Direction 1 - 5 : Read the given information carefully and answer the following questions.

Ten employees of a company - Ankita, Beena, Chetna, Divya, Esha, Fatima, Geeta, Heena, Ishita, and Jaya, joined on the 5th and 10th of five different months - January, March, April, October, and December, not necessarily in the given order.

Ankita and Beena joined in the same month but neither in October nor in December. Chetna and Esha joined in the month of March. Divya joined on the 5th of April and Ishita joined on the 5th of October. Fatima joined the company at the last. Geeta joined in the month of December. Beena did not join on the 10th of any month. Heena joined on the 10th of the month in which Ishita joined. Chetna did not join on the 10th of any month.

Q:1 Four out of the five given options are alike in some manner. Choose the odd option.
1. Ankita
2. Esha
3. Jaya
4. Ishita
5. Fatima

Q:2 The below given pairs represent persons who joined the company in the same month. Choose the incorrect pair.
1. Ankita, Beena
2. Chetna, Esha
3. Divya, Jaya
4. Geeta, Fatima
5. Divya, Fatima

Q:3 Who joined the company in the month of October?
1. Ishita, Geeta
2. Divya, Jaya
3. Fatima, Beena
4. Heena, Geeta
5. Ishita, Heena

Q:4 How many people joined the company after Esha?
1. 2
2. 3
3. 4
4. 5
5. 6

Q:5 On which date did Jaya join the company?
1. 10th April
2. 5th April
3. 10th October
4. 10th January
5. 5th October

Direction 6 - 10 : Read the given information carefully and answer the following questions.

Seven examinations are scheduled to be held on different days of the week starting from Monday, the exams are namely NEET, UGC- NET, JEE, CGL, CHSL, RRB JE, and Railways but not necessarily in the same order.

The Railways exam is scheduled just after the day the NEET exam is scheduled. Three exams are scheduled between RRB JE and Railways exam. The RRB JE exam is scheduled before Wednesday. The UGC-NET exam is scheduled for Sunday. There are two exams scheduled between CHSL and the CGL exam. CGL Exam is to be held after the NEET exam.

Q:6 In a certain pattern, RRB JE is related to CHSL and NEET is related to CGL, then in the same pattern Railway is related to?
1. NEET
2. CHSL
3. JEE
4. UGC-NET
5. None of these

Q:7 Which exam is scheduled for Saturday?
1. CHSL
2. Railways
3. CGL
4. NEET
5. None of these

Q:8 How many exams are scheduled after the NEET exam?
1. Three
2. Two
3. One
4. Four
5. None of these

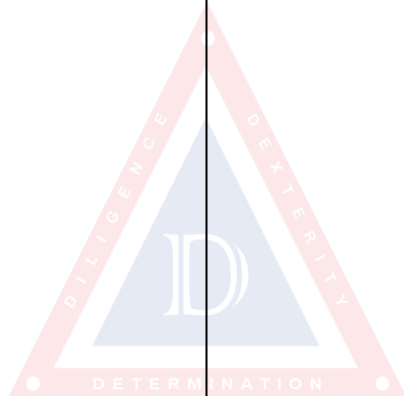**Q:9** Which exam is scheduled just after the JEE exam?

1. CGL
2. NEET
3. CHSL
4. Railways
5. None of these

Q:10 Which examination is scheduled for Friday?
1. NEET
2. Railways
3. CGL
4. CHSL
5. None of these

Answer Key

1. (4)	2. (5)	3. (5)	4. (5)	5. (1)
6. (4)	7. (3)	8. (1)	9. (3)	10. (2)

Answers and Solutions

Q:1 The correct answer is **Option 4** i.e. **Ishita**

1. Divya joined on 5th April and Ishita joined on 5th October.

2. Fatima joined the company at the last.

(This means Fatima joined on 10th December)

3. Geeta joined in the month of December.

(Thus, Geeta joined on 5th December)

Month	Date	Person
January	5	
January	10	
March	5	
March	10	
April	5	Divya
April	10	
October	5	Ishita
October	10	
December	5	Geeta
December	10	Fatima

4. Chetna and Esha joined in the month of March.

5. Ankita and Beena joined in the same month but neither October nor December.

(Thus, Ankita and Beena joined in the month of January)

6. Beena did not join on the 10th of any month.

(Thus, Beena joined on 5th January and Ankita joined on 10th January)

Month	Date	Person
January	5	Beena
January	10	Ankita
March	5	Chetna/Esha
March	10	Chetna/Esha
April	5	Divya
April	10	
October	5	Ishita
October	10	
December	5	Geeta
December	10	Fatima

7. Heena joined on the 10th of the month in which Ishita joined.

(Thus, Heena joined on 10th October)

8. Chetna did not join on the 10th of any month.

(Thus, Chetna joined on 5th March and Esha joined on 10th March)

Now, the remaining person, Jaya must join on 10th April.

Month	Date	Person
January	5	Beena
January	10	Ankita
March	5	Chetna
March	10	Esha
April	5	Divya
April	10	Jaya
October	5	Ishita
October	10	Heena
December	5	Geeta
December	10	Fatima

Ankita, Esha, Jaya, and Fatima joined the company on the 10th of the month, whereas Ishita joined on the 5th of the month.

