

Study the following information carefully to answer the given Questions

Eight groups P, Q, R, S, T, U, V and W are going for rock climbing in different mountain ranges, viz. Saser Kangri, Rimo, Aravali, Chaukhamba, Nanda Devi, Hardeol, Trisul and Kamet but not necessarily in the same order. These groups are also going for rafting in different rivers, viz. Meghna, Yamuna, Tons, Mahanadi, Tabi, Narmada, Koshi and Ganges but not necessarily in the same order,

Group V is going neither to river Koshi nor to river Yamuna, Neither group U nor group V is going to raft in the river Mahanadi or the river Narmada. Group T is going to the Kamet mountain range.

Group R is going to the Chaukhamba mountain range and the river Tabi. The one who is going to raft in the Tons is also going to the Kamet mountain range. Group P and Q are going for rafting either in the Narmada or Ganges.

Group S does not want to raft in the Mahanadi and U does not want to raft in the Yamuna. The group which is climbing on the Saser Kangri is rafting in the Koshi and the group which is climbing on the Trisul is rafting in the Yamuna. P and V do not climb on the Hardeol and the Aravali. The group which is climbing on the Rimo is rafting in the Ganges. Group W and V climb either on Nanda Devi or on the Aravali mountain range.

1. Which group is going to raft in the river Narmada?

- 1.P
- 2.Q
- 3.R
- 4.S
- 5.None of these

Answer & Explanation

Answer – **2.Q**

2. Which of the following groups is going to climb on the Saser Kangri ?.

- 1.S
- 2.T
- 3.U
- 4.W
- 5.None of these

3. The group rafting in the Tons is climbing in which of the following mountain ranges?.

- 1.Nanda devi
- 2.Trisul
- 3.Rimo
- 4.Kamel
- 5.None of these

4. The group Q is going to climb on the which of the following mountain ?

- 1.Hardeol
- 2.Trisul
- 3.Rimo
- 4.Aravali
- 5.None of these

Answer

Answer – **1.Hardeol**

5. Which of the following is true ?

- 1.P – Tabi
- 2.S – Trisul
- 3.V – Nanda Devi
- 4.R – Ganges
- 5.None of these

Answer & Explanation

Answer – **3.V – Nanda Devi**

Explanation :

Name	Mountain	River
P	Rimo	Ganges
Q	Hardeol	Narmada
R	Chaukhamba	Tabi
S	Trisul	Yamuna
T	Kamel	Tons
U	Saser Kangri	Koshi
V	Nanda Devi	Meghna
W	Aravali	Mahanadi

II.Study the following information carefully to answer the given questions

Eight persons A, B, C, D, E, F, G and H belonging to different cities viz Delhi, J & K, MP, Kerala, AP, Odisha, Rajasthan and Tamilnadu, but not necessarily in the same order, went to Hyderabad to attend an Education programme .Each had a different specialisation, viz Literature, Science, Presentation, Advertisement, Designing, Information Technology, Drawing and Writing, but not necessarily in the same order.

E is from AP. G does not have specialisation in Literature or Science. C is from MP and he has specialisation in Designing. Neither F nor G has specialisation in Advertisement or Information Technology. One who is from AP has specialisation in Drawing. A and B have specialisation either in Information Technology or in Writing.

D does not have specialisation in Advertisement and F does not have specialisation in Science. One who is from Tamilnadu has specialisation in Literature and one who is from Kerala has specialisation in Science. G and H belong either to Rajasthan or to Odisha.

A and G do not belong to J & K and Rajasthan respectively. One who belongs to Delhi has specialisation in Writing.

The person with specialisation in Information Technology comes from which of the following cities?

- 1.MP
- 2.J & K
- 3.Kerala
- 4.Delhi
- 5.None of these

Answer & Explanation

Answer – **2.J & K**

Which of the following persons is from Tamilnadu ?

- 1.G
- 2.H
- 3.F

4.C
5.None of these
Answer
Answer – **3.F**

Who is specialised in Science ?

1.A
2.B
3.C
4.D
5.None of these
Answer & Explanation
Answer – **4.D**

Which of the following is true ?

1.H – AP
2.G – Tamilnadu
3.A – Delhi
4.F – Odisha
5.None of these
Answer
Answer – **3.A – Delhi**

Which of the following is not true ?

1.H – Presentation
2.C – Designing
3.E – Drawing
4.D – Science
5.None of these
Answer
Answer – **1. H – Presentation**

Explanation :

Person	City	Specialisation
A	Delhi	Writing
B	J & K	IT
C	MP	Designing
D	Kerala	Science
E	AP	Drawing
F	Tamilnadu	Literature
G	Odisha	Presentation
H	Rajasthan	Advertisement

Study the following information to answer the given questions

There are seven students in a class P, Q, R, S, T, U and V in a class that studies different subjects – Hindi, Science, Maths, English, Computer, Sanskrit and Biology. Each student secured different marks in the exam. R has secured second highest marks and he doesn't study hindi or science. T secured the least marks and he doesn't like science and Sanskrit. The favourite subject of S is maths and he secured more marks than Q and V but less than P. The favourite subject of Q is computer and his marks are more than T but less than marks of V. The favourite subject of P is biology. The student whose favourite subject is English got the highest marks
Explanation

Whose favourite subject is English?

a) P
b) R
c) T
d) U
e) None of these
Answer
Answer – **d) U**

Which is the favourite subject of T?

a) English
b) Maths
c) Hindi
d) Biology
e) None of these
Answer
Answer – **c) Hindi**

When all the students are arranged in descending order of marks, then what is the position of S from the right end?

a) first
b) second
c) third
d) fourth
e) None of these
Answer
Answer – **d) fourth**

How many students are between R and Q in terms of marks?

a) one
b) two
c) three
d) four
e) None of these
Answer
Answer – **c) three**

Who got the second least marks ?

a) P
b) R
c) U
d) Q
e) None of these
Answer
Answer – **d) Q**

Explanation :

P	BIOLOGY
Q	COMPUTER
R	SANSKRIT
S	MATHS
T	HINDI
U	ENGLISH
V	SCIENCE

Marks in order – U>R>P>S>V>Q>T

Study the following information to answer the given questions

There are 7 friends P, Q, R, S, A, B and C live in three different colonies – X, Y and Z. A minimum of two or a maximum of three friends live in one colony. Each of them is wearing shirts of different colours i.e. red, green, blue, white, black, yellow and pink but not necessarily in the same order. B is wearing a shirt of pink colour and lives in the same colony as only C i.e. X. R is wearing a black shirt and does not live in building Z. S doesn't live in the same building as P or A and is wearing a yellow colour shirt. Q lives in building Z with only one more person and is wearing a green shirt. None in the Y building is wearing a white shirt. A doesn't wear a blue shirt.

