

REASONING

Directions (1-5): Study the information carefully and answer the questions given below:

There are seven persons i.e. P, Q, R, S, T, U and V are going to the mall on different days of the same week from Monday to Sunday but not necessarily in the same order. All the persons like different colours i.e. Red, Blue, Black, Green, Yellow, Orange and White again not in the same order.

R goes on Thursday and likes black colour. Two persons go between R and the one who likes Orange colour. Three persons go between P and T who likes white colour. P does not like orange colour. The person who likes white colour goes before the one who likes black colour. T does not go on Monday. S goes immediately after the one who likes red colour. Two persons go between V and U who likes yellow colour. P does not like green colour.

- Who among the following person likes Red colour?
(a) Q (b) R (c) T
(d) P (e) None of these
- Which of the following colour likes by S?
(a) Orange (b) Green (c) Blue
(d) White (e) None of these
- Which of the following combination is true?
(a) Monday- P-Yellow
(b) Tuesday-U-Orange
(c) Friday-V-Green
(d) Wednesday-Q-Red
(e) None is true
- Four of the following five are alike in certain way based from a group, find the one that does not belong to that group?
(a) U-Black (b) R-Green (c) Q-Yellow
(d) S-Black (e) P-Red
- Who among the following person goes on Saturday?
(a) P (b) Q (c) R
(d) S (e) T

Directions (6-10): Each of the 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 statement are sufficient to answer the question. Read both the statements and Give answer:

- 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.
- 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.

- If the data either in statement I alone or in statement II alone are sufficient to answer the question.
 - If the data even in both statements I and II together are not sufficient to answer the question.
 - If the data in both statements I and II together are necessary to answer the question.
- Among P, Q, R, S, T and U each one of them has different age, who is the third eldest person?
I. S is elder than Q and P. S is younger than only T.
II. P is not the youngest. Q is younger than U but elder than P.
 - Six boxes A, B, C, D, E and F are placed one above another. Which of the following box is placed second from the top?
I: C is placed above box E. Two boxes are placed between box C and box D
II: A is placed above box C. Box D is placed below Box B
 - Among J, K, L, M, N and P each one of them live at six different floors of the same building, who among the following live at 3rd floor?
I: J lives at one of the odd numbered floors. K lives at bottom floor. L lives at 5th floor.
II: M lives at top floor. N lives at 4th floor.
 - What is the code of black?
I: If "white blue black" is coded as "il kc ue" and "black green white" is coded as "ue ne il"
II: If "black yellow Orange" is coded as "ow rn lb" and "green black white" is coded as "ow kc it"
 - Which of the following statement define $N \geq P$?
I: $K < L \leq P, M = Q, P = O \leq M, Q \leq N$
II: $M > Q = P \leq R, N = T \geq R$



Directions (11-15): Study the information carefully and answer the questions given below.

Ten persons are sitting in two parallel rows containing five persons in each row such a way that there is an equal distance between adjacent persons. In row-1, A, B, C, D and E are seated and all of them are facing south. In row-2, P, Q, R, S and T are seated and all of them are facing north. Therefore, in the given seating arrangement, each member seated in a row faces another member of the other row.

T sits third to the right of Q. The persons facing P sits to the immediate right of B. Only one person sits between B and D. P sits second to the left of T. A is not an immediate neighbor of B. Only two people sit between A and C. Neither B nor A faces S.

11. Who among the following person facing D?
(a) P (b) Q (c) R
(d) S (e) T
 12. Who among the following sits immediate right of R?
(a) P (b) S (c) T
(d) Q (e) No one
 13. Who among the following faces the one who sits second to the left of E?
(a) P (b) T (c) A
(d) Q (e) S
 14. Who among the following sits immediate right of A?
(a) E (b) B (c) No one
(d) C (e) D
 15. Who among the following sits exactly between A and the one who faces R?
(a) E (b) C (c) D
(d) B (e) None of these
- Direction (16-18):** Study the following information carefully to answer the given questions.
- Eight Persons P, Q, R, S, T, U, W and X in a family. There are three married couple. T is sister P. R is grandfather of X. W is father of U. Q is daughter in law of S who is not married to W. X is unmarried male and T is married to U.
16. Who among the following is nephew of T?
(a) R (b) X (c) S
(d) Q (e) U
 17. Who among the following is son in law of S?
(a) P (b) X (c) R
(d) U (e) None of these

18. What is the relation of Q with X?
(a) Mother
(b) Aunt
(c) Grand-Mother
(d) Sister
(e) Wife
19. How many pairs of letters are there in the word 'CRACKER', each of which have as many letters between them in the word as they have between them in the English alphabet?
(a) One (b) Three (c) Four
(d) Two (e) None
20. Which of the following is the third letter from the right end of the meaningful word formed from the second, third, sixth and seventh letters of the word "DECLARATION". If more than one word is formed your answer will be Z?
(a) C (b) E (c) A
(d) Z (e) R

Direction (21-23): Study the following information carefully to answer the given questions.

