

Distribution - 2

Directions (1-5) Read the following passage and answer the given questions.

Five male – an Engineer, a Doctor, an architect, a lawyer and a Sportsman are married to 5 Females - Dentist, an Engineer, a secretary, a housewife and a Teacher not necessarily in the same order. Further Information is as follows :

1. No one is married to a person of the same profession.
2. Neither the Dentist nor the secretary is married to the Doctor or the Architect.
3. The Sportsman's wife is a Housewife.
4. The architect is not married to the teacher.
5. The Dentist's husband does not have the same profession as the Architect's wife.
6. Architect and Engineer both are different professions.

Q1 Who is the wife of a Lawyer?

- | | |
|---------------|--------------|
| (A) Secretary | (B) Teacher |
| (C) Dentist | (D) Engineer |

Q2 Choose the correct statement –

- (A) The lawyer is married to the secretary.
- (B) The sportsman is married to the engineer.
- (C) The Architect's wife has the same profession as the secretary's husband.
- (D) The Dentist is married to the Doctor.

Q3 What is the profession of the Doctor's wife?

- | | |
|---------------|---------------|
| (A) Teacher | (B) Secretary |
| (C) Housewife | (D) Engineer |

Q4 Who is the wife of an Engineer?

- | |
|---------------|
| (A) Secretary |
| (B) Teacher |

- (C) Architect
(D) Data insufficient

Q5 Who is the husband of the Secretary?

- | |
|-----------------------|
| (A) Doctor |
| (B) Engineer |
| (C) Architect |
| (D) Data insufficient |

Directions (6-10) Read the following passage and answer the given questions.

Six students- A, B, C, D, E and F joined six different institutes XLRI, IIFT, IRMA, FMS, SRCC and NIBM and opted for six different specialisations- GM, Marketing, HR, IT, Operations and Finance. Each of them has a different graduation degree among- B.A., B. Sc., B. Com., B.B.A., B. Tech and B. Arch.

It is also known that-

1. A joined NIBM, C did B. Arch., and B took up HR.
2. D joined IIFT and did not take up marketing or IT and is not a B.Tech.
3. F did B.A. and has taken Finance.
4. The student who joined SRCC opted for HR and is not a B.A. or a B.Sc.
5. The student, who did B.Arch., joined FMS and took IT. Whereas, the person, who did B. Com., took up GM.
6. The student who did B.Tech., has taken Operations and did not join XLRI or IRMA.

Q6 What is the correct combination for student D?

- | |
|------------------------------|
| (A) IIFT, B.Sc. and Finance |
| (B) IIFT, B. Com. and GM |
| (C) IIFT, B.B.A. and Finance |
| (D) None of these |



Directions (11-15) Read the following passage and answer the given questions.

David, Joginder, Rahul, Negi and Khanduri went to different places among Kanpur, Lucknow, Varanasi, Faizabad and Allahabad, but not necessarily in the same order. Each of them stayed in a different hotel among Clarks Awadh, Shane Awadh, Gulmohar, Chandan Hotel and Yatri Niwas. Each of these hotels is either an AC hotel or a Non - AC hotel. The following information is also known.

- (i) David went to Varanasi , stayed in a Non-AC hotel but did not stay in the Gulmohar Hotel.
 - (ii) The person who went to Kanpur stayed in Clarks Awadh Hotel.
 - (iii) Among these five hotels the number of Non-AC hotels is more than the number of AC hotels.
 - (iv) Chandan Hotel and Yatri Niwas are AC hotels.
 - (v) Rahul stayed in a Non-AC hotel which is neither in Kanpur nor in Lucknow.
 - (vi) Negi went to Allahabad and stayed in an AC hotel which is not Chandan Hotel.
 - (vii) Khanduri did not stay in a Non-AC hotel.

- Q11** Who stayed in Hotel Clarks Awadh ?
(A) Joginder (B) Khanduri
(C) Rahul (D) Neai

- Q12** Which of the following is the correct combination of hotel, place and person respectively?

(A) Joginder – Kanpur – Clarks Awadh
(B) Chandan Hotel – Lucknow – Negi
(C) Gulmohar – Faizabad– Joginder
(D) None of These

Q13 Choose the odd one out among the following-

(A) Joginder (B) Negi
(C) Rahul (D) David

Q14 Who went to Faizabad?

(A) Joginder (B) Khanduri
(C) Rahul (D) Negi

Q15 Where is the hotel, Shane Awadh?

(A) Lucknow (B) Varanasi
(C) Faizabad (D) Allahabad

Directions (16-20) Read the following passage and answer the given questions.

Five parents Mr. Anand, Mr. Banerjee, Mr. Chand, Mr. Dua and Mr. Elengovan applied for getting their kids admitted to classes 1, 2, 3, 4 and 5 not in any particular order. Their children were Aakash, Bipin, Chandra, Dheeraj and Elenor not in any particular order and the applications were to Anne Mary, Bluebird, Children's academy, Doon Scottish academy and English school not in any order. Further information is as follows:

1. The application by Mr. Chand was for Bluebird School.
 2. Aakash's father is neither Mr. Dua nor Elengovan and his application was for Class 3.
 3. The application submitted to Anne Mary was for class 2 but was not for either Chandra or Dheeraj.
 4. Bipin's father is Mr. Anand.
 5. Mr. Dua submitted an application to Doon Scottish academy for his child's admission to class 5th.



6. The English School will only accept admissions in class 1.
 7. Elenor's application was submitted to the Children's academy.
 8. There was no Parent child combination where the names started with the same alphabet.

Q16 The Bluebird school received an application from which child?

- (A) Aakash (B) Bipin
(C) Elenor (D) Dheeraj

Q17 Who is the father of Dheerqi?

- (A) Mr. Dua (B) Mr. Chand
(C) Mr. Anand (D) Mr. Flenagovan

Q18 Mr. Chand is the parent of which child?

- (A) Aakash (B) Bipin
(C) Chandra (D) Dheeraj

Q19 To which class was Chandra's application submitted?

- (A) Class 2 (B) Class 3
(C) Class 4 (D) Class 5

Q20 Which parent submitted application to the English School ?

- (A) Mr. Dua (B) Mr. Elengovan
(C) Mr. Anand (D) Mr. Chand

Directions (21-25) Read the following passage and answer the given questions.

