' in the given code language?

(a) 21%R

(b) 2%R

(c) 21*R

(d) 22%R

(e)None of these

Q7. What is the code for 'Sacred' in the given code language?

(a) 8*Z

(b) 8%Z

(c) 9*Z

(d) 2%L

(e)None of these

Q8. What is the code for 'NEITHERLAND' in the given code language?

(a) 13*V

(b) 13%V

(c) 1%V

(d) 18%V

(e) None of these

Q9. What is the code for 'INSTANT' in the given code language?

(a) 18*N

(b) 13%V

(c) 1%V

(d) 18%N

(e) None of these
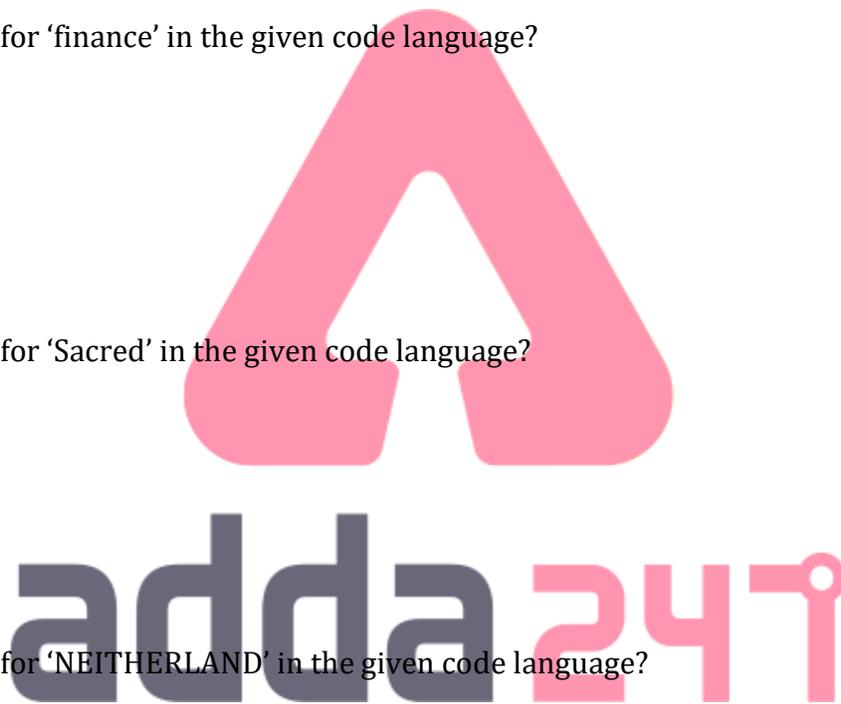
Q10. What is the code for 'Arrogant' in the given code language?
(a) 26%J
(b) 2%I
(c) 26%I
(d) 26%K
(e) None of these

Directions (11-12): Study the following information and answer the questions given below:

7 people i.e. A, B, C, D, E, F and G celebrate their birthday on different days of the same week starting from Monday but not necessarily in the same way. Two people celebrate their birthday between C and A. C celebrate his birthday before A. E celebrate his birthday immediately before B. F celebrate his birthday on Wednesday. G celebrate his birthday on Sunday.

Q11. A celebrate his birthday on which of the following day?
(a) Tuesday
(b) Friday
(c) Thursday
(d) Monday
(e) None of these

**Q12.** How many people celebrate his birthday in between D and E?
(a) Two
(b) Three
(c) Four
(d) One
(e) None of these

Q13. How many such pairs of letters are there in the word EXAMINATION, each of which has as many letters between them in the word, as they have in the English alphabet?
(a) None
(b) One
(c) Two
(d) Three
(e) More than three