A person starts walking from his home to the east direction, after walking 20m he turns right and walk 15m and reached at point C. From point C he takes a right turn and walk 10m and then turn his left and walk 5m to reach final point E.

21. What is the direction of his home with respect to point E?
(a) North (b) South (c) North west
(d) South east (e) West
22. If point A is 2m east of point C, then what is the shortest distance between E and A?
(a) 10m (b) 15m (c) 25m
(d) 13m (e) 7m
23. Point C is in which direction of his final position?
(a) North East (b) East (c) North
(d) West (e) South-West
24. The position of how many alphabets will remain unchanged if each of the alphabets in the word 'INTERACTIVE' is arranged in alphabetical order from left to right?
(a) None (b) Two (c) One
(d) Three (e) Four
25. If in the number 82164739, 1 is added to each of the digit which is less than five and 1 is subtracted from each of the digit which is greater than five then how many digits are repeating in the number thus formed?
(a) One (b) Two (c) None
(d) Three (e) Four

Directions (26-30): Study the following information carefully and answer the questions given below.

Eight professor- A, B, C, D, M, N, O, and P are working in three departments Engineering, Medical, and Management of an Institute with at least two of them work in each department and not more than three persons work in same departments. Each of them likes a different sports Golf, Volleyball, Archery, Boxing, Tennis, Rugby, Basketball and Cricket but not necessarily in the same order. P likes Archery and he works in Management department with only N. B and M do not work in the same department. O likes Boxing and does not work in Medical department. M and C works together but not in engineering department. D works with C in the same department and likes Golf. B likes Basketball and none of his colleagues in the department likes Tennis and Rugby. N likes Volleyball and M does not like Tennis.

26. Who among the following works same department as B?
(a) C (b) D (c) M
(d) O (e) P
27. Which of the following sport likes by M?
(a) Cricket (b) Rugby (c) Basketball
(d) Volleyball (e) Tennis
28. Four of the following five form a group, which among the following does not belong to that group?
(a) D-Medical (b) C-Tennis (c) N-Management
(d) A-Basketball (e) O-Engineering
29. Who among the following likes tennis?
(a) C (b) A (c) M
(d) O (e) N
30. Which of the following group of persons work in the same department?
(a) N-O (b) P-C (c) A-M
(d) O-B (e) D-A

Direction (31-35): In each of the questions given below, a group of digits is given followed by some combinations of letters. You have to find out which of given combinations correctly represents the group of digits based on the numbers/symbols codes and the conditions given below. If none of the given combinations represents the group of digits correctly, give (e) i.e. 'None of these' as the answer.

Digit	A	I	L	S	E	B	G	O	P	C	H	T
Numbers/ Symbols	1	@	8	#	\$	2	*	5	9	3	&	^

Condition for coding the group digits:

- (i) If the first letter is vowel and last letter is consonant, the codes for the first and the last letter are to be interchanged.
(ii) If the first as well as the last letter is vowel, then first letter is to be coded by the code of the 2nd letter of the word from right end and last letter is to be coded by the code of the 2nd letter of the word from left end.
(iii) If the first as well as the last letter is consonant, then both are to be coded by the code for the first letter.

31. COACH
(a) 58815 (b) 81588 (c) 81558
(d) 51888 (e) None of these
32. GOAL
(a) *153 (b) 351* (c) *51*
(d) *151 (e) *15*
33. EAGLE
(a) 81*18 (b) 81#81 (c) *53\$*
(d) 81*81 (e) None of these
34. TEACH
(a) ^\$31^ (b) q (c) ^\$13^
(d) ^1\$3^ (e) None of these
35. POLICE
(a) 957@\$ (b) 81588 (c) 95@@\$
(d) 95@8\$ (e) None of these

Directions (36-40): Study the following information carefully to answer the given questions.