Six candidates from six different parties were in the fray for the seat in the assembly elections. The candidates were Mr. Gupta, Mr. Shukla, Mr. Bimal, Ms. Santosh, Mr. Vinod Pal and Mr. Ashok and were representing SBP, PBJ, PS, PC, DA and RP not in any particular order. Their party symbols were Cycle, Lantern, Elephant, Lotus, Sword and Flag not in any particular order. Further information is as follows :

1. The candidate representing PBJ got the maximum votes.
 2. Mr. Shukla and Mr. Ashok were not among the first 3 places and neither had the

Elephant as the party symbol.

3. The candidate representing the Party with the Elephant symbol finished 6th.
 4. Ms. Santosh representing the SBP was placed 3rd.
 5. Mr. Vinod Pal represented the party with the Flag symbol.
 6. Mr. Gupta represented the PC party and had the Sword as the symbol.
 7. Lantern was the symbol of the DA party.
 8. The RP party got more votes than the DA party.

Q21 If Lotus is the symbol of the SBP party, what will be the symbol of the RP party?

- (A) Cycle
 - (B) Flag
 - (C) Sword
 - (D) Lantern

Q22 If Mr. Shukla represents the party with the symbol Cycle, then who represents the party with the Lotus symbol?

- (A) Vinod Pal (B) Santosh
(C) Bimal (D) Ashok

Q23 Which party got the least number of votes?

- (A) PS
 - (B) DA
 - (C) RP
 - (D) Data insufficient

Q24 What was the symbol of the party that was placed 5th in the elections?

- (A) Cycle
 - (B) Lantern
 - (C) Lotus
 - (D) Data insufficient

Q25 Which party does Mr. Ashok represent?

- (A) PS
 - (B) RP
 - (C) DA
 - (D) Data insufficient

Directions (26-30) Read the following passage and answer the given questions.



Ram, Raheem, Honey, Preet, Radhey and Asharam participated in a Maths quiz. They specialised in Differential Calculus (DC), Integral Calculus (IC), Differential Equations (DE), Tensor Calculus (TC), Vector Calculus (VC) and Modern Algebra (MA) but not necessarily in the same order. They are from 6 different states namely UP, MP, Bihar, Rajasthan, Orissa and Gujarat but in no particular order. Three of them are less than 55 years old and three of them are more than 55 years old. Each of them got a unique rank among 1, 2, 3, 4, 5 and 6 in the quiz. It is also known that-

1. Oldest of all the participants specialised in IC and belongs to Rajasthan.
 2. Radhey – an expert in VC, finished 4th and is not from Gujrat.
 3. The participant from Orissa is specialised in DC and is more than 55 years old.
 4. Rahim was ranked higher than at least 3 participants.
 5. The youngest participant Asharam specialised in DE.
 6. The participant from Bihar was ranked 1st while the MA specialist was ranked 2.
 7. The rank of Ram in the quiz was immediately after the Preet.
 8. Honey belongs to UP.

9. Incidentally, all the participants were ranked in the quiz in the ascending order of their ages.

- Q26** If Rahim was ranked 3rd in the quiz, which field did he specialise in?

- Q27** Rahim is specialised in

- (A) TC
 - (B) DC
 - (C) MA
 - (D) Cannot be determined

- Q28** Preet is specialised in

- (A) TC (B) MA
(C) DC (D) IC

- Q29** To which state does Radhey belong ?

- (A) MP (B) Orissa
(C) Rajasthan (D) Bihar

- Q30** Which of the following statements is definitely false?

- (A) The second oldest participant is from Orissa.
 - (B) Rahim specialised in TC.
 - (C) Honey specialised in MA
 - (D) Preet is less than 55 years old.



Answer Key

Q1 (C)
Q2 (C)
Q3 (A)
Q4 (A)
Q5 (B)
Q6 (B)
Q7 (A)
Q8 (B)
Q9 (B)
Q10 (D)
Q11 (A)
Q12 (A)
Q13 (B)
Q14 (C)
Q15 (B)

Q16 (A)
Q17 (D)
Q18 (A)
Q19 (D)
Q20 (B)
Q21 (A)
Q22 (B)
Q23 (A)
Q24 (B)
Q25 (D)
Q26 (D)
Q27 (D)
Q28 (C)
Q29 (A)
Q30 (D)



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Hints & Solutions

Q1. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By conditions 1, 3 and 4 we get

Male	Female
Sportsman	Housewife
Lawyer	
Engineer	~ Engineer
Architect	~ Teacher
Doctor	

By condition 2 we get,

Male	Female
Sportsman	Housewife
Lawyer	
Engineer	~ Engineer
Architect	~ Teacher ~ Secretary ~ Dentist
Doctor	~ Secretary ~ Dentist

The only possibility is that the Architect is married to an Engineer, the Doctor is married to a Teacher, an Engineer is married to a Secretary and at last the lawyer is married to Dentist.

Now we have the following table –

Male	Female
Sportsman	Housewife
Lawyer	Dentist
Engineer	Secretary
Architect	Engineer
Doctor	Teacher

Lawyer is married to Dentist.

Hence option c.

Q2. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By conditions 1, 3 and 4 we get

Male	Female
Sportsman	Housewife
Lawyer	
Engineer	~ Engineer
Architect	~ Teacher
Doctor	

By condition 2 we get,

Male	Female
Sportsman	Housewife
Lawyer	
Engineer	~ Engineer
Architect	~ Teacher ~ Secretary ~ Dentist
Doctor	~ Secretary ~ Dentist

The only possibility is that the Architect is married to an Engineer, the Doctor is married to a Teacher, an Engineer is married to a Secretary and at last the lawyer is married to Dentist.

Now we have the following table –

Male	Female
Sportsman	Housewife
Lawyer	Dentist
Engineer	Secretary
Architect	Engineer
Doctor	Teacher

Among the choices given, only option 3 is correct.

Q3. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By conditions 1, 3 and 4 we get

Male	Female
Sportsman	Housewife
Lawyer	



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Engineer	~ Engineer
Architect	~ Teacher
Doctor	

By condition 2 we get,

Male	Female
Sportsman	Housewife
Lawyer	
Engineer	~ Engineer
Architect	~ Teacher ~ Secretary ~ Dentist
Doctor	~ Secretary ~ Dentist

The only possibility is that the Architect is married to an Engineer, the Doctor is married to a Teacher, an Engineer is married to a Secretary and at last the lawyer is married to Dentist.