Q14. If it is possible to make only one meaningful word with the first, third, fifth and eight letters of the word **SHAREHOLD**, which of the following will be the second letter of the word? If no such word can be made, give 'X' as the answer and if more than one such word can be made, give 'Y' as the answer.
(a) L
(b) E
(c) S
(d) X
(e) Y
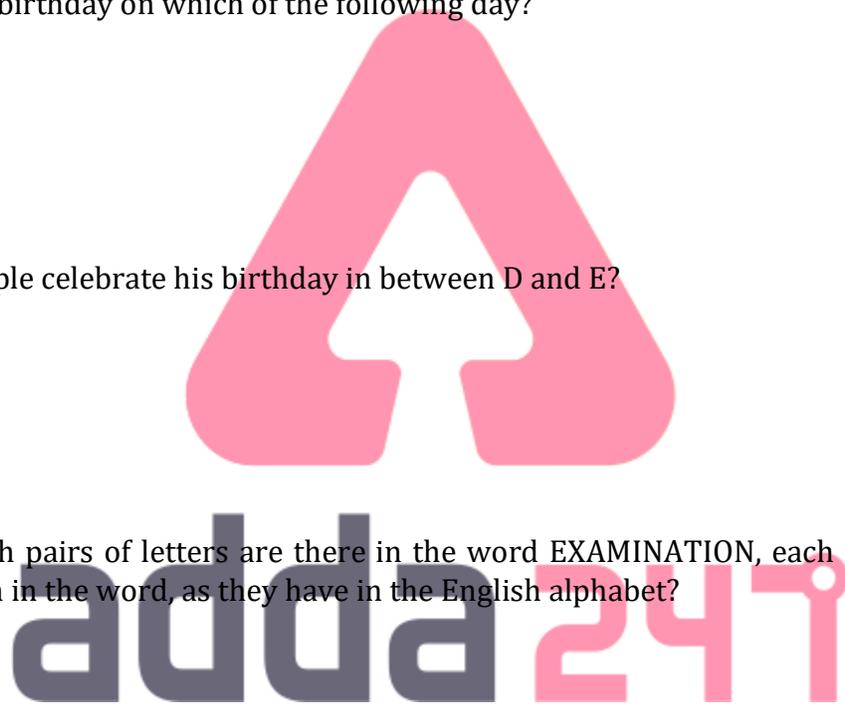
Q15. What will come in place of question-mark (?) in the following series?

PQ AB ST DE ?

(a) TV

(b) VW

(c) OU

(d) TU

(e) WX

Directions (16-20): Study the information and answer the given questions:

Six boxes are placed in a room in a horizontal arrangement. All boxes are of different weight and contain different items.

Box F is lighter than only two boxes and does not contain laptop. Box D which contain toys is heavier than E but lighter than A. The box which contain books is heavier than the box which contain fruits. E is not the lightest Box. The box which contain clothes is lighter than the box which contain laptop. Box A neither contain fruits nor laptop. Box B is lighter than the box which contain fruits but heavier than the box which contain flower. Box C is not the heaviest box. Box B is lighter than D but heavier than C. The box which contain fruits is lighter than the box which contain toys. Box E neither contain flower nor laptop.

Q16. How many boxes are heavier than B?

(a) one

(b) more than three

(c) three

(d) two

(e)None

Q17. Box C contain which of the following Item?

(a) Clothes

(b) Flower

(c) Fruits

(d) Books

(e)None of these

Q18. Which of the following box is heavier than E but lighter than D?

(a) B

(b) C

(c) A

(d) F

(e)Both (a) and (d)

Q19. Which of the following box contain clothes?

(a) B

(b) E

(c) A

(d) C

(e)None of these

Q20. Which of the following statement is true about F?

(a) B is heavier than F

(b) A is lighter than F

(c) F is heavier than only two boxes

(d) F contain fruits

(e)None is true

Directions (21-25): In each of the following below is given a group of letters followed by four combinations of digits/symbols numbered (a), (b), (c) and (d). You have to find out which of the combinations correctly represents the group of letters based on the following coding system and mark the number of that combination as the answer. If none of the four combinations correctly represents the group of letters, mark (e), i.e. 'None of these', as the answer-

Note: More than one condition may apply.

Letter	R	G	F	A	P	Q	U	M	E	I	B	J	S	O	L
Digit/ Symbol	#	2	7	µ	%	3	&	9	1	@	5	©	6	8	$

Conditions:

(i) If first letter is vowel and last letter is consonant then both are coded with the code of the consonant.

(ii) If both the 2nd and the last letter is vowel, then their codes are to be interchanged.

(iii) If the second letter is a consonant and the 2nd last letter is a vowel, both are to be coded as the code for the vowel.

(iv) If both 1st and fifth letter is consonant then both are coded as the code of third letter.

(v) If only one condition is applied among the above given, then the code of first letter is interchanged with code of second letter and third letter code interchanged with 4th letter and so on after that applied condition.