Who live in colony Z ?

- 1.P,Q
- 2.Q,R
- 3.Q,S
- 4.B,C
- 5.None of these

Answer

Answer – **3.Q,S**

Who is wearing black white shirt?

- 1.B
- 2.C
- 3.S
- 4.Can't be determined
- 5.None of these

Answer

Answer – **2.C**

Who is living in colony Y?

- 1.PRQ
- 2.PRA
- 3.ABC
- 4.ARQ
- 5.None of these

Answer

Answer – **2.PRA**

which of the following is true?

- 1.P – Z – PINK
- 2.R – Y – WHITE
- 3.C – X – WHITE
- 4.S – Z – BLACK
- 5.None of these

Answer & Explanation

Answer – **3.C – X – WHITE**

A live in which colony and wears which colour shirt-

- 1.Z – RED
- 2.Y – WHITE
- 3.X – RED
- 4.Y – RED
- 5.None of these

Answer

Answer – **4.Y – RED**

Explanation :

P	Y	BLUE
Q	Z	GREEN
R	Y	BLACK
S	Z	YELLOW
A	Y	RED
B	X	PINK
C	X	WHITE

Study the following information carefully to answer the given questions

Eight groups P, Q, R, S, T, U, V and W are going for rock climbing in different mountain ranges, viz. Aravallis, Himalayas, Satpura, Andes, Alps, Rockies, Atlas and Appalachian but not necessarily in the same order. These groups are also going for rafting in different rivers, viz. Ganga, Yamuna, Narmada, Gomti, Krishna, Godavari, Jhelum and Ravi but not necessarily in the same order.

Group V is going neither to river Jhelum nor to river Yamuna. Neither group U nor group V is going to raft in the river Gomti or the river Godavari. Group T is going to the Appalachian mountain range. Group R is going to the Andes mountain range and the river Krishna. The one who is going to raft' in the Narmada is also going to the Appalachian mountain range. Group P and Q are going for rafting either in the Godavari or Ravi. Group S does not want to raft in the Gomti and U does not want to raft in the Yamuna. The group which is climbing on the Aravallis is rafting in the Jhelum and the group which is climbing on the Atlas is rafting in the Yamuna. P and V do not climb on the Rockies and the Satpura. The group which is climbing on the Himalayas is rafting in the Ravi. Group W and V climb either on Alps or on the Satpura mountain range

Which of the following groups is going to climb on the Rockies?

- 1) P
- 2) R
- 3) Q
- 4) U
- 5) None of these

Answer

Answer – **3) Q**

The group rafting in the Ganga is climbing in which of the following mountain ranges?

- 1) Himalayas
- 2) Rockies
- 3) atlas
- 4) alps
- 5) None of these

Answer

Answer – **4) alps**

Which group is going to raft in the river Krishna?

- 1) P

- 2) U
- 3) T
- 4) S
- 5) None of these

Answer

Answer – 5) None of these

Which of the following combinations is not true with respect to the above information?

- 1) V- Alps-Ganga
- 2) U-Aravallis-Jhelum
- 3) T-Appalachian-Narmada
- 4) Q-Rockies-Godavari
- 5) All are true

Answer

Answer – 5) All are true

Group P and T are rafting in which of the following rivers respectively?

- 1) Ganga and Yamuna
- 2) Ravi and ganga
- 3) Narmada and Ravi
- 4) Ravi and Narmad
- 5) None of these

Answer

Answer – d) Ravi and Narmad

Explanation :-

P	HIMALAYAS	RAVI
Q	ROCKIES	GODAVARI
R	ANDES	KRISHNA
S	ATLAS	YAMUNA
T	APPALACHIAN	NARMADA
U	ARAVALIS	JHELMUM
V	ALPS	GANGA
W	SATPURA	GOMTI

Study the following information carefully to answer the given questions

Seven friends P, Q, R, S, T, U and V belongs to 7 different states viz UP, Delhi, AP, Rajasthan, Punjab, Kerala and Gujarat but not necessarily in the same order. Each of them likes different dishes viz Dosa, Burger, Rajma, Pizza, Sandwich, Samosa and Dhokla but not necessarily in the same order.

Q likes neither Dosa nor Dhokla. S belongs to AP. R belongs to Delhi and likes Pizza. T and U do not hail from Rajasthan. The one who hail from Rajasthan likes Burger. Neither Sandwich nor Dosa is liked by S. Q hails from Punjab. The one who likes Dhokla is either from Gujarat or from Punjab. U does not like Dosa or Sandwich. P likes Rajma. V is not from Kerala.

The one who likes Samosa is from which of the following states ?

- 1.UP
- 2.Kerala

- 3.AP
 - 4.Gujarat
 - 5.None of these
- Answer & Explanation
- Answer – 3.AP

T likes which of the following dishes ?

- 1.Burger
 - 2.Pizza
 - 3.Dhokla
 - 4.Dosa
 - 5.None of these
- Answer
- Answer – 4.Dosa

If the person who likes Dosa is from UP then the person who likes Rajma from which of the following state ?

- 1.Delhi
 - 2.AP
 - 3.Kerala
 - 4.Rajasthan
 - 5.None of these
- Answer
- Answer – 3.Kerala

Who among the following like Dhokla ?

- 1.V
 - 2.U
 - 3.T
 - 4.R
 - 5.None of these
- Answer
- Answer – 2.U

Which of the following is true ?

- 1.U – Gujarat – Dhokla
 - 2.Q – UP – Dosa
 - 3.R – AP – Burger
 - 4.S – Delhi- Rajma
 - 5.None of these
- Answer
- Answer – 1. U – Gujarat – Dhokla

Explanation :

- P – UP/Kerala – Rajma
 Q – Punjab – Sandwich
 R – Delhi – Pizza
 S – AP – Samosa
 T – UP/Kerala – Dosa
 U – Gujarat – Dhokla
 V – Rajasthan – Burger

Study the following information carefully to answer the given questions

Seven friends G, H, I, J, K, L and M meet in a party. They shake hands with each other but only in a particular way. The odd numbered persons do not shake hands with even numbered persons and vice versa. These friends are wearing shirts of different colours such as Red, White, Yellow and Black. No two even numbered persons can wear the shirts of

the same colour and the same rule not applied for odd numbered persons. All the persons shake hands with at least one person.

K is the only person who shakes hands with all odd numbered persons but he is not wearing a Black shirt. L is wearing a Red shirt and shakes hands only with H. The persons who wear Yellow shirts shake hands with only the persons who wear White shirts. G does not wear a Black shirt but shakes hands with the persons who wear a Black shirt. Black shirt is worn by only one person but that person is not I.

Who among the following wear White shirt ?

1. G and I
2. H and K
3. I and M
4. J and L
5. None of these

Answer & Explanation

Answer – **2. H and K**

G wears shirt which of the following colour ?