Now we have the following table –

Male	Female
Sportsman	Housewife
Lawyer	Dentist
Engineer	Secretary
Architect	Engineer
Doctor	Teacher

In the above table, the Doctor's wife is a teacher.

Hence option a.

Q4. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By conditions 1, 3 and 4 we get

Male	Female
Sportsman	Housewife
Lawyer	
Engineer	~ Engineer
Architect	~ Teacher
Doctor	

By condition 2 we get,

Male	Female

Sportsman	Housewife
Lawyer	
Engineer	~ Engineer
Architect	~ Teacher ~ Secretary ~ Dentist
Doctor	~ Secretary ~ Dentist

The only possibility is that the Architect is married to an Engineer, the Doctor is married to a Teacher, an Engineer is married to a Secretary and at last the lawyer is married to Dentist. Now we have the following table –

Male	Female
Sportsman	Housewife
Lawyer	Dentist
Engineer	Secretary
Architect	Engineer
Doctor	Teacher

In the above table, the Engineer is married to the Secretary.

Hence option a.

Q5. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By conditions 1, 3 and 4 we get

Male	Female
Sportsman	Housewife
Lawyer	
Engineer	~ Engineer
Architect	~ Teacher
Doctor	

By condition 2 we get,

Male	Female



	~ Dentist
Doctor	~ Secretary ~ Dentist

The only possibility is that the Architect is married to an Engineer, the Doctor is married to a Teacher, an Engineer is married to a Secretary and at last the lawyer is married to Dentist. Now we have the following table –

Male	Female
Sportsman	Housewife
Lawyer	Dentist
Engineer	Secretary
Architect	Engineer
Doctor	Teacher

In the above table, the Secretary is the wife of an Engineer.

Hence option b

Q6. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By (1), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D			
E			
F			

By (2), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D	IIFT	~B.Tech	~Marketing ~IT
E			
F			

By (3), we have

Student	Institute	Graduation	Specialisation
A			

A	NIBM		
B			HR
C		B.Arch	
D	IIFT	~B.Tech	~Marketing ~IT
E			
F		B.A.	Finance

By (4), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B	SRCC	~B.Sc. ~B.A	HR
C		B.Arch	
D	IIFT	~B.Tech	~Marketing ~IT
E			
F		B.A.	Finance

By (5) , we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B	SRCC	~B.Sc. ~B.A	HR
C	FMS	B.Arch	IT
D	IIFT	~B.Tech	~Marketing ~IT
E			
F		B.A.	Finance

The combination B. Com – GM → Student A, D or E are the possibilities.

By condition 6, B.Tech. – Operations ~XLRI, ~IRMA. Student A is the possibility for this combination.

The person who specialized in Marketing will be E then the possible combination for D will be GM - B.Com.

Possible combination for E will be B.Sc - Marketing.

Let us summarise all the informations in the following matrix

Student	Institute	Graduation	Specialisation
A	NIBM	B.Tech	Operations



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B	SRCC	BBA	HR
C	FMS	B.Arch	IT
D	IIFT	B.Com	GM
E	XLRI/IRMA	B.Sc	Marketing
F	IRMA/XLRI	B.A.	Finance

Now we can answer all the questions.

By the above table, D \rightarrow IIFT \rightarrow GM \rightarrow B. Com. is the correct combination. Hence option B.

Q7. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By (1), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D			
E			
F			

By (2), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D	IIFT	\sim B.Tech	\sim Marketing \sim IT
E			
F			

By (3), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D	IIFT	\sim B.Tech	\sim Marketing \sim IT
E			
F		B.A.	Finance

By (4), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			
C			
D			
E			
F			

A	NIBM		
B	SRCC	\sim B.Sc. \sim B.A	HR
C		B.Arch	
D	IIFT	\sim B.Tech	\sim Marketing \sim IT
E			
F		B.A.	Finance

By (5) , we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B	SRCC	\sim B.Sc. \sim B.A	HR
C	FMS	B.Arch	IT
D	IIFT	\sim B.Tech	\sim Marketing \sim IT
E			
F		B.A.	Finance

The combination B. Com – GM \rightarrow Student A, D or E are the possibilities.

By condition 6, B.Tech. – Operations \sim XLRI, \sim IRMA. Student A is the possibility for this combination.

The person who specialized in Marketing will be E then the possible combination for D will be GM - B.Com.

Possible combination for E will be B.Sc - Marketing.

Let us summarise all the informations in the following matrix

Student	Institute	Graduation	Specialisation
A	NIBM	B.Tech	Operations
B	SRCC	BBA	HR
C	FMS	B.Arch	IT
D	IIFT	B.Com	GM
E	XLRI/IRMA	B.Sc	Marketing
F	IRMA/XLRI	B.A.	Finance

From the above table, A \rightarrow NIBM \rightarrow Operations \rightarrow B.Tech is the correct combination.

Hence option a.

Q8. Text Solution:



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Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By (1), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D			
E			
F			

By (2), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D	IIFT	~B.Tech	~Marketing ~IT
E			
F			

By (3), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D	IIFT	~B.Tech	~Marketing ~IT
E			
F		B.A.	Finance

By (4), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B	SRCC	~B.Sc. ~B.A	HR
C		B.Arch	
D	IIFT	~B.Tech	~Marketing ~IT
E			
F		B.A.	Finance

By (5), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B	SRCC	~B.Sc. ~B.A	HR
C	FMS	B.Arch	IT
D	IIFT	~B.Tech	~Marketing ~IT
E			
F		B.A.	Finance

The combination B. Com – GM → Student A, D or E are the possibilities.

By condition 6, B.Tech. – Operations ~XLRI, ~IRMA. Student A is the possibility for this combination.

The person who specialized in Marketing will be E then the possible combination for D will be GM – B.Com.

Possible combination for E will be B.Sc – Marketing.

Let us summarise all the informations in the following matrix

Student	Institute	Graduation	Specialisation
A	NIBM	B.Tech	Operations
B	SRCC	BBA	HR
C	FMS	B.Arch	IT
D	IIFT	B.Com	GM
E	XLRI/IRMA	B.Sc	Marketing
F	IRMA/XLRI	B.A.	Finance

If F joined IRMA, then E must join XLRI and opt for Marketing.

Hence option b.