Q21. URBSAQ

(a) 3#65#3

(b) 3µ56µ3

(c) &56$33

(d) &µ65µ&

(e) None of these

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Q22. LIFPRE
(a) 7177%@
(b) 771%7@
(c) 717%@7
(d) 717%7@
(e) None of these

Q23. EUMRJA
(a) μ1#9&©
(b) 1μ9#©&
(c) 9#1μ©&
(d) #9μ1&©
(e) None of these

Q24. MJGLBF
(a) %3%6%7
(b) 36%%7@
(c) 3#6%7@
(d) 3%6%7#
(e) None of these

Q25. LRQBJS
(a) %53328
(b) #33536
(c) #35363
(d) @3567@
(e) None of these

Directions (26-30): Study the following information carefully to answer the given questions:

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement.
INPUT—4528 6720 5329 4819 8104 1469
STEP I-- 5482 7602 3592 8491 1840 4196
STEP II- 1840 3592 4196 5482 7602 8491
STEP III- 84 59 19 48 60 49
STEP IV- 12 14 10 12 6 13
STEP V- 6 7 5 6 3 6.5
Step V is the last step of the rearrangement. As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.
Input: 2193 8763 7132 5248 3295 6952

Q26. What will the addition of the numbers which is third, fifth and sixth from the left end in step IV?
(a) 24
(b) 23
(c) 27
(d) 20
(e) None of these

Q27. Which of the following would be the difference of the numbers which is 2nd from left end in step I and fourth from right end in Step II?
(a) 6113
(b) 4231
(c) 5477
(d) 5470
(e) None of these

Q28. Which of the following element will be 3rd to the left of 5th from the left end in step III?
(a) 35
(b) 72
(c) 23
(d) 58
(e) None of these

Q29. What will be the multiplication of the numbers which is third from left end of Step V and the number which is first from right end of Step IV?
(a) 56
(b) 32
(c) 36
(d) 48
(e) None of these

Q30. Which of the following element will be 2nd to the right of 3th from the left end in step II?
(a) 7836
(b) 4367
(c) 2359
(d) 9625
(e) None of these

Directions (31-32): Study the following information carefully and answer the given questions.
In certain coding language, the directions are coded as per below conditions.
A@B means – A is North of B
A%B means – A is South of B
A#B means – A is East of B
A$B means – A is West of B
@ and $ means the distance between the two points is either 4m or 8m.
% and # means the distance between the two points is either 3m or 7m.
AB > CD Means the distance between point A and B is greater than that of between point C and D.
Example: A @ B means A is north of B and the distance between A and B is either 4m or 8m and so on.
Condition:
M#B, U%B, R@V, D#V, R$U, D@W, P#W, MB > WP, VD > RU

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Q31. In which direction point P is with respect to point M?
(a) North
(b) West
(c) South
(d) North-East
(e) South-West

Q32. What may be the maximum possible distance between point R and point P?
(a) 15m
(b) 26m
(c) 24m
(d) 23m
(e) 25m

Direction (33-35): In the following questions, the symbols #, @, * , $ and © are used with the following meanings as illustrated below. Study the following information and answer the given questions:
A@B- A is the child of B.
A©B- A is the parent of B
A$B- A is brother of B
A*B- A is wife of B
A#B- A is sister of B

**Q33.** If D@V©W, B#A, P$U*D, A*V are true then, how U is related to A?
(a) Son
(b) Daughter
(c) Daughter in law
(d) Father in law
(e) Can't be determined

Q34. If A@N©M*O$J#T is true then, how M is related to T?
(a) Sister
(b) Brother
(c) Brother in law
(d) Sister in law
(e) Can't be determined

Q35. If K*H$G@S, J©B#X, J*S is true and J has only one daughter then, how X is related to S?
(a) Son
(b) Daughter
(c) Son in law
(d) Father in law
(e) Can't be determined
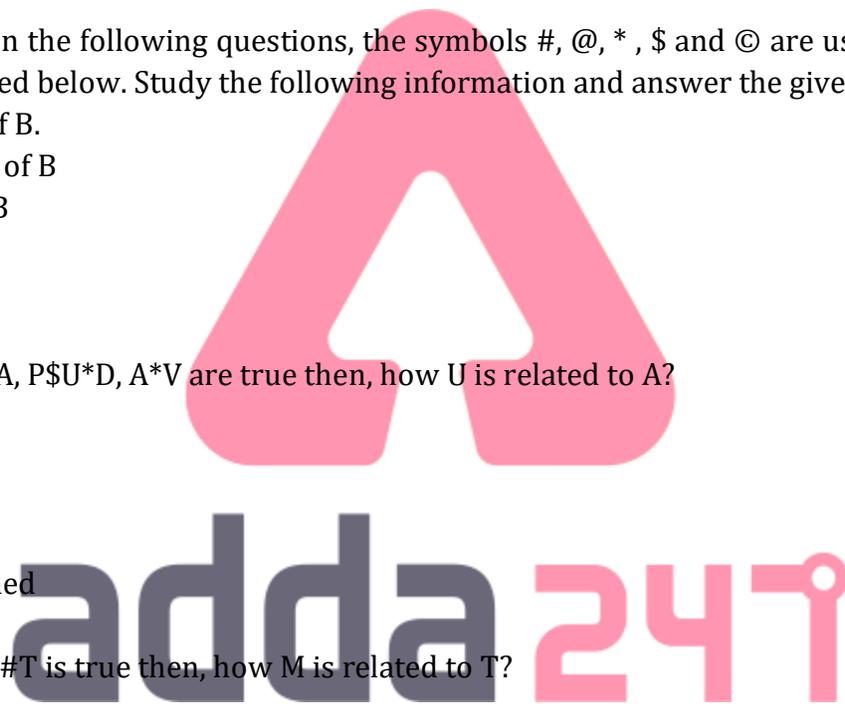
Directions (36-40): Read the following information and answer the questions given below.