Hence, **Ishita** is the odd one.

Q:2 The correct answer is **Option 5** i.e. **Divya, Fatima**

1. Divya joined on 5th April and Ishita joined on 5th October.

2. Fatima joined the company at the last.

(This means Fatima joined on 10th December)

3. Geeta joined in the month of December.

(Thus, Geeta joined on 5th December)

Month	Date	Person
January	5	
January	10	
March	5	
March	10	
April	5	Divya
April	10	
October	5	Ishita
October	10	
December	5	Geeta
December	10	Fatima

4. Chetna and Esha joined in the month of March.

5. Ankita and Beena joined in the same month but neither October nor December.

(Thus, Ankita and Beena joined in the month of January)

6. Beena did not join on 10th of any month.

(Thus, Beena joined on 5th January and Ankita joined on 10th January)

Month	Date	Person
January	5	Beena
January	10	Ankita
March	5	Chetna/Esha
March	10	Chetna/Esha
April	5	Divya
April	10	
October	5	Ishita
October	10	
December	5	Geeta
December	10	Fatima

7. Heena joined on the 10th of the month in which Ishita joined.

(Thus, Heena joined on 10th October)

8. Chetna did not join on the 10th of any month.

(Thus, Chetna joined on 5th March and Esha joined on 10th March)

Now, the remaining person, Jaya must join on 10th April.

Month	Date	Person
January	5	Beena
January	10	Ankita
March	5	Chetna
March	10	Esha
April	5	Divya
April	10	Jaya
October	5	Ishita
October	10	Heena
December	5	Geeta
December	10	Fatima

Divya and Fatima did not join in the same month. Hence, **Divya and Fatima** pair is incorrect.

Q:3 The correct answer is **Option 5** i.e. **Ishita, Heena**

1. Divya joined on 5th April and Ishita joined on 5th October.

2. Fatima joined the company at the last.

(This means Fatima joined on 10th December)

3. Geeta joined in the month of December.

(Thus, Geeta joined on 5th December)

Month	Date	Person
January	5	
January	10	
March	5	
March	10	
April	5	Divya

Month	Date	Person
April	10	
October	5	Ishita
October	10	
December	5	Geeta
December	10	Fatima

4. Chetna and Esha joined in the month of March.

5. Ankita and Beena joined in the same month but neither October nor December.

(Thus, Ankita and Beena joined in the month of January)

6. Beena did not join on 10th of any month.

(Thus, Beena joined on 5th January and Ankita joined on 10th January)

Month	Date	Person
January	5	Beena
January	10	Ankita
March	5	Chetna/Esha
March	10	Chetna/Esha
April	5	Divya
April	10	
October	5	Ishita
October	10	
December	5	Geeta
December	10	Fatima

7. Heena joined on 10th of the month in which Ishita joined.

(Thus, Heena joined on 10th October)

8. Chetna did not join on 10th of any month.

(Thus, Chetna joined on 5th March and Esha joined on 10th March)

Now, the remaining person, Jaya must join on 10th April.

Month	Date	Person
January	5	Beena
January	10	Ankita
March	5	Chetna
March	10	Esha
April	5	Divya
April	10	Jaya
October	5	Ishita
October	10	Heena
December	5	Geeta
December	10	Fatima

Hence, **Ishita and Heena** joined the company in the month of October.

Q:4 The correct answer is **Option 5** i.e. **6**

1. Divya joined on 5th April and Ishita joined on 5th October.

2. Fatima joined the company at the last.

(This means Fatima joined on 10th December)

3. Geeta joined in the month of December.

(Thus, Geeta joined on 5th December)

Month	Date	Person
January	5	
January	10	
March	5	
March	10	
April	5	Divya
April	10	
October	5	Ishita
October	10	
December	5	Geeta
December	10	Fatima

4. Chetna and Esha joined in the month of March.

5. Ankita and Beena joined in the same month but neither October nor December.

(Thus, Ankita and Beena joined in the month of January)

6. Beena did not join on the 10th of any month.

(Thus, Beena joined on 5th January and Ankita joined on 10th January)

Month	Date	Person
January	5	Beena
January	10	Ankita
March	5	Chetna/Esha
March	10	Chetna/Esha
April	5	Divya
April	10	
October	5	Ishita
October	10	
December	5	Geeta
December	10	Fatima

7. Heena joined on the 10th of the month in which Ishita joined.

(Thus, Heena joined on 10th October)

8. Chetna did not join on the 10th of any month.

(Thus, Chetna joined on 5th March and Esha joined on 10th March)

Now, the remaining person, Jaya must join on 10th April.

Month	Date	Person
January	5	Beena
January	10	Ankita
March	5	Chetna
March	10	Esha
April	5	Divya
April	10	Jaya
October	5	Ishita
October	10	Heena
December	5	Geeta
December	10	Fatima

Hence, **6 people** (Divya, Jaya, Ishita, Heena, Geeta, and Fatima) joined the company after Esha.