1. Yellow
2. Black
3. White
4. Red
5. Can't be determined

Answer

Answer – **4. Red**

Who among the following wear Black shirt ?

1. M
2. I
3. H
4. L
5. None of these

Answer

Answer – **1. M**

K hand shakes with who among the following ?

1. G and M
2. H and L
3. G, I and M
4. K, L and G
5. None of these

Answer

Answer – **3. G, I and M**

5. Which of the following is correct ?

1. L – Black – Shake hands with G, M
2. G – Red shirt – Shake hands with K, M
3. I – Yellow – Shake hands with K
4. M – White – Shake hands with L
5. None of these

Answer

Answer – **2. G – Red shirt – Shake hands with K, M**

Explanation :

G – Red shirt – Shake hands with K, M

H – White – Shake hands with J, L

I – Yellow – Shake hands with K

J – Yellow – Shake hands with H

K – White – Shake hands with G, I, M

L – Red – Shake hands with H

M – Black – Shake hands with G, K

Study the following information carefully to answer the given questions

Seven friends A, B, C, D, E, F and G appear for GATE exam on different dates in December viz 5th, 6th, 12th, 13th, 19th, 25th and 26th but not necessarily in the same order. Each of them belongs to a different cities viz Delhi, Mumbai, Chennai, Hyderabad, Ranchi, Amritsar and Kolkata but not necessarily in the same order.

The one who belongs to Delhi appears in the exam on 25th Feb. G belongs to Mumbai and appears in the exam on 12th Feb. B appears in the exam immediately before E. B does not appear in the exam on a day after G. The one who belongs to Kolkata does not appear in the exam on or before 19th Feb. The one who belongs to Chennai appears in the exam immediately after C. E does not belong to Ranchi. The one who belongs to Amritsar does not appear in the exam immediately before or after G. F does not appear in the exam on 26th Feb nor does he belong to Chennai. D appears in the exam on a day before A.

Who among the following belongs to Ranchi ?

A. A

B. B

C. C

D. D

E. None of these

Answer & Explanation

Answer – **C. C**

Explanation :

Date	Person	City
5 th	B	Amritsar
6 th	E	Hyderabad
12 th	G	Mumbai
13 th	C	Ranchi
19 th	D	Chennai
25 th	F	Delhi
26 th	A	Kolkata

F belongs to which of the following cities ?

A. Delhi

B. Mumbai

C. Chennai

D. Ranchi

E. None of these

Answer & Explanation

Answer – **A. Delhi**

Explanation :

On which day does B appear in the exam ?

A. Feb 5th

B. Feb 19th

C. Feb 13th

D. Feb 26th

E. None of these

Answer

Answer – **A.Feb 5th**

Which of the following is true ?

- A.D-Feb 6th
- B.E-Mumbai
- C.G-Feb 12th
- D.A-Chennai
- E.None of these

Answer

Answer – **C.G-Feb 12th**

Who wrote the exam on Feb 26th ?

- A.D-Delhi
- B.E-Kolkata
- C.G-Mumbai
- D.A-Kolkata
- E.None of these

Answer

Answer – **D.A-Kolkata**

II.Study the following information carefully to answer the given questions

A family of seven persons M, N, O, P, Q, R and S are go for a picnic in Tata Sumo. There are 2 couples in the family. Only 2 members can sit in the front row as well as in the back row of the car and rest can sit in the middle row. Not more than 2 males or females can sit in the same row or column. The daughter-in-law is driving the car. One couple is seated in the same column. The granddaughter sits on the immediate left of her grandmother.

N is father of Q. S has 2 sons and a daughter. R sits in the back row. N and P doesn't sit in the front row. O is married to N.M is father of R. Both the brothers not sit in the same column.P is daughter of M.

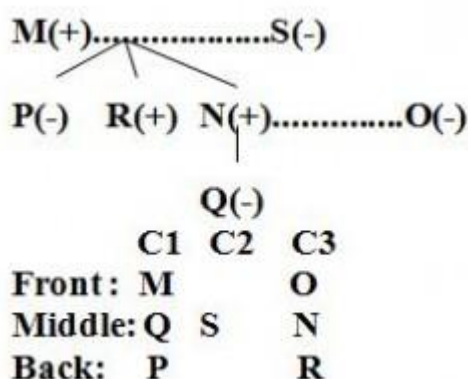
How many male members are there in the family ?

- A.Three
- B.Four
- C.Two
- D.Can't be determined
- E.None of these

Answer & Explanation

Answer – **A.Three**

Explanation :



Who among the following is mother of N ?

- A.M
- B.O
- C.S
- D.R
- E.None of these

Answer

Answer – **C.S**

Which of the following group sits in the middle row of the car ?

- A.R,S
- B.M,N,O
- C.O,P
- D.Q,S,N
- E.None of these

Answer

Answer – **D.Q,S,N**

Who among the following is father of Q ?

- A.N
- B.P
- C.Q
- D.R
- E.None of these

Answer

Answer – **A.N**

Which is true with respect to the given arrangement ?

- A.P-middle
- B.O-front
- C.M-back
- D.S-front
- E.None of these

Answer

Answer – **B.O-front**

Study the following information carefully to answer the given questions

Eight persons A, B, C, D, E, F, G and H are live in a on separate floors in an 8 storeyed building in Delhi. Each floors are numbered, Ground floor as number 1 and topmost as number 8.

E lives on an even numbered floor and immediately below the floor where F lives.

A lives below the floor H lives in. B lives on floor number 6. Exactly one person lives between floor H and floor A.

C lives on lowermost floor. A lives immediately below floor B lives in.

D does not live on topmost floor.

On which floor number does D live?

- A. 3
- B. 2
- C. 4
- D. None

Answer & Explanation

C. 4

Explanation:

- Floor 8 G
- Floor 7 H
- Floor 6 B
- Floor 5 A
- Floor 4 D
- Floor 3 F
- Floor 2 E
- Floor 1 C

Who lives on floor number 6?

- A. E
- B. C
- C. D
- D. B

Answer & Explanation

D. B

Explanation: Floor 8 G

Floor 7 H

Floor 6 B

Floor 5 A

Floor 4 D

Floor 3 F

Floor 2 E

Floor 1 C

How many persons live in between E and B?

A. 4

B. 2

C. 3

D. 1

Answer & Explanation

C. 3

Explanation: Floor 8 G

Floor 7 H

Floor 6 B

Floor 5 A

Floor 4 D

Floor 3 F

Floor 2 E

Floor 1 C

The person who lives immediately below H?