A, B, C, D, I, J and K are seven persons standing in a row (not necessarily in the same order) facing north. Each of them was born on different days of the same week starting from Monday.

The number of persons standing between C and K is same as the number of persons standing between C and B. D who is older than only two persons is standing third from one of the extreme ends. The number of persons who were born between D and I is one less than the number of persons standing between them. B was born on Thursday. A and D are immediate neighbors. The youngest and the oldest persons are the immediate neighbour of each other. K who is the youngest is standing at extreme left end. C and J are immediate neighbour of each other. The number of persons younger than C is the same as the number of persons older than J. I is not standing to the left of C. The persons who were born on Tuesday and Wednesday are not immediate neighbours.

Q36. How many persons standing to the right of J are older than him?
(a) One
(b) Two
(c) Three
(d) None
(e) None of these

Q37. Who among the following is the oldest person?
(a) A
(b) B
(c) C
(d) D
(e) None of these

Q38. Who is standing at the extreme right end?
(a) J
(b) K
(c) B
(d) I
(e) None of these

Q39. Who is sitting fourth to the right of D?
(a) A
(b) I
(c) J
(d) C
(e) None of these

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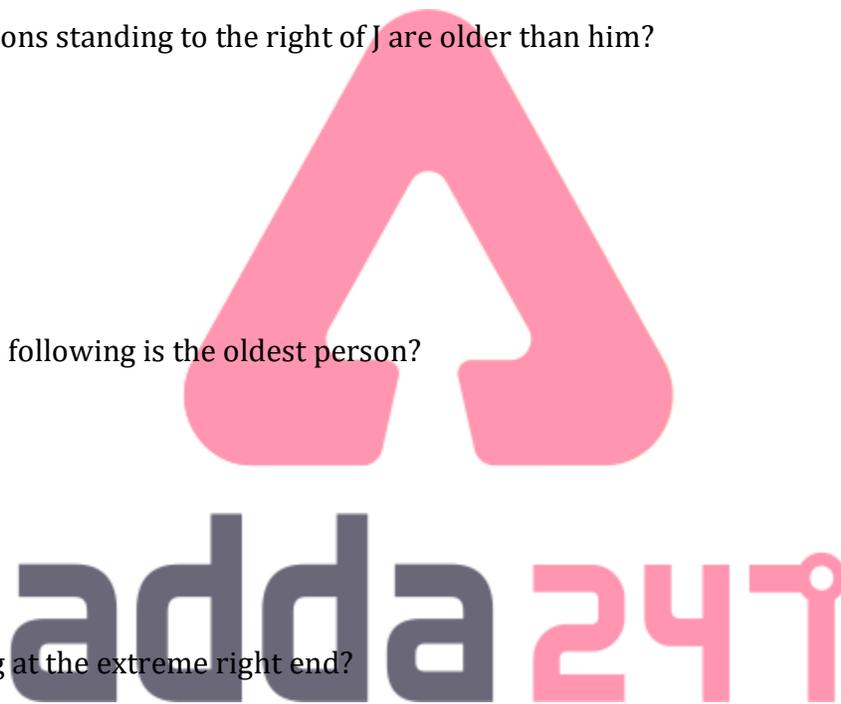
Q40. What is the position of J?
(a) Immediate to the right of I.
(b) Third to the left of K
(c) Immediate to the left of C
(d) 5th to the right of B
(e) None of these