In a certain code language,

- “Data image burn task” is coded as “hj mk uy ed”
“Succeed security Data” is coded as “io mk sd”
“burn security succeed” is coded as “io sd ed”
“Security task green clean” is coded as “sd we uy tf”

36. What is the code for 'security'?
(a) io (b) sd (c) we
(d) uy (e) None of these

TEST SERIES

ENGLISH



FCI 2021

ASST. GENERAL MANAGER
(General Administration)

20 TOTAL TESTS

37. What does code 'ed' stand for?
 (a) Data (b) Task (c) Green
 (d) Burn (e) None of these
38. Which of the following code may be for 'green image data' ?
 (a) ed sd tf (b) io sd uy (c) hj mk we
 (d) mk we tf (e) None of these
39. What is the code for 'Image' ?
 (a) hj (b) mk (c) we
 (d) sd (e) None of these
40. What is the code for 'Clean' ?
 (a) ed (b) we (c) tf
 (d) Either (b) or (c) (e) io

Directions (41-45): In each of the questions below are given some statements followed by some Conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the Conclusions and then decide which of the given Conclusions logically follows from the given statements disregarding commonly known facts.

41. **Statements:** A few minute are hour.
 No hour are days.
 At least days are week.
Conclusions:
 I. Some day is minute is a possibility
 II. Some week is not hour
 III. No day is week
 (a) Only I follows (b) Only II follows
 (c) Only I and II follow
 (d) Only III follows (e) None follows
42. **Statements:** No Earth is a Mars.
 All Venus are Mars.
 All Venus are Jupiter.
Conclusions:
 I. At least some Jupiter are not Earth.
 II. No Earth is Jupiter
 III. No Venus is a Earth.
 (a) Only I follows (b) Only II and III follow
 (c) Only I and III follow
 (d) Only I and II follow (e) None of these
43. **Statements:** Only a few wind are breeze.
 Some air is tree.
 All air are breeze.
Conclusions:
 I. All wind is air is a possibility.
 II. All breeze is wind is a possibility.
 III. Some tree is breeze is a possibility.

- (a) Only I follows
 (b) Only II follows
 (c) Only III follows
 (d) Only II and III follow
 (e) None of these

44. **Statements:** Only treasure are gems.
 Only a few treasure is gold.
 No treasure is jewel.

Conclusions:

I. All treasure are gold is a possibility.

II. All jewels are gold

III. Some gold not jewels.

- (a) Only I follows
 (b) Only II follows
 (c) Only III follows
 (d) Only I and II follow
 (e) None of these

45. **Statements:** Only a few Magenta are Olive.
 No Magenta is Orange.
 No Black are Olive.

Conclusions:

I. Some Black are Orange is a possibility.

II. All Magenta is olive is a possibility.

III. Some magenta is black.

- (a) Only I and III follow
 (b) Only II follows
 (c) Only II and either I or III follow
 (d) Only I follows
 (e) None of these

Directions (46-50): Study the information carefully and answer the questions given below.

There are six employees A, B, C, D, E, F of a company and all of them are working on six different designation of a company viz. CMD, MD, CEO, COO, SE, JE. All the designations given are to be considered in a given order (as CMD is considered as Senior-most and JE is considered as the Junior-most). They all like different bikes i.e. Ninja, CBR, GS310, Duke, R15, Himalayan410. The one who likes GS310 is not at SE designation. E does not like Duke. Only one person is senior than the one who likes CBR. The one who is junior than only two persons likes R15. The one who likes GS310 is senior than C. D is senior than E and junior than B. A is just senior than E. B does not like CBR. D is not at COO designation. The one who likes Ninja is senior than the one who likes GS310. D is senior than atleast three person.

46. Who among the following is JE of the company?
 (a) C (b) A (c) B
 (d) D (e) F

47. Who among the following likes GS310?
 (a) E (b) C (c) B
 (d) A (e) D
48. How many persons are junior than D?
 (a) One (b) Two (c) Three
 (d) More than three (e) None of these
49. The one who is CMD likes which among the following Bike?
 (a) Duke (b) GS310 (c) R15
 (d) CBR (e) None of these
50. Which of the following combination is true?
 (a) B-CBR (b) A-Ninja (c) D-R15
 (d) F-Duke (e) None is true



SOLUTIONS

Solutions (1-5):

Days	Person	Colour
Monday	Q	Orange
Tuesday	U	Yellow
Wednesday	T	White
Thursday	R	Black
Friday	V	Red
Saturday	S	Green
Sunday	P	Blue