A. B

B. C

C. D

D. A

Answer & Explanation

A. B

Explanation: Floor 8 G

Floor 7 H

Floor 6 B

Floor 5 A

Floor 4 D

Floor 3 F

Floor 2 E

Floor 1 C

Study the following information to answer the given questions

Seven friends A, B, C, D, E, F and G attend different language classes namely French, English, Spanish, Sanskrit, Chinese, German and Japanese but not necessarily in the same order from Monday to Sunday.

A attends a class on Friday. Only 2 persons attend classes between A and the one who is learning Sanskrit. B attends a class immediately after E. Neither F nor D is learning Sanskrit. Only one person attends a class between F and the one who is learning Spanish.

The one who is learning Spanish does not have a class on Monday. B attends a class immediately before the one who is learning French. A is not learning French. Only one person has a class between F and E. C is learning German. Only 2 persons have classes between C and the one who is learning Chinese. E is not learning Japanese

Which of the following language is E learning ?

1. Japanese

2. English

3. German

4. French

5. None of these

Answer & Explanation

Answer – **2. English**

Explanation :

A-Friday-Spanish

B-Tuesday-Sanskrit

C-Sunday-German

D/G-Thursday-Chinese

E-Monday-English

F-Wednesday-French

G/D-Saturday-Japanese

If G have class on Saturday .On which of the following day does D have a class ?

1. Thursday

2. Wednesday

3. Monday

4. Tuesday

5. None of these

Answer

Answer – **1. Thursday**

Who among the following is learning Japanese ?

1. E

2. F

3. G

4. A

5. None of these

Answer

Answer – **3. G**

Who among the following have classes immediately before B ?

1. G

2. C

3. A

4. E

5. None of these

Answer

Answer – **4. E**

Which of the following is correct ?

1. D-Tuesday-Sanskrit

2. A-Friday-Spanish

3. G-Sunday-Japanese

4. B-Monday-English

5. None of these

Answer

Answer – **2. A-Friday-Spanish**

Study the following information to answer the given questions

P, Q, S, T, U, V and W live on a different floor of a building having seven floors numbered 1 to 7, Ground floor is numbered 1 and so on. All of them like a different colours viz Yellow, Black, Green, Orange, Red, White and Pink but not necessarily in the same order.

There are 2 floors between the floor on which Q and U live. Q lives two floors below W's floor and likes Green Colour. There are 3 floors between W and P. P likes Yellow colour and lives on an odd numbered floor. The one likes Pink colour lives on floor no 6. The one who likes Yellow lives on floor no 3.

The one who likes Orange colour does not live on an even numbered floor. Neither S nor U lives immediately above or immediately below T's floor. S likes white colour and there is one floor between the floor on which T and S live. T lives on an even numbered floor but he does not live on floor no 4. P lives immediately above U's floor. V likes Black colour but he does not live on the topmost floor. U likes Red colour and lives immediately below P's floor.

There is only one person between the person who likes Pink colour and the one who likes white colour but that person is neither P nor U. The one who likes Orange colour lives immediately above T's floor. T does not live on floor no 2. Those who live on floor no 4 and floor no 2 like White and Red colours respectively.

On which of the following floor does V live ?

- 1.First
- 2.Fourth
- 3.Sixth
- 4.Seventh
- 5.None of these

Answer & Explanation

Answer – **1.First**Explanation :

- 1-V-Black
- 2-U-Red
- 3-P-Yellow
- 4-S-White
- 5-Q-Green
- 6-T-Pink
- 7-W-Orange

U likes which of the following colour ?

- 1.Pink
- 2.Red
- 3.Green
- 4.white
- 5.None of these

Answer

Answer – **2.Red**

Who among the following lives on the fourth floor ?

- 1.S
- 2.P
- 3.W
- 4.U
- 5.None of these

Answer

Answer – **1.S**

How many floors are there between the floors P and T ?

- 1.Four
- 2.Five
- 3.One
- 4.Two
- 5.None of these

Answer

Answer – **4.Two**

Which of the following is true ?

- 1.5-V-White
- 2.1-U-Black
- 3.7-W-Orange

4.6-S-Green

5.None of these

Answer

Answer – **3.7-W-Orange**

Direction(1-5): Study the following information carefully to answer the given questions

A committee has nine members P, Q, R, S, T, U, V, W and X and it is divided into three groups, viz Shubhas group, Nehru group and Azad group – with three members in each group. There are certain conditions for the formation of the groups. Only three members will be selected in each group. One person cannot be selected for more than one group. P is in the Shubhas group. W is in the Nehru group. R and S are in the same group but not in the group of X. P and Q are not in the same group. T is not in the same group as X but is in the Azad group. U is in the group in which either W or Q or both of them are present. X and W are not in the same group. U is neither with T nor with X.

R and S are in which of the following groups?

- a) Shubhas group
- b) Nehru group
- c) Azad group
- d) Can't be determined
- e) None of these

Answer

Answer – **c) Azad group**

Which of the following statements is true about V?

- a) V is in the Shubhas group with W
- b) V is in the Azad group with P
- c) V is in the Shubhas group with R and S
- d) V is in the Shubhas group with P
- e) None of these

Answer

Answer – **d) V is in the Shubhas group with P**

U is associated with which of the following groups?

- a) Azad
- b) Nehru
- c) Shubhas
- d) can't be determined
- e) None of these

Answer

Answer – **b) Nehru**

Which of the following members represents the Azad group?

- a) RSP
- b) TPQ
- c) TRU
- d) STR
- e) None of these

Answer

Answer – **d) STR**

Which of the following combinations is true ?

- a) Shubhas group-PQT
- b) Azad group – TRQ

- c) Nehru group – WUQ
d) Azad group – PXV
e) None of these

Answer

Answer – c) Nehru group – WUQ

Explanation

P	SHUBHAS
Q	NEHRU
R	AZAD
S	AZAD
T	AZAD
U	NEHRU
V	SHUBHAS
W	NEHRU
X	SHUBHAS

Direction(6-10): Study the following information carefully to answer the given questions

Seven friends P, Q, R, S, M, N and X go to market on different days – Sunday, Monday, Tuesday, Wednesday, Thursday, Friday and Saturday for part-time jobs at different places, viz Jaipur, Udaipur, Ajmer, Delhi, Noida, Bhopal and Indore but not necessarily in the same order. R works at the Ajmer but goes there neither on Saturday nor on Thursday. M goes on Tuesday and works at Bhopal. P goes on Friday but works neither at Jaipur nor at Noida. The one who goes on Monday works at Udaipur. The one who works at Jaipur goes there on Wednesday. N works at Noida. X works at Delhi and goes on Saturday. S does not go on Monday.

Explanation

P	FRIDAY	INDORE
Q	MONDAY	UDAIPUR
R	SUNDAY	AJMER
S	WEDNESDAY	JAIPUR
M	TUESDAY	BHOPAL
N	THURSDAY	NOIDA
X	SATURDAY	DELHI

Who among the following works at Udaipur?