Q9. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By (1), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D			



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E			
F			

By (2), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D	IIFT	~B.Tech	~Marketing ~IT
E			
F			

By (3), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D	IIFT	~B.Tech	~Marketing ~IT
E			
F		B.A.	Finance

By (4), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B	SRCC	~B.Sc. ~B.A	HR
C		B.Arch	
D	IIFT	~B.Tech	~Marketing ~IT
E			
F		B.A.	Finance

By (5) , we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B	SRCC	~B.Sc. ~B.A	HR
C	FMS	B.Arch	IT
D	IIFT	~B.Tech	~Marketing ~IT
E			
F		B.A.	Finance

The combination B. Com – GM → Student A, D or E are the possibilities.

By condition 6, B.Tech. – Operations ~XLRI, ~IRMA. Student A is the possibility for this combination.

The person who specialized in Marketing will be E then the possible combination for D will be GM - B.Com.

Possible combination for E will be B.Sc - Marketing.

Let us summarise all the informations in the following matrix

Student	Institute	Graduation	Specialisation
A	NIBM	B.Tech	Operations
B	SRCC	BBA	HR
C	FMS	B.Arch	IT
D	IIFT	B.Com	GM
E	XLRI/IRMA	B.Sc	Marketing
F	IRMA/XLRI	B.A.	Finance

By the above table, the graduation degree of E is B. Sc.

Hence option b.

Q10. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By (1), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D			
E			
F			

By (2), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D	IIFT	~B.Tech	~Marketing ~IT



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E			
F			

By (3), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B			HR
C		B.Arch	
D	IIFT	~B.Tech	~Marketing ~IT
E			
F		B.A.	Finance

By (4), we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B	SRCC	~B.Sc. ~B.A	HR
C		B.Arch	
D	IIFT	~B.Tech	~Marketing ~IT
E			
F		B.A.	Finance

By (5) , we have

Student	Institute	Graduation	Specialisation
A	NIBM		
B	SRCC	~B.Sc. ~B.A	HR
C	FMS	B.Arch	IT
D	IIFT	~B.Tech	~Marketing ~IT
E			
F		B.A.	Finance

The combination B. Com – GM → Student A, D or E are the possibilities.

By condition 6, B.Tech. – Operations ~XLRI, ~IRMA. Student A is the possibility for this combination.

The person who specialized in Marketing will be E then the possible combination for D will be GM - B.Com.

Possible combination for E will be B.Sc - Marketing.

Let us summarise all the informations in the following matrix

Student	Institute	Graduation	Specialisation
A	NIBM		Operations
B	SRCC	BBA	HR
C	FMS	B.Arch	IT
D	IIFT	B.Com	GM
E	XLRI/IRMA	B.Sc	Marketing
F	IRMA/XLRI	B.A.	Finance

From the above table, A did B. Tech.

Hence option d.

Q11. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By condition (iii) and (iv) we get, the number of AC Hotels = 2 and Number of Non-AC Hotels = 3
AC Hotels = Chandan Hotel and Yatri Niwas
Non-AC Hotels = Clarks Awadh, Shane Awadh, Gulmohar

By condition (i) and (vi)

Person	City	Hotel	Type of Hotel
David	Varanasi	~ Gulmohar	Non-AC
Joginder			
Rahul			
Negi	Allahabad	Yatri Niwas	AC Hotel
Khanduri			

By condition (v) and (vii)

Person	City	Hotel	Type of Hotel
David	Varanasi	~ Gulmohar	Non AC
Joginder			Non AC
Rahul	~ Kanpur ~ Lucknow The only possibility is Faizabad	~ Clarks Awadh	Non AC
Negi	Allahabad	Yatri Niwas	AC
Khanduri		Chandan Hotel Which is the only possibility.	AC

Using the rest of the conditions, we can have –



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Person	City	Hotel	Type of Hotel
David	Varanasi	Shane Awadh	Non AC
Joginder	Kanpur	Clarks Awadh	Non AC
Rahul	Faizabad	Gulmohar	Non AC
Negi	Allahabad	Yatri Niwas	AC
Khanduri	Lucknow	Chandan Hotel	AC

Joginder stayed in Clarks Awadh.

Hence option A.

Q12. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By condition (iii) and (iv) we get, the number of AC Hotels = 2 and Number of Non-AC Hotels = 3
 AC Hotels = Chandan Hotel and Yatri Niwas
 Non-AC Hotels = Clarks Awadh, Shane Awadh, Gulmohar

By condition (i) and (vi)

Person	City	Hotel	Type of Hotel
David	Varanasi	~ Gulmohar	Non-AC
Joginder			
Rahul			
Negi	Allahabad	Yatri Niwas	AC Hotel
Khanduri			

By condition (v) and (vii)

Person	City	Hotel	Type of Hotel
David	Varanasi	~ Gulmohar	Non AC
Joginder			Non AC
Rahul	~ Kanpur ~ Lucknow The only possibility is Faizabad	~ Clarks Awadh	Non AC
Negi	Allahabad	Yatri Niwas	AC
Khanduri		Chandan Hotel Which is the only possibility.	AC

Using the rest of the conditions, we can have -

Person	City	Hotel	Type of Hotel
David	Varanasi	Shane Awadh	Non AC
Joginder	Kanpur	Clarks Awadh	Non AC
Rahul	Faizabad	Gulmohar	Non AC
Negi	Allahabad	Yatri Niwas	AC
Khanduri	Lucknow	Chandan Hotel	AC

Option a is the correct answer.

Q13. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By condition (iii) and (iv) we get, the number of AC Hotels = 2 and Number of Non-AC Hotels = 3
 AC Hotels = Chandan Hotel and Yatri Niwas
 Non-AC Hotels = Clarks Awadh, Shane Awadh, Gulmohar

By condition (i) and (vi)

Person	City	Hotel	Type of Hotel
David	Varanasi	~ Gulmohar	Non-AC
Joginder			
Rahul			
Negi	Allahabad	Yatri Niwas	AC Hotel
Khanduri			

By condition (v) and (vii)

Person	City	Hotel	Type of Hotel
David	Varanasi	~ Gulmohar	Non AC
Joginder			Non AC
Rahul	~ Kanpur ~ Lucknow The only possibility is Faizabad	~ Clarks Awadh	Non AC
Negi	Allahabad	Yatri Niwas	AC
Khanduri		Chandan Hotel Which is the only possibility.	AC

Using the rest of the conditions, we can have -

Person	City	Hotel	Type of Hotel
David	Varanasi	Shane Awadh	Non AC
Joginder	Kanpur	Clarks Awadh	Non AC
Rahul	Faizabad	Gulmohar	Non AC
Negi	Allahabad	Yatri Niwas	AC
Khanduri	Lucknow	Chandan Hotel	AC

Except Negi, Rest stayed in a Non-AC hotel.