Q:5 The correct answer is **Option 1** i.e. **10th April**

1. Divya joined on 5th April and Ishita joined on 5th October.

2. Fatima joined the company at the last.

(This means Fatima joined on 10th December)

3. Geeta joined in the month of December.

(Thus, Geeta joined on 5th December)

Month	Date	Person
January	5	
January	10	
March	5	
March	10	
April	5	Divya
April	10	
October	5	Ishita
October	10	
December	5	Geeta
December	10	Fatima

4. Chetna and Esha joined in the month of March.

5. Ankita and Beena joined in the same month but neither October nor December.

(Thus, Ankita and Beena joined in the month of January)

6. Beena did not join on 10th of any month.

(Thus, Beena joined on 5th January and Ankita joined on 10th January)

Month	Date	Person
January	5	Beena
January	10	Ankita
March	5	Chetna/Esha

Month	Date	Person
March	10	Chetna /Esha
April	5	Divya
April	10	
October	5	Ishita
October	10	
December	5	Geeta
December	10	Fatima

7. Heena joined on 10th of the month in which Ishita joined.

(Thus, Heena joined on 10th October)

8. Chetna did not join on the 10th of any month.

(Thus, Chetna joined on 5th March and Esha joined on 10th March)

Now, the remaining person, Jaya must join on 10th April.

Month	Date	Person
January	5	Beena
January	10	Ankita
March	5	Chetna
March	10	Esha
April	5	Divya
April	10	Jaya
October	5	Ishita
October	10	Heena
December	5	Geeta
December	10	Fatima

Hence, Jaya joined the company on **10th April**.

Q:6 The correct answer is **Option 4** i.e **UGC-NET**

1) Sunday is scheduled for the UGC-NET exam.

2) Three exams are scheduled between RRB JE and the railways' exam, RRB JE is scheduled before Wednesday.

3) NEET exam is just before Railways.

4) Two exams are scheduled between CHSL and CGL and the GGL exam is after NEET.

5) The JEE exam is scheduled for Tuesday.

Clearly, UGC-NET is related to Railways in the same pattern.

Final arrangement:

Days	Examinations
Monday	RRB JE
Tuesday	JEE
Wednesday	CHSL

Days	Examinations
Thursday	NEET
Friday	Railways
Saturday	CGL
Sunday	UGC- NET

Hence, the correct answer is **UGC-NET.**

Q:7 The correct answer is **Option 3** i.e **CGL**

1) Sunday is scheduled for the UGC-NET exam.

2) Three exams are scheduled between RRB JE and the railways' exam, RRB JE is scheduled before Wednesday.

3) NEET exam is just before Railways.

4) Two exams are scheduled between CHSL and CGL and the GGL exam is after NEET.

5) The JEE exam is scheduled for Tuesday.

Clearly, the CGL exam is scheduled for Saturday.

Final arrangement:

Days	Examinations
Monday	RRB JE
Tuesday	JEE
Wednesday	CHSL
Thursday	NEET
Friday	Railways
Saturday	CGL
Sunday	UGC- NET

Hence, the correct answer is **CGL.**

Q:8 The correct answer is **Option 1** i.e **Three**

1) Sunday is scheduled for the UGC-NET exam.

2) Three exams are scheduled between RRB JE and the railways' exam, RRB JE is scheduled before Wednesday.

3) NEET exam is just before Railways.

4) Two exams are scheduled between CHSL and CGL and the GGL exam is after NEET.

5) The JEE exam is scheduled for Tuesday.

Clearly, three examinations are scheduled after the NEET exam.

Final arrangement:

Days	Examinations
Monday	RRB JE
Tuesday	JEE
Wednesday	CHSL
Thursday	NEET
Friday	Railways
Saturday	CGL
Sunday	UGC- NET

Hence, the correct answer is **Three.**

Q:9 The correct answer is **Option 3** i.e **CHSL**

1) Sunday is scheduled for the UGC-NET exam.

2) Three exams are scheduled between RRB JE and the railways' exam, RRB JE is scheduled before Wednesday.

3) NEET exam is just before Railways.

4) Two exams are scheduled between CHSL and CGL and the GGL exam is after NEET.

5) The JEE exam is scheduled for Tuesday.

Clearly, the CHSL exam is scheduled just after the JEE exam.

Final arrangement:

Days	Examinations
Monday	RRB JE
Tuesday	JEE
Wednesday	CHSL
Thursday	NEET
Friday	Railways
Saturday	CGL
Sunday	UGC- NET

Hence, the correct answer is **CHSL.**

Q:10 The correct answer is **Option 2** i.e **Railways**

1) Sunday is scheduled for the UGC-NET exam.

2) Three exams are scheduled between RRB JE and the railways' exam, RRB JE is scheduled before Wednesday.

3) NEET exam is just before Railways.

4) Two exams are scheduled between CHSL and CGL and the CGL exam is after NEET.

5) The JEE exam is scheduled for Tuesday.

Clearly, the Railways exam is scheduled for Friday.

Final arrangement:

Days	Examinations
Monday	RRB JE
Tuesday	JEE
Wednesday	CHSL
Thursday	NEET
Friday	Railways
Saturday	CGL
Sunday	UGC- NET

Hence, the correct answer is **Railways.**