- a) P
b) Q
c) R
d) X
e) None of these

Answer

Answer – b) Q

On which day does N go to market?

- a) Monday
b) Tuesday
c) Wednesday
d) Thursday
e) None of these

Answer

Answer – d) Thursday

Which of the following combinations is true?

- a) M – Thursday – Bhopal
b) S – Tuesday – Jaipur
c) R – Sunday – Ajmer
d) N – Friday – Noida
e) None of these

Answer

Answer – c) R – Sunday – Ajmer

Who among the following goes to work on Sunday?

- a) Q
b) N
c) M
d) P
e) None of these

Answer

Answer – e) None of these

The person going on Saturday works in which of the following place?

- a) Jaipur
b) Bhopal
c) Delhi
d) Indore
e) None of these

Answer

Answer – c) Delhi

matrix based puzzle

Study the following information carefully to answer the given questions

There are six boys P, Q, R, S, T and U. They want to go out with six girls A, B, C, D, E and F, not necessarily in the same order. The pairs went to different cities Delhi, Mumbai, Kolkata, Chennai and two of them went to Jaipur. They like different bikes viz KTM, Bullet, Pulsar and Apache. But KTM and Bullet are preferred by two pairs. Further information is as follows:

P and S visit Jaipur but do not like either KTM or Apache
U does not go out with E. Both of them do not like Pulsar.
D and C wants to go to Delhi and Kolkata respectively. The persons visiting Mumbai like the same bike as Q does.
R goes out with F to Mumbai but does not like either Bullet or Apache.
Q goes to Delhi and likes KTM.
T does not go out either with A or B; he does not go to Kolkata; he likes neither Pulsar nor Bullet.

Answer & Explanation

P	A/B	JAIPUR	BULLET/PUL
Q	D	DELHI	KTM
R	F	MUMBAI	KTM
S	A/B	JAIPUR	BULLET/PUL
T	E	CHENNAI	APACHE
U	C	KOLKATA	BULLET

Which bike does C like?

- a) KTM
- b) Bullet
- c) Apache
- d) Pulsar
- e) None of these

Answer

Answer – **b) Bullet**

If P goes out with A, who among the following likes Pulsar ?

- a) Q
- b) R
- c) T
- d) P
- e) can't be determine

Answer

Answer – **e) can't be determine**

Who went to Chennai?

- a) RF
- b) UC
- c) QD
- d) TE
- e) None of these

Answer

Answer – **d) TE**

Which bike does C like?

- a) Apache
- b) Pulsar
- c) Bullet

- d) KTM
- e) None of these

Answer

Answer – **c) Bullet**

Who among the following visits Kolkata?

- a) C
- b) Q
- c) P
- d) U
- e) Both a and d

Answer

Answer – **e) Both a and d**

Study the following information carefully to answer the given questions.

Seven people, namely P,Q,R,S,T,U and V like seven different movies namely The Avengers, Titanic, The Dark Knight, Jurassic Park, Avatar, Iron Man 2 and Batman Begins but not necessarily in the same order. Each people also works in the same office but at a different department on the basis of experience namely Administration (ADMIN), Marketing & Sales, (M&S), Accounts (ACC), Production (PO), Quality Management (QM), Human Resources (HR), and Public Relations (PR), but not necessarily in the same order. Each person also like different colors namely viz – Brown, Red, Purple, Yellow, Black, Blue and White.

Note: Each person has been allocated to a department as per increasing order of experience with the one in ADMIN being the least experienced whilst the one in PR Being the most experienced.

The person who likes Avatar also likes the Black color. Persons who have the least experience and most experience like red and white color respectively. Only one person has less experience than U. The one who has less experience than U likes Jurassic Park. Only one person has more experience than P. P does not like Brown. The one in Marketing and Sales like Purple. The one in HR likes Avatar. Only two people have more experience than the one who likes The Avengers. V likes Batman Begins and has more experience than the one who likes The Avengers. S has less experience than the one in PO, but more experience than the one who likes The Dark Knight. T neither has the least experience than the one who likes The Dark Knight. T neither has the least experience nor he works in QM. Q does not work in QM. The one who likes Titanic does not work in PO. The person who likes Iron Man 2 has more experience than the one who likes Yellow. The one in Quality Management likes Blue.

Explanation

Person	Job	Film	Colour
V	PR	Batman Begins	White
P	HR	Avatar	Black
R	QM	The Avengers	Blue
T	PO	Iron Man 2	Brown
S	ACC	Titanic	Yellow
U	M&S	The Dark Knight	Purple
Q	ADMIN	Jurassic Park	Red

As per the given arrangement, ADMIN is related to White and PR is related to Black in a certain way. To which of the following is ACC related to the same way?

- A. White
- B. Red
- C. Purple
- D. Yellow
- E. Blue

Answer

Answer – E. Blue

Which of the following pairs of people who have more experience than P less experience than S?

- A. V, P
- B. V, U
- C. R, V
- D. T, Q
- E. R, P

Answer

Answer – B. V, U

Which combination represents the department that T works in and the movie he likes?

- A. QM – The Avengers
- B. PO – The Dark Knight
- C. PO – Iron Man 2
- D. ACC – Jurassic Park
- E. ADMIN – Jurassic Park

Answer

Answer – C. PO – Iron Man 2

Who amongst the following likes Yellow?

- A. S
- B. R
- C. P
- D. Q
- E. Other than those given as options

Answer

Answer – A. S

Which of the following movies does Q like?

- A. The Dark Knight
- B. Iron Man 2
- C. The Avengers
- D. Jurassic Park
- E. Titanic

Answer

Answer – D. Jurassic Park

I. Study the following information carefully to answer the given questions.

Seven different Mobile shops – A, B, C, D, E, F and G sold Mobiles starting from Monday to Sunday (of the same week) not necessarily in same order. The number of smartphones sold by the Seven shops in seven different days is 6, 13, 10, 12, 20, 15 and 27 (not necessarily in same order). Each shop sells a different brand of smartphones namely viz., Lenovo, Sony, Apple, Xiaomi, Motorola, HTC, and Samsung. Shop F sold more number of Mobiles than Shop D. There are only three shops sold before the one which sold Xiaomi brand. The shop F sold Mobiles on one of the days after the shop which sold 6 Mobiles. The Shop 'A' sold on one of the days after Friday. E did not sell Samsung models. On Wednesday, the number of Mobiles sold is 12. There is only one shop between the shops which sold Samsung and Sony

mobiles. G did not sell Sony models. The difference between the number of Mobiles sold on Monday and Friday is the multiple of the number 7. There are two shops sold mobiles between the shop F and the shop which one sold 6 Mobiles. Shop B sold Mobiles on one of the days immediately before the shop that sold 10 Mobiles. There are two shops sold mobiles between B and G. There are three shops sold mobiles between the shop F and D. C not sold the least number of Mobiles. The one which sold Samsung mobiles immediately before the one which sold Motorola mobiles. The sum of Mobiles sold on Wednesday and Saturday is more than ten and the sum equals to the number of Mobiles sold on Friday. The difference between the number of Mobiles sold by Shop B and G is less than five. The one which sold Apple mobiles immediately before the one which sold HTC mobiles. The Shop which sold 10 Mobiles, not on Friday. There are only two shops between the shops which sold Lenovo and Xiaomi. The shop which sold more than 12 Mobiles(not an odd number) is immediately after the one which sold 12 Mobiles.