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Hence option B.

Q14. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By condition (iii) and (iv) we get, the number of AC Hotels = 2 and Number of Non-AC Hotels = 3

AC Hotels = Chandan Hotel and Yatri Niwas
Non-AC Hotels = Clarks Awadh, Shane Awadh, Gulmohar

By condition (i) and (vi)

Person	City	Hotel	Type of Hotel
David	Varanasi	~ Gulmohar	Non-AC
Joginder			
Rahul			
Negi	Allahabad	Yatri Niwas	AC Hotel
Khanduri			

By condition (v) and (vii)

Person	City	Hotel	Type of Hotel
David	Varanasi	~ Gulmohar	Non AC
Joginder			Non AC
Rahul	~ Kanpur ~ Lucknow The only possibility is Faizabad	~ Clarks Awadh	Non AC
Negi	Allahabad	Yatri Niwas	AC
Khanduri		Chandan Hotel Which is the only possibility.	AC

Using the rest of the conditions, we can have -

Person	City	Hotel	Type of Hotel
David	Varanasi	Shane Awadh	Non AC
Joginder	Kanpur	Clarks Awadh	Non AC
Rahul	Faizabad	Gulmohar	Non AC
Negi	Allahabad	Yatri Niwas	AC
Khanduri	Lucknow	Chandan Hotel	AC

Rahul went to Faizabad.

Hence option C.

Q15. Text Solution:

Please note that the negation symbol indicates that the particular object cannot be associated with the reference parameter.

By condition (iii) and (iv) we get, the number of AC Hotels = 2 and Number of Non-AC Hotels = 3

AC Hotels = Chandan Hotel and Yatri Niwas
Non-AC Hotels = Clarks Awadh, Shane Awadh, Gulmohar

By condition (i) and (vi)

Person	City	Hotel	Type of Hotel
David	Varanasi	~ Gulmohar	Non-AC
Joginder			
Rahul			
Negi	Allahabad	Yatri Niwas	AC Hotel
Khanduri			

By condition (v) and (vii)

Person	City	Hotel	Type of Hotel
David	Varanasi	~ Gulmohar	Non AC
Joginder			Non AC
Rahul	~ Kanpur ~ Lucknow The only possibility is Faizabad	~ Clarks Awadh	Non AC
Negi	Allahabad	Yatri Niwas	AC
Khanduri		Chandan Hotel Which is the only possibility.	AC

Using the rest of the conditions, we can have -

Person	City	Hotel	Type of Hotel
David	Varanasi	Shane Awadh	Non AC
Joginder	Kanpur	Clarks Awadh	Non AC
Rahul	Faizabad	Gulmohar	Non AC
Negi	Allahabad	Yatri Niwas	AC
Khanduri	Lucknow	Chandan Hotel	AC

Hotel Shane Awadh is in Varanasi.

Hence option B.

Q16. Text Solution:

By the condition 8-

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,		~Akash	
Mr. Banerjee		~Bipin	
Mr. Chand		~Chandra	
Mr. Dua		~Dheeraj	
Mr. Elengovan		~Elenor	

By condition 1, 4 and 5-

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,		Bipin	
Mr. Banerjee		~Bipin	
Mr. Chand		~Chandra	Bluebird
Mr. Dua	5th	~Dheeraj	Doon Scottish Academy
Mr. Elengovan		~Elenor	

By condition 2

Akash ~ Mr. Dua,

Akash ~ Elengovan



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Akash – Class 3rd

By condition 6

English school – class 1st

By condition 7

Elenor – Children's Academy

As we can see,

Doon Scottish academy accepts admission for class 5, Anne mary for class 2, English school for class 1. Now we are left with class 3 and 4. Akash's Father submitted his son's admission for class 3 then we can say that Elenor's application was submitted to the Children's academy for class 4 which is only possible for Banerjee - class 4 - Elenor - Children's Academy.

Now we are left with bluebird and Akash – class 3 which is possible for Mr. Chand.

By using 3 we can say that Mr. Anand Submitted the application for Bipin to Anne Mary for class 2.

Using all above informations and rest of the conditions, we can have the following table-

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,	2	Bipin'	Anne Mary
Mr. Banerjee	4	Elenor	Children's academy
Mr. Chand	3	Aakash	Bluebird School
Mr. Dua	5	Chandra	Doon Scottish academy
Mr. Elengovan	1	Dheeraj	English School

By the above table, Aakash applied for Bluebird School.

Hence option A.

Q17. Text Solution:

By the condition 8-

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,		~Akash	
Mr. Banerjee		~Bipin	
Mr. Chand		~Chandra	
Mr. Dua		~Dheeraj	
Mr. Elengovan		~Elenor	

By condition 1, 4 and 5-

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,		Bipin	
Mr. Banerjee		~Bipin	
Mr. Chand		~Chandra	Bluebird
Mr. Dua	5th	~Dheeraj	Doon Scottish Academy
Mr. Elengovan		~Elenor	

By condition 2

Akash ~ Mr. Dua,

Akash ~ Elengovan

Akash – Class 3rd

By condition 6

English school – class 1st

By condition 7

Elenor – Children's Academy

As we can see,

Doon Scottish academy accepts admission for class 5, Anne mary for class 2, English school for class 1. Now we are left with class 3 and 4. Akash's Father submitted his son's admission for class 3 then we can say that Elenor's application was submitted to the Children's academy for class 4 which is only possible for Banerjee - class 4 - Elenor - Children's Academy.

Now we are left with bluebird and Akash – class 3 which is possible for Mr. Chand.

By using 3 we can say that Mr. Anand Submitted the application for Bipin to Anne Mary for class 2.

Using all above informations and rest of the conditions, we can have the following table -

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,	2	Bipin'	Anne Mary
Mr. Banerjee	4	Elenor	Children's academy
Mr. Chand	3	Aakash	Bluebird School
Mr. Dua	5	Chandra	Doon Scottish academy
Mr. Elengovan	1	Dheeraj	English School

According to the above table, Mr. Elengovan is the father of Dheeraj.

Hence option D.