1. (e): 2. (b): 3. (e):
 4. (c): 5. (d):

Solutions (6-10):

6. (e): Combine I and II
 $T > S > U > Q > P > R$
7. (d):
8. (a): From statement I:

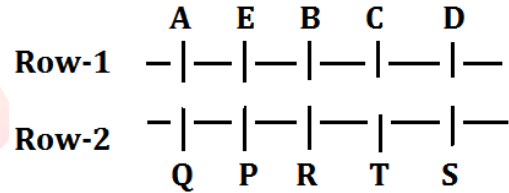
Floor	Person
6	
5	L
4	
3	J
2	
1	K

And statement II has insufficient data

9. (b): From statement I:
 "Black" is coded as "ue/il"
 From statement II:
 "Black" is coded as "ow"

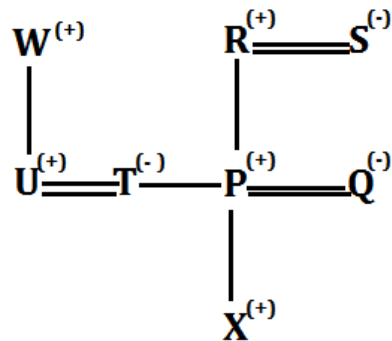
10. (c): From statement I:
 $K < L \leq P = O \leq M = Q \leq N$
 From statement II:
 $M > Q = P \leq R \leq T = N$

Solutions (11-15):

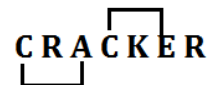


11. (d): 12. (c): 13. (b):
 14. (c): 15. (a):

Solution (16-18):

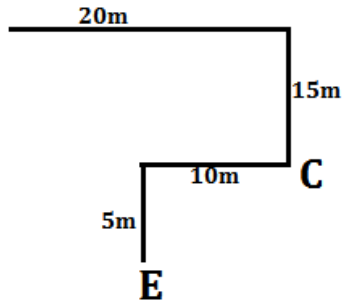


16. (b): 17. (d): 18. (a):
 19. (d):



20. (d): CARE, RACE

Solution (21-23):



21. (c): 22. (d): 23. (a):

24. (c): Original word- INTERACTIVE
After arrangement-ACEEIIINRTTV

25. (a):

Solution (26-30):

Professor	Department	Sport
A	Engineering	Cricket
B	Engineering	Basketball
C	Medical	Tennis
D	Medical	Golf
M	Medical	Rugby
N	Management	Volleyball
O	Engineering	Boxing
P	Management	Archery

26. (d): 27. (b): 28. (d):

29. (a): 30. (d):

Solutions (31-35):

31. (e): Condition III is applied

32. (c): Condition III is applied

33. (d): Condition II is applied

34. (c): Condition III is applied

35. (e): No Condition applied

Solution (36-40):

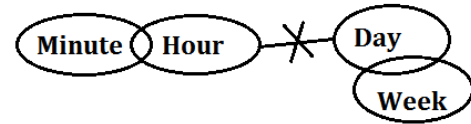
Word	Code
Data	mk
Burn	ed
Task	uy
Image	hj
Security	sd
Succeed	io
Green/Clean	we/tf

36. (b): 37. (d): 38. (c):

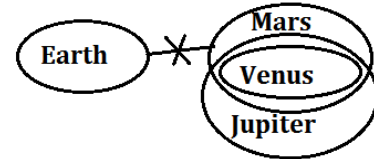
39. (a): 40. (d):

Solution (41-45):

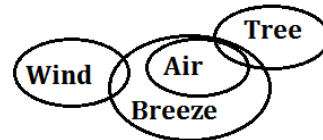
41. (c):



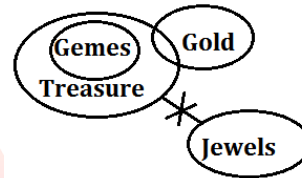
42. (c):



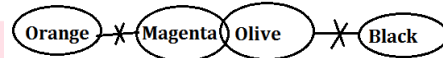
43. (b):



44. (c):



45. (d):



Solutions (46-50)

Designation	Person	Bike
CMD	B	Ninja
MD	F	CBR
CEO	D	R15
COO	A	GS310
SE	E	Himalayan410
JE	C	Duke

46. (a): 47. (d): 48. (c):

49. (e): 50. (c):