Explanation

Days	Shops	Number of Mobiles	Brand
Monday	D	13	Lenovo
Tuesday	E	6	Apple
Wednesday	G	12	HTC
Thursday	C	20	Xiaomi
Friday	F	27	Samsung
Saturday	B	15	Motorola
Sunday	A	10	Sony

Which of the following is sold by Shop A?

- A. Apple
- B. HTC
- C. Xiaomi
- D. Sony
- E. Samsung

Answer

Answer – D. Sony

Which of the following combinations of “Shop – Day – Number of Mobiles – Brand” is True with respect to the given arrangement?

- A. E – Friday – 15 – Xiaomi
- B. A – Saturday – 6 – Samsung
- C. C – Thursday – 20- Xiaomi
- D. B – Friday – 13 – Sony
- E. E – Thursday – 10 – Apple

Answer

Answer – C. C – Thursday – 20- Xiaomi

Which of the following shop sold Mobiles immediately after D?

- A. D
- B. E
- C. F
- D. A
- E. None

Answer

Answer – B. E

In this arrangement, A is related to Monday, F is related to Wednesday then B is related to?

- A. Tuesday
- B. Wednesday
- C. None of the given options is true.
- D. Saturday
- E. Sunday

Answer

Answer – **A. Tuesday**

What is the difference between the number of mobiles sold on Friday and Thursday?

- A. 8
- B. 7
- C. 6
- D. 5
- E. 4

Answer

Answer – **B. 7**

II. Study the following information carefully to answer the given questions

Seven Persons – A, B, C, D, E, F, and G – live on separate floors of a seven storey-ed building, but not in the same order. The ground floor of the building is numbered 1, the floor above it 2 and so on until the topmost floor is numbered 7. Each person likes different fruits – Apple, Banana, Orange, Guava, Pomegranate, Grapes and Pineapple, but not necessarily in the same order. Each person like different colors namely viz – Red, Green, Black, White, Orange, Blue and Yellow.

There are two persons live between the persons who like Yellow and Green. The person who likes Guava lives on floor numbered four. A does not live on the lowermost floor.

A lives on any odd numbered floor below the one who likes Guava. Only two persons live between A and the person who likes Pineapple. There are two persons live between the persons who like Red and Black. Only one person lives between B and F. F lives on an even numbered floor and does not like Guava. Only three persons live between the persons who like Apple and Orange respectively. The person who likes Apple live on any floor above the B's floor. There are two persons live between the persons who like Green and Orange. The person who likes Apple does not live on the topmost floor. G does not like White. G lives on an even numbered floor but neither immediately above nor immediately below the floor of A. C does not like Apple or Orange. Only two persons live between D and the one who likes Guava. The person who likes Yellow lives one of the floors above the floor numbered 5. The person who likes Pomegranate lives on the floor immediately above the floor of the person who likes Grapes. The person who likes Green lives one of the floors above the floor numbered 3. The person who likes Red lives immediately above the one who likes Green. There are two persons live between the one who likes Blue and the one who likes White.

Explanation

Floor No	Person	Fruits	Colour
7	C	Banana	Yellow
6	G	Pineapple	Blue
5	E	Apple	Red
4	B	Guava	Green

- 3 A Pomegranate White
- 2 F Grapes Black
- 1 D Orange Orange

How many persons live between the floors on which G and F live?

- A. Three
- B. Two
- C. Four
- D. Five
- E. No one

Answer

Answer – **A. Three**

Which of the following statements is/are true according to the given information?

- A. E lives on floor numbered 5 and he does not like Green
- B. A likes Pomegranate and he does not live on floor numbered 4
- C. C likes Yellow and he lives on the topmost floor
- D. Only two persons live between the floors of E and F
- E. All the statements are true.

Answer

Answer – **E. All the statements are true.**

Who among the following likes Pomegranate?

- A. B
- B. F
- C. G
- D. A
- E. C

Answer

Answer – **D. A**

Who among the following lives exactly between the floors on which E and A live?

- A. F
- B. E
- C. B
- D. C
- E. No one

Answer

Answer – **C. B**

Who among the following does like Orange?

- A. A
- B. D
- C. B
- D. C
- E. No one

Answer

Answer – **B. D**

Study the following information carefully to answer the given questions

Eight People – A, B, C, D, E, F, and G live in eight different floors of building (but not necessarily in the same order). One of the floors in the building is vacant. The lowermost floor of the building is numbered one, the one above that is numbered two, and so on till the topmost floor is numbered eight. Each one of them owns different brands of laptops, namely Lenovo, Dell, HP, Samsung, Apple, Asus and TOSHIBA (but not necessarily in the same order). Each one of them likes different colors namely viz – Yellow, Red, Purple, Orange, Black, Blue and Green.

The person who likes Red lives immediately above the person who likes Purple and immediately below the person who likes Orange. The number of people leaving above F is same as the number of floors between F and D. F lives an odd numbered floor above the floor numbered four. Only one person lives between B and the one who owns Samsung. Only three floors between D and the one who owns Apple. Neither C nor G like Red. The one who owns Asus lives immediately above G, G owns neither Apple nor HP. E does not own Asus. Only three floors between G and A. The person who likes Yellow lives immediately above the one who likes Black. The one who owns TOSHIBA lives immediately above the one who owns Lenovo, but not on the topmost floor. C lives one of the odd numbered floors above the one who owns Apple. The number of floors between F and the one who owns DELL is only one. Only one person lives between the one who owns TOSHIBA and the vacant floor. Only two people live between C and vacant floor. The person who likes Green live one of the floors above the floor numbered 5.

Explanation

Floor No	Person
8	B
7	C
6	G
5	F
4	—
3	E
2	A
1	D

Which of the following Statements is true with respect to the given information?

- A. G lives immediately above the one who likes Blue
- B. E lives immediately above C
- C. Only three people live between F and the one who owns TOSHIBA.
- D. D owns Samsung.
- E. All the given statements are true.

Answer

Answer – **A. G lives immediately above the one who likes Blue**

Who amongst the following lives exactly between the vacant floor and the one who owns Lenovo Laptop?