Q18. Text Solution:

By the condition 8-

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,		~Akash	
Mr. Banerjee		~Bipin	
Mr. Chand		~Chandra	
Mr. Dua		~Dheeraj	
Mr. Elengovan		~Elenor	

By condition 1, 4 and 5-

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,		Bipin	
Mr. Banerjee		~Bipin	
Mr. Chand		~Chandra	Bluebird
Mr. Dua	5th	~Dheeraj	Doon Scottish Academy
Mr. Elengovan		~Elenor	

By condition 2

Akash ~ Mr. Dua,

Akash ~ Elengovan

Akash – Class 3rd

By condition 6



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English school – class 1st

By condition 7

Elenor – Children's Academy

As we can see,

Doon Scottish academy accepts admission for class 5, Anne Mary for class 2, English school for class 1. Now we are left with class 3 and 4. Akash's Father submitted his son's admission for class 3 then we can say that Elenor's application was submitted to the Children's academy for class 4 which is only possible for Banerjee - class 4 - Elenor - Children's Academy.

Now we are left with bluebird and Akash - class 3 which is possible for Mr. Chand.

By using 3 we can say that Mr. Anand Submitted the application for Bipin to Anne Mary for class 2.

Using all above informations and rest of the conditions, we can have the following table -

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,	2	Bipin'	Anne Mary
Mr. Banerjee	4	Elenor	Children's academy
Mr. Chand	3	Aakash	Bluebird School
Mr. Dua	5	Chandra	Doon Scottish academy
Mr. Elengovan	1	Dheeraj	English School

By the above table, Mr. Chand is the father of Aakash.

Hence option A.

Q19. Text Solution:

By the condition 8-

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,		~Akash	
Mr. Banerjee		~Bipin	
Mr. Chand		~Chandra	
Mr. Dua		~Dheeraj	
Mr. Elengovan		~Elenor	

By condition 1, 4 and 5-

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,		Bipin	
Mr. Banerjee		~Bipin	
Mr. Chand		~Chandra	Bluebird
Mr. Dua	5th	~Dheeraj	Doon Scottish Academy
Mr. Elengovan		~Elenor	

By condition 2

Aakash ~ Mr. Dua,

Aakash ~ Elengovan

Aakash – Class 3rd

By condition 6

English school – class 1st

By condition 7

Elenor – Children's Academy

As we can see,

Doon Scottish academy accepts admission for class 5, Anne Mary for class 2, English school for class 1. Now we are left with class 3 and 4. Akash's Father submitted his son's admission for class 3 then we can say that Elenor's application was submitted to the Children's academy for class 4 which is only possible for Banerjee - class 4 - Elenor - Children's Academy.

Now we are left with bluebird and Akash - class 3 which is possible for Mr. Chand.

By using 3 we can say that Mr. Anand Submitted the application for Bipin to Anne Mary for class 2.

Using all above informations and rest of the conditions, we can have the following table-

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,	2	Bipin'	Anne Mary
Mr. Banerjee	4	Elenor	Children's academy
Mr. Chand	3	Aakash	Bluebird School
Mr. Dua	5	Chandra	Doon Scottish academy
Mr. Elengovan	1	Dheeraj	English School

By the above table, Chandra applied for class 5th.

Hence option D.

Q20. Text Solution:

By the condition 8-

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,		~Akash	
Mr. Banerjee		~Bipin	
Mr. Chand		~Chandra	
Mr. Dua		~Dheeraj	
Mr. Elengovan		~Elenor	

By condition 1, 4 and 5-

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,		Bipin	
Mr. Banerjee		~Bipin	
Mr. Chand		~Chandra	Bluebird
Mr. Dua	5th	~Dheeraj	Doon Scottish Academy
Mr. Elengovan		~Elenor	

By condition 2

Aakash ~ Mr. Dua,

Aakash ~ Elengovan

Aakash – Class 3rd

By condition 6

English school – class 1st

By condition 7



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Elenor – Children's Academy

As we can see,

Doon Scottish academy accepts admission for class 5, Anne Mary for class 2, English school for class 1. Now we are left with class 3 and 4. Akash's Father submitted his son's admission for class 3 then we can say that Elenor's application was submitted to the Children's academy for class 4 which is only possible for Banerjee - class 4 - Elenor - Children's Academy.

Now we are left with bluebird and Akash - class 3 which is possible for Mr. Chand.

By using 3 we can say that Mr. Anand Submitted the application for Bipin to Anne Mary for class 2.

Using all above informations and rest of the conditions, we can have the following table -

PARENTS	CLASS	CHILDREN	SCHOOL
Mr. Anand,	2	Bipin'	Anne Mary
Mr. Banerjee	4	Elenor	Children's academy
Mr. Chand	3	Aakash	Bluebird School
Mr. Dua	5	Chandra	Doon Scottish academy
Mr. Elengovan	1	Dheeraj	English School

By the above table, Mr. Elengovan submitted an application for English School.

Hence option B.

Q21. Text Solution:

Let us start solving the set by deciding the rank. By (1), Rank 1 is associated with party PBJ and by 2 and 3, rank 6 is associated with the symbol Elephant and the possible rank of Shukla and Ashutosh is 4 or 5 in any order.

Rank	Party	Symbol	Person
1	PBJ		
2			
3			
4			Shukla/Ashok
5			Ashok/Shukla
6		Elephant	

By condition 4, Santosh is ranked 3 and his party is SBP

Rank	Party	Symbol	Person
1	PBJ		
2			
3	SBP		Santosh
4			Shukla/Ashok
5			Shukla/Ashok
6		Elephant	

By condition 5, the symbol of Vinod's party is Flag. So the possible rank of Vinod can be 1 or 2. But by condition 6, Gupta's party is PC and symbol is Sword. The only possible rank of Gupta is 2 as PBJ is rank 1. So we can conclude that

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP		Santosh
4			Shukla/Ashok
5			Shukla/Ashok
6		Elephant	

By condition 7 and 8, the rank of RP is better than DA and the symbol of DA is Lantern. So, possibility of DA is rank 5 and that of RP is 4. Thus, we have



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Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP		Santosh
4	RP		Shukla/Ashok
5	DA	Lantern	Shukla/Ashok
6		Elephant	

The only possibility for rank 6 is Bimal from party PS.

Hence, we have the following table-

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP	Lotus/Cycle	Santosh
4	RP	Lotus/Cycle	Shukla/Ashok
5	DA	Lantern	Shukla/Ashok
6	PS	Elephant	Bimal

By the above possibility, if lotus is the symbol of SBP, then Cycle is the symbol of the RP party.

Hence option A.