Q41. Statement-The United States is looking forward to strengthen ties with India, the Trump Administration has said, ahead of the meeting between Prime Minister Narendra Modi and President Donald Trump.
(I) The meeting between Prime Minister Narendra Modi and US President Donald Trump would set the tone and the framework for the bilateral relationship going forward.
(II) The two leaders will have a chance to get to know each other and to find some common ground on the way they look at the world and a common strategic view that would set the framework on how the two governments pursue the relationship going forward.
(III) There will be no major breakthrough announcements from this meeting. No one is expecting that the meeting would be productive for both the countries.
Which of the following can be assumed from the given statement?
(a) Only I and II
(b) Only I and III
(c) Only II and III
(d) Only I
(e) None of these

Q42. Statement- Union Urban Development Minister Venkaiah Naidu said seeking loan waiver has become a fashion". But waiving off loans of farmers is not the final solution and should be considered in extreme situations.
(I) We should create adequate infrastructure and facilities like godowns, cold storage, refrigerator vans, for farmers.
(II) Farmers need to get good remunerative price for their produce and care should also be taken of those in distress.
(III) We will have to ensure that affordable credit is available to these farmers.
Which of the following course of action should be followed to resolve the issue of farmers who are seeking waiving off loans?
(a) Only II and I
(b) Only I and III
(c) All of the above
(d) All except I
(e) None of these

Q43. Which of the following symbols should be placed in the blank spaces respectively (in the same order from left to right) in order to complete the given expression in such a manner that makes the expression P > Q as well as R ≤ S definitely true?

P _ R _ T _ Q _ S

(a) =, =, ≥, ≥

(b) >, ≥, =, >

(c) >, <, =, ≤

(d) >, =, =, ≤

(e) >, =, ≥, >

Q44. Which of the following symbols should replace the sign (?) and (*) in the given expression in order to make the expression Q>X definitely false and Z>Q is definitely true?

Z (?) Y > Q (*) M ≥ X

(a) >, >

(b) ≥, >

(c) <, =

(d) >, =

(e) None of these

Directions (45-46): In each of the questions below. Some statements are given followed by conclusions/group of conclusions. You have to assume all the statements to be true even if they seem to be at variance from the commonly known facts and then decide which of the given conclusion given in the options logically follow from the information given in the statements:

Q45. Statements: Only a few Green is Blue.

No Blue is Yellow.

Only a few Yellow is White.

(a) Some Yellow is Green

(b) All Green can be Yellow

(c) All White can be Blue

(d) Some Green is White

(e) All Blue can be Green

Q46. Statements: Only a few Banana is Mango.

Only a few Banana is Grapes.

Only Grapes is Kiwi.

(a) Some Banana can be Kiwi.

(b) Some Kiwi can be Mango

(c) All Mango is Grapes is a possibility

(d) All Grapes cab be Banana

(e) All Banana can be Grapes.

Directions (47-50): Each of the following questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer.

Q47. Who amongst P, Q, R, S and T is the tallest?

I. P is taller than Q. T is not the tallest.

II. R is taller than P. S is not the tallest.

(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(c) If the data in either statement I alone or in statement II alone are sufficient to answer the question.

(d) If the data in both the statements I and II together are not sufficient to answer the question.

(e) If the data in both the statements I and II are together necessary to answer the question.

Q48. In which direction is point E, with respect to point S?

I. Point D is to east of point E. Point E is to the south of point F.

II. Point F is to the north-west to point S. Point D is to the north of point S.

(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(c) If the data in either statement I alone or in statement II alone are sufficient to answer the question.

(d) If the data in both the statements I and II together are not sufficient to answer the question.

(e) If the data in both the statements I and II are together necessary to answer the question.

Q49. In which month of the year did Raman go abroad for a vacation?

I. Raman correctly remembers that he went for a vacation in the first half of the year.

II. Raman's son correctly remembers that they went for a vacation after 31st March but before 1st May.

(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(c) If the data in either statement I alone or in statement II alone are sufficient to answer the question.

(d) If the data in both the statements I and II together are not sufficient to answer the question.

(e) If the data in both the statements I and II are together necessary to answer the question.

Q50. On which day of the same week is Rudra's exam scheduled (Monday being the first day of the week)?

I. Rudra correctly remembers that his exam is scheduled on a day after Tuesday, but before Thursday of the same week.

II. Rudra's father correctly remembers that Rudra's exam is scheduled on the third day of the week.

(a) If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(b) If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

(c) If the data in either statement I alone or in statement II alone are sufficient to answer the question.

(d) If the data in both the statements I and II together are not sufficient to answer the question.

(e) If the data in both the statements I and II are together necessary to answer the question.

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