- A. B, C
- B. G, D
- C. F, G
- D. A, B
- E. E, A

Answer

Answer – **E. E, A**

Who among the following likes Orange color?

- A. C
- B. G
- C. F
- D. E
- E. A

Answer

Answer – **D. E**

Four of the following five are alike in a certain way and so form a group. Which one of the following does not belong to the group?

- A. G – HP
- B. C – Apple
- C. F – Samsung
- D. E – Lenovo
- E. D – DELL

Answer

Answer – **C. F – Samsung**

How many people live between E and C?

- A. Four
- B. Three
- C. None
- D. Five
- E. Two

Answer

Answer – **E. Two**

II. Study the following information carefully to answer the given questions

Ten students namely viz A, B, C, D, E, F, G, H, I and J of ten different colleges but not necessarily in the same order have seminar on five different days starting from Monday to Friday of the same week. Each student have seminar at two different time slots, i.e 10.00 AM and 3 P.M. Each student have different colours namely viz – Red, Yellow, Purple, Pink, Blue, Black, Brown, Red, Grey and White. Persons who like Red, Green, Pink, Black and White have seminar at 10:00 A.M. Persons who like Brown, Yellow, Purple, Blue and Grey have seminar at 03:00 P.M. I has a seminar on Tuesday at 10.00 A.M. The number of people who have seminar between G and D is same as the number of people who have seminar between C and H. Persons who like Red and Blue have seminar on Monday and the persons who like White and Grey have Seminar on Friday. B has a seminar immediately before I. I does not have seminar on any of the days before G. The one who has seminar at 10.00 A.M immediately before J. H does not has seminar at 3 P.M. D has a seminar immediately after the day of one who has seminar on Monday. F does not have seminar at 3 P.M. D does not has seminar on any one of the days after E. Only three people have seminar between G and E. Persons who like Pink and Purple went to seminar neither on Tuesday nor Thursday. Neither E nor G does not have seminar on Friday. Only two people have seminar between F and J. F does not has seminar on any of the days after H. Persons who like Green and Yellow does not have seminar on Thursday.

Explanation

Person	Day	Time Slot	Colour
G	Mon	10.00 AM	Red
B	Mon	3.00 PM	Blue
I	Tue	10.00 AM	Green

D	Tue	3.00 PM	Yellow
E	Wed	10.00 AM	Pink
C	Wed	3.00 PM	Purple
F	Thu	10.00 AM	Black
A	Thu	3.00 PM	Brown
H	Fri	10.00 AM	White
J	Fri	3.00 PM	Grey

How many persons have seminar at 3'0 clock between G and H?

- A. 5
- B. 6
- C. 2
- D. 4
- E. None of these.

Answer

Answer – D. 4

Who among the following person has seminar at 10 A.M?

- A. C
- B. B
- C. D
- D. A
- E. E

Answer

Answer – E. E

Four among the following form a group in a certain way.

Which of the following does not belong to Group?

- A. G – Tuesday
- B. I – Wednesday
- C. F – Friday
- D. G – Wednesday
- E. E – Thursday

Answer

Answer – D. G – Wednesday

Who among the following likes Grey Colour?

- A. I
- B. J
- C. F
- D. D
- E. C

Answer

Answer – B. J

Who among the following have seminar on Thursday?

- A. I,E
- B. H,J
- C. F,A
- D. D,E
- E. E,C

Answer

Answer – C. F,A

I. Study the following information carefully to answer the given questions

Eight persons M, N, O, P, Q, R, S, and W have their exams on either 10th or 27th of four different months i.e March, April, May, June not necessarily in the same order. M has the exam on 10th of a month which is having 31 days. Only one person has the exam before N. Number of persons between M and N is one less than the number of persons between N and W. O and P have exams in the same month having 30 days, but not in April. R has the exam after S. Only three persons have exam between N and Q. O has the exam before P.

Explanation

Month Date Person

March	10	M
March	27	N
April	10	S
April	27	W
May	10	R
May	27	Q
June	10	O
June	27	P

How many persons have exam between S and W?

- A. Three
- B. Two
- C. Four
- D. Five
- E. No one

Answer

Answer – E. No one

Which of the following statements is/are true according to the given information?

- A. Q has exam immediately after M.
- B. M has exam on 27th of June.
- C. O has exam immediately after Q.
- D. Only one person has exam between O and P.
- E. All the statements are true.

Answer

Answer – C. O has exam immediately after Q.

Who among the following has exam on 27th May?

- A. N
- B. R
- C. Q
- D. O
- E. No one

Answer

Answer – C. Q

Four of the following five are alike in a certain way and so form a group. Which one does not belong to that group?

- A. O
- B. R
- C. M
- D. Q
- E. S

Answer

Answer – D. Q

Who among the following has exam on 10th March?

- A. R

- B. P
C. N
D. Q
E. M

Answer

Answer – E. M

II. Study the following information carefully to answer the given questions

There are eight persons namely A, B, C, D, E, F, G and H has born in the same month of different year i.e. 1969, 1972, 1978, 1981, 1989, 1997, 2000 and 2005. Their age are considered as on the same month of 2017. G is born in even number year, but not born in the year, which does not divisible by 4. A is 36 years old now. B is 17 year older than F, who is 8 years younger than A. There are eight years gap between age of E and age of D. H is nine year younger than C, but not born in 2005. E was born earlier than G

Explanation

Person Year

C	1969
B	1972
H	1978
A	1981
F	1989
E	1997
G	2000
D	2005

Who amongst the following was born in 2000?

- A. E
B. A
C. B
D. G
E. F

Answer

Answer – D. G

Which of the following is true as per the given arrangement?

- A. D – 1997
B. A – 1972
C. A – 1989
D. D – 2005

E. None of the given options is true

Answer

Answer – D. G

What is the age difference between A and H?

- A. Three
B. Four
C. Two
D. One
E. None of these

Answer

Answer – A. Three

How many persons born between H and D?

- A. Three
B. Two
C. Four

D. Five

E. No one

Answer

Answer – C. Four

E was born in?

A. 1969

B. 1972

C. 1978

D. 1981

E. 1997

Answer

Answer – E. 1997

II. Study the following information carefully to answer the given questions

Seven people A, B, C, D, E, F and G were appointed to a company on seven different days of the same week starting from Monday to Sunday (but not necessarily in the same order). Each person also plays a different game namely – Cricket, Hockey, Football, Squash, Volleyball, Tennis and Kho-Kho. (but not necessarily in the same order). Each person has a different number of medals starting from 1 to 9.