Q22. Text Solution:

Let us start solving the set by deciding the rank. By (1), Rank 1 is associated with party PBJ and by 2 and 3, rank 6 is associated with the symbol Elephant and the possible rank of Shukla and Ashutosh is 4 or 5 in any order.

Rank	Party	Symbol	Person
1	PBJ		
2			
3			
4			Shukla/Ashok
5			Ashok/Shukla
6		Elephant	

By condition 4, Santosh is ranked 3 and his party is SBP

Rank	Party	Symbol	Person
1	PBJ		
2			
3	SBP		Santosh
4			Shukla/Ashok
5			Shukla/Ashok
6		Elephant	

By condition 5, the symbol of Vinod's party is Flag. So the possible rank of Vinod can be 1 or 2. But by condition 6, Mr Gupta's party is PC and symbol is Sword. The only possible rank of Gupta is 2 as PBJ is rank 1. So we can conclude that

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP		Santosh
4			Shukla/Ashok
5			Shukla/Ashok
6		Elephant	



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By condition 7 and 8, the rank of RP is better than DA and the symbol of DA is Lantern. So, the possibility of DA is rank 5 and that of RP is 4. Thus, we have

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP		Santosh
4	RP		Shukla/Ashok
5	DA	Lantern	Shukla/Ashok
6		Elephant	

The only possibility for rank 6 is Bimal from party PS. Hence, we have the following table-

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP	Lotus/Cycle	Santosh
4	RP	Lotus/Cycle	Shukla/Ashok
5	DA	Lantern	Shukla/Ashok
6	PS	Elephant	Bimal

If Shukla's symbol is Cycle, then the possible rank of Shukla is 4 and the lotus is the symbol of Santosh. Hence, option B

Q23. Text Solution:

Let us start solving the set by deciding the rank. By (1), Rank 1 is associated with party PBJ and by 2 and 3, rank 6 is associated with the symbol Elephant and the possible rank of Shukla and Ashutosh is 4 or 5 in any order.

Rank	Party	Symbol	Person
1	PBJ		
2			
3			
4			Shukla/Ashok
5			Ashok/Shukla
6		Elephant	

By condition 4, Santosh is ranked 3 and his party is SBP

Rank	Party	Symbol	Person
1	PBJ		
2			
3	SBP		Santosh
4			Shukla/Ashok
5			Shukla/Ashok
6		Elephant	

By condition 5, the symbol of Vinod's party is Flag. So possible rank of Vinod can be 1 or 2. But by condition 6, Gupta's party is PC and symbol is Sword. The only possible rank of Gupta is 2 as PBJ is rank 1. So we can conclude that

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP		Santosh
4			Shukla/Ashok
5			Shukla/Ashok
6		Elephant	



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By condition 7 and 8, the rank of RP is better than DA and the symbol of DA is Lantern. So, possibility of DA is rank 5 and that of RP is 4. Thus, we have

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP		Santosh
4	RP		Shukla/Ashok
5	DA	Lantern	Shukla/Ashok
6		Elephant	

The only possibility for rank 6 is Bimal from party PS. Hence, we have the following table-

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP	Lotus/Cycle	Santosh
4	RP	Lotus/Cycle	Shukla/Ashok
5	DA	Lantern	Shukla/Ashok
6	PS	Elephant	Bimal

By the above possibility table, PS got the least number of votes.

Hence option A.

Q24. Text Solution:

Let us start solving the set by deciding the rank. By (1), Rank 1 is associated with party PBJ and by 2 and 3, rank 6 is associated with the symbol Elephant and the possible rank of Shukla and Ashutosh is 4 or 5 in any order.

Rank	Party	Symbol	Person
1	PBJ		
2			
3			
4			Shukla/Ashok
5			Ashok/Shukla
6		Elephant	

By condition 4, Santosh is ranked 3 and his party is SBP

Rank	Party	Symbol	Person
1	PBJ		
2			
3	SBP		Santosh
4			Shukla/Ashok
5			Shukla/Ashok
6		Elephant	

By condition 5, the symbol of Vinod's party is Flag. So the possible rank of Vinod can be 1 or 2. But by condition 6, Gupta's party is PC and symbol is Sword. The only possible rank of Gupta is 2 as PBJ is rank 1. So we can conclude that

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP		Santosh
4			Shukla/Ashok
5			Shukla/Ashok
6		Elephant	



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By condition 7 and 8, the rank of RP is better than DA and the symbol of DA is Lantern. So, possibility of DA is rank 5 and that of RP is 4. Thus, we have

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP		Santosh
4	RP		Shukla/Ashok
5	DA	Lantern	Shukla/Ashok
6		Elephant	

The only possibility for rank 6 is Bimal from party PS. Hence, we have the following table-

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP	Lotus/Cycle	Santosh
4	RP	Lotus/Cycle	Shukla/Ashok
5	DA	Lantern	Shukla/Ashok
6	PS	Elephant	Bimal

By the above table the symbol of the 5th ranked party is Lantern.

Hence option B.

Q25. Text Solution:

Let us start solving the set by deciding the rank. By (1), Rank 1 is associated with party PBJ and by 2 and 3, rank 6 is associated with the symbol Elephant and the possible rank of Shukla and Ashutosh is 4 or 5 in any order.

Rank	Party	Symbol	Person
1	PBJ		
2			
3			
4			Shukla/Ashok
5			Ashok/Shukla
6		Elephant	

By condition 4, Santosh is ranked 3 and his party is SBP

Rank	Party	Symbol	Person
1	PBJ		
2			
3	SBP		Santosh
4			Shukla/Ashok
5			Shukla/Ashok
6		Elephant	

By condition 5, the symbol of Vinod's party is Flag. So the possible rank of Vinod can be 1 or 2. But by condition 6, Gupta's party is PC and symbol is Sword. The only possible rank of Gupta is 2 as PBJ is rank 1. So we can conclude that

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP		Santosh
4			Shukla/Ashok
5			Shukla/Ashok
6		Elephant	



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By condition 7 and 8, the rank of RP is better than DA and the symbol of DA is Lantern. So, possibility of DA is rank 5 and that of RP is 4. Thus, we have

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP		Santosh
4	RP		Shukla/Ashok
5	DA	Lantern	Shukla/Ashok
6		Elephant	

The only possibility for rank 6 is Bimal from party PS. Hence, we have the following table-

Rank	Party	Symbol	Person
1	PBJ	Flag	Vinod
2	PC	Sword	Gupta
3	SBP	Lotus/Cycle	Santosh
4	RP	Lotus/Cycle	Shukla/Ashok
5	DA	Lantern	Shukla/Ashok
6	PS	Elephant	Bimal

We can answer all the questions using the above tables.