There are four persons play between the person who has the maximum number of medals and the person who has the minimum number of medals. Only two people were appointed after the one who plays Hockey. The persons who play on Sunday and Monday don't have the maximum number of medals while the persons who play on Saturday and Tuesday don't have the minimum number of medals. E was appointed on one of the days after the one who plays Hockey. Only three people were appointed between E and G. Only one person was appointed between G and the one who plays Volleyball. The difference between the total number of medals secured by the person D and F is one. A was appointed immediately after the one who plays volleyball. only three people were appointed after the one who plays Kho-Kho. C was appointed immediately after F but not on Friday. The number of medals secured by Person A is the square of the number of medals secured by B. Total number of medals secured by the person who plays Hockey is the multiple of the number of medals secured by G and B. Only one people was appointed between F and the one who plays cricket. B was appointed immediately after the one who plays cricket. More than two people were appointed between D and the one who plays tennis. E does not play Football and Tennis. Person D secured more medals than the Person F. The number of medals secured by Person C is the Square of the number of medals secured by G. Total number of medals secured by G is less than 3. The total number of medals secured by B is less than 4.

Explanation

Days	Persons	Sports	Number of Medals
Monday	D	Volley Ball	7
Tuesday	A	Foot Ball	9
Wednesday	G	Cricket	2
Thursday	B	Kho – Kho	3
Friday	F	Hockey	6
Saturday	C	Tennis	4

Sunday E Squash 1

Who amongst the following was appointed on Thursday?

- A. The one who plays Kho-Kho
- B. A
- C. B
- D. The one who plays Cricket
- E. F

Answer

Answer – C. B

Which of the following statements is true as per the given arrangement?

- A. Only one person was appointed between F and the one who plays Squash
- B. Only three people were appointed before C
- C. A Secured 8 medals.
- D. B was appointed on Saturday
- E. None of the given options is true

Answer

Answer – A. Only one person was appointed between F and the one who plays Squash

The person who plays Volley Ball was appointed on which of the following days?

- A. Thursday
- B. Tuesday
- C. Sunday
- D. Monday
- E. Saturday

Answer

Answer – D. Monday

Which of the following combinations will be definitely true as per the given arrangement?

- A. C – Squash – 6
- B. Thursday – D – Tennis
- C. Saturday – Cricket – 7
- D. Monday – Volleyball – 7
- E. F – Kho-kho – 4

Answer

Answer – D. Monday – Volleyball – 7

B secured how many medals?

- A. Two
- B. One
- C. Three
- D. Four
- E. None as G was appointed on Monday

Answer

Answer – C. Three

Study the following information carefully and answer the questions which follow–

Five friends A, B, C, D and E like five shoes of different companies-Puma, Adidas, Reebok, Woodland, and Nike. They play five different games i.e., Football, Cricket, Kabaddi, Badminton and Tennis. They earn different salaries i.e., Rs. 15000, Rs. 20000, Rs. 24000, Rs. 18000 and Rs. 25000.

- The one, who likes Puma shoes, earns Rs. 18000.
- D earns Rs. 5000 more than A but does not play Kabaddi and Tennis & D does not like Woodland shoes.
- The one, who plays Badminton does not earn highest amount but like Reebok shoes.

- B plays cricket but does not like Nike and Adidas shoes.
- E does not play Badminton but likes Nike shoes and earns Rs. 15000.
- C either likes Woodland or Adidas shoe but does not play Tennis

Q1. Which of the following person plays Football?

- (a) A
- (b) C
- (c) D
- (d) E
- (e) Either D or E

Q2. Which of the following combination is true?

- (a) Adidas – Rs. 25000
- (b) Tennis – Rs. 20000
- (c) C – Kabaddi
- (d) Puma – Football
- (e) More than one of the above

Q3. Which of the following statement is true?

- (a) D likes Adidas
- (b) A earns Rs. 15000
- (c) E plays Kabaddi
- (d) The one who plays Football earns Rs. 24000
- (e) More than one of the above

Q4. Who among the following likes Puma?

- (a) A
- (b) C
- (c) D
- (d) B
- (e) Cannot be determined

Q5. Who among the following earns highest salary?

- (a) A
- (b) B
- (c) C
- (d) D
- (e) None of these

Solution (1-5):

FRIENDS	SHOE BRAND	GAMES	SALARY
A	Reebok	Badminton	20,000
B	Puma	Cricket	18,000
C	Woodland	Kabaddi	24,000
D	Adidas	Football	25,000
E	Nike	Tennis	15,000

S1. Ans.(c)

Sol.

S2. Ans.(e)

Sol.

S3. Ans.(a)

Sol.

S4. Ans.(d)

Sol.

S5. Ans.(d)

Sol.

There are seven teachers – M, N, O, P, Q, R and S – who teach different subjects viz- Hindi, English, Math, Science, Physics, Chemistry and Biology but not necessarily in the same order. They teach on different days of the week starting from Monday. Also they also like different colours, viz- Red, Green, Black, White, Yellow, Violet and Orange but not necessarily in the same order.

N, who likes Violet, teaches on the fourth day of the week but neither Hindi nor Biology. Two persons teach between the days on which N and R teach and neither of them teach on the 1st day of the week. There is only one person teach between the days on which M and O teaches. But O does not teach either on 1st or 3rd day of the week. O likes Green and teaches Hindi. The one, who teaches Math, teaches on the last day of the week and like Black. P does not teach on the day either immediately before or immediately after the day on which M teach, who doesn't like either Yellow or Red or White.

S teaches immediately after O and he likes Red. Q teaches Chemistry and he doesn't like yellow. M does not teach either Physics or Science. The one who teaches English takes class immediately after the day when Hindi has been taught.

Days	Teacher	Colour	Subject
Monday	P	Yellow	Science/ Physics
Tuesday	Q	White	Chemistry
Wednesday	M	Orange	Biology
Thursday	N	Violet	Science/ Physics
Friday	O	Green	Hindi
Saturday	S	Red	English
Sunday	R	Black	Math

Q1. Which of the following combinations is definitely false?

- (a) O – Green – Hindi
- (b) M – Orange –Biology
- (c) Q – White –Chemistry
- (d) R – Green – Hindi**
- (e) None of these

Q2. Who among the following teaches on the 5th day of the week?

- (a) The person who likes Orange
- (b) The person who teaches Math
- (c) The person who teaches Hindi**
- (d) The person who likes White
- (e) None of these

Q3. Who teaches Science?

- (a) The person who likes Violet
- (b) The person who likes Orange
- (c) The person who likes Yellow
- (d) Either the person who likes Yellow or the person who likes Violet**

(e) None of these

Q4. If 'N' is related to 'Green' and 'S' is related to 'Black' then which of the following is 'M' related to?

- (a) Yellow
- (b) Violet**
- (c) White
- (d) Orange
- (e) None of these

Q5. Who teaches Physics?

- (a) The person who teaches on fourth day of the week
- (b) The person who teaches just before Q
- (c) The person who teaches just after Q
- (d) Can't be determined**
- (e) None of these