By the above possibility tables, Mr Ashok can represent DA or RP.

Hence it cannot be determined.

Option D.

Q26. Text Solution:

From the conditions 5, 9 and 6, we can deduce that Asharam is from Bihar, who was ranked 1st and has specialised in DE. That means he is less than 55 years old.

From condition 4, Rahim is ranked either 2nd or 3rd . That means from condition 2 and 7, Preet is

5th and Ram is 6th .

From condition 8, Honey is from UP and was ranked 2nd or 3rd .

From condition 1, Ram is from Rajasthan and has specialised in IC. That means Preet is from Orissa and has specialised in DC.

Therefore, from conditions 2 and 3, Radhey is from MP and Rahim is from Gujrat. The person ranked 3rd i.e. Rahim or Honey has specialised in TC.

Hence we can have the following table-

Rank	Name	Specialisation	State	Age
1	Asharam	DE	Bihar	Less than 55
2	Rahim/Honey	MA	Gujrat/UP	Less than 55
3	Honey/Rahim	TC	UP/Gujrat	Less than 55
4	Radhey	VC	MP	More than 55
5	Preet	DC	Orissa	More than 55
6	Ram	IC	Rajasthan	More than 55

Now, we can answer all the questions.

If Rahim was ranked 3rd then he must be specialised in TC.

Hence option D.

Q27. Text Solution:

From the conditions 5, 9 and 6, we can deduce that Asharam is from Bihar, who was ranked 1st and has specialised in DE. That means he is less than 55 years old.

From condition 4, Rahim is ranked either 2nd or 3rd . That means from condition 2 and 7, Preet is 5th and Ram is 6th .

From condition 8, Honey is from UP and was ranked 2nd or 3rd .

From condition 1, Ram is from Rajasthan and has specialised in IC. That means Preet is from Orissa and has specialised in DC.

Therefore, from conditions 2 and 3, Radhey is from MP and Rahim is from Gujrat. The person ranked 3rd i.e. Rahim or Honey has specialised in TC.



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Hence we can have the following table-

Rank	Name	Specialisation	State	Age
1	Asharam	DE	Bihar	Less than 55
2	Rahim/Honey	MA	Gujrat/UP	Less than 55
3	Honey/Rahim	TC	UP/Gujrat	Less than 55
4	Radhey	VC	MP	More than 55
5	Preet	DC	Orissa	More than 55
6	Ram	IC	Rajasthan	More than 55

Now, we can answer all the questions.

From the table we can't say anything about the specialisation of Rahim.

Hence option D.

Q28. Text Solution:

From the conditions 5, 9 and 6, we can deduce that Asharam is from Bihar, who was ranked 1st and has specialised in DE. That means he is less than 55 years old.

From condition 4, Rahim is ranked either 2nd or 3rd . That means from condition 2 and 7, Preet is 5th and Ram is 6th .

From condition 8, Honey is from UP and was ranked 2nd or 3rd .

From condition 1, Ram is from Rajasthan and has specialised in IC. That means Preet is from Orissa and has specialised in DC.

Therefore, from conditions 2 and 3, Radhey is from MP and Rahim is from Gujrat. The person ranked 3rd i.e. Rahim or Honey has specialised in TC.

Hence we can have the following table-

Rank	Name	Specialisation	State	Age
1	Asharam	DE	Bihar	Less than 55
2	Rahim/Honey	MA	Gujrat/UP	Less than 55
3	Honey/Rahim	TC	UP/Gujrat	Less than 55
4	Radhey	VC	MP	More than 55
5	Preet	DC	Orissa	More than 55
6	Ram	IC	Rajasthan	More than 55

Now, we can answer all the questions.

Preet is specialised in DC.

Hence option C will be the correct choice.

Q29. Text Solution:

From the conditions 5, 9 and 6, we can deduce that Asharam is from Bihar, who was ranked 1st and has specialised in DE. That means he is less than 55 years old.

From condition 4, Rahim is ranked either 2nd or 3rd . That means from condition 2 and 7, Preet is 5th and Ram is 6th .

From condition 8, Honey is from UP and was ranked 2nd or 3rd .

From condition 1, Ram is from Rajasthan and has specialised in IC. That means Preet is from Orissa and has specialised in DC.

Therefore, from conditions 2 and 3, Radhey is from MP and Rahim is from Gujrat. The person ranked 3rd i.e. Rahim or Honey has specialised in TC.

Hence we can have the following table-

Rank	Name	Specialisation	State	Age
1	Asharam	DE	Bihar	Less than 55
2	Rahim/Honey	MA	Gujrat/UP	Less than 55
3	Honey/Rahim	TC	UP/Gujrat	Less than 55
4	Radhey	VC	MP	More than 55
5	Preet	DC	Orissa	More than 55
6	Ram	IC	Rajasthan	More than 55

Now, we can answer all the questions.



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Radhey belongs to MP.

Hence Option A.

Q30. Text Solution:

From the conditions 5, 9 and 6, we can deduce that Asharam is from Bihar, who was ranked 1st and has specialised in DE. That means he is less than 55 years old.

From condition 4, Rahim is ranked either 2nd or 3rd . That means from condition 2 and 7, Preet is 5th and Ram is 6th .

From condition 8, Honey is from UP and was ranked 2nd or 3rd .

From condition 1, Ram is from Rajasthan and has specialised in IC. That means Preet is from Orissa and has specialised in DC.

Therefore, from conditions 2 and 3, Radhey is from MP and Rahim is from Gujrat. The person

ranked 3rd i.e. Rahim or Honey has specialised in TC.

Hence we can have the following table-

Rank	Name	Specialisation	State	Age
1	Asharam	DE	Bihar	Less than 55
2	Rahim/Honey	MA	Gujrat/UP	Less than 55
3	Honey/Rahim	TC	UP/Gujrat	Less than 55
4	Radhey	VC	MP	More than 55
5	Preet	DC	Orissa	More than 55
6	Ram	IC	Rajasthan	More than 55

Now, we can answer all the questions.

Option A is absolutely true, B and C can be true or False but option D must be false because Preet is more than 55 years old.

Hence option D will be the correct choice.



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