

Infosys Test Set 3

Test Summary

- No. of Sections: 3
- No. of Questions: 65
- Total Duration: 80 min

Section 1 - Quantitative Ability

Section Summary

- No. of Questions: 10
- Duration: 20 min

Additional Instructions:

None

Q1. Find the sum of all possible 4 digits numbers formed from 1, 3, 5, 2 where no digits are repeated.

- (a) 78762
- (b) 76872
- (c) 73326
- (d) 78662

Q2. Probability of getting selected in Wipro is 1/6 and in Infosys is 1/8 and getting selected in both is 1/24. What is the probability of not getting selected in both Wipro and Infosys?

- (a) 1/2
- (b) 3/4
- (c)3/8
- (d) 1/3

Q3. Without stoppage, a train travels a certain distance with an average speed of 60 km/h, and with stoppage it covers the same distance with an average speed of 40 km/h. On an average, how many minutes per hour does train stop during the journey ?

- (a) 15mins/hr
- (b) 20 mins/hr
- (c) 25 mins/hr



(d) 30 mins/hr

Q4. In how many ways team of four can be formed from four boys and three girls such that atleast one boy and one girl should be there?

a. 66

b. 55

c. 65

d. 69

Q5.

3	4
5	6

?	36
45	54

Find the missing number.

A) 27

B) 35

C) 45

D) 33

E) 25

Q6.

3	4
5	6

?	36
45	54

Find the missing number.

A) 27



- B) 35
- C) 45
- D) 33
- E) 25

Q7.

3	4
5	6

?	36
45	54

Find the missing number.

- A) 27
- B) 35
- C) 45
- D) 33
- E) 25

Q8.

In a wedding party involving boys and girls how many ways can 12 boys and 8 girls be seated at a round table if all the 8 girls do not sit together?

- 19!-12!*1!
- 20! – 12!* 8!
- 19!- 11!* 71
- 19! – 12!* 8!
- None of these

Q9.

Find the next term in the series 5, 10, 26, 50, 122,?

- 168
- 169



166

170

None of these

Q10. What is the remainder when 100^{812} is divided by 7.

2

4

1

0

Section 2 - Reasoning Ability

Section Summary

- No. of Questions: 15
- Duration: 25 min

Additional Instructions:

None

Q1. Eight Family members A, B, C, D, E, G, H are sitting around a circular table facing the centre but not necessarily in the same order:
F , the wife of D is sitting third to the Right of C .
A is the son of H. A is sitting second to the left of D. D is not the immediate neighbour of either C or F. No male is an immediate neighbour of D.
G sits second to the left of D’s son. Only two persons sits between H and A’s brother. Neither C or D is the brother of A.
D’s son and wife of D’s son are immediate neighbour of each other.
F is the mother of H. F is not the immediate neighbour of B and G.
G is the sister of E.
Which of the following statements regarding H is definitely correct?

(a) H is a male.

(b) H is the cousin of C.

(c) Both the immediate neighbours of H are males.

(d) H is daughter-in-law of D.

Q2. P, Q, R, S, T, U and V are seven friends and are sitting in a circle facing the center of the circle.V is second to the left of S and is the neighbour of T and U.S is not a neighbour of R or T.P is neighbour of Q and R.Which of the following has the pair with the second person sitting to the immediate right of the first person?



QU

VU

TR

PT

- Q3. Eight Family members A, B, C, D, E, G, H are sitting around a circular table facing the centre but not necessarily in the same order:
F, the wife of D is sitting third to the Right of C.
A is the son of H. A is sitting second to the left of D. D is not the immediate neighbour of either C or F. No male is an immediate neighbour of D.
G sits second to the left of D's son. Only two persons sits between H and A's brother. Neither C or D is the brother of A.
D's son and wife of D's son are immediate neighbour of each other.
F is the mother of H. F is not the immediate neighbour of B and G.
G is the sister of E.
Based on the given arrangement, how is A related to D?

(a) Grandfather

(b) Son

(c) Grandson

(d) Cannot be determined

Common Content:

Study the following tables carefully about the expenditure (in Mn \$) on different process and their weightage by Honda Motors in different countries.

Country	Maintenance	Technology	After Sales Service	Training
USA	80	90	75	90
UK	85	85	80	85
Germany	90	70	85	85
Japan	85	80	90	75
India	87	95	80	80

Factor	Weight
Maintenance	0.30
Technology	0.20
After sales service	0.40
Training	0.10

- Q4. In which country is the Gross Weightage, the 3rd highest on Technology ?
(Gross Weightage = Factor value X Weight)

(a) UK

(b) India

(c) USA

(d) Japan

Q5. In which country is the overall Gross Weightage, the highest ?
(Gross Weightage = Factor value X Weight)

(a) UK

(b) USA

(c) India

(d) Germany

Q6. The expenditure by Honda in Japan is greater/lower than India by what percentage

(a) 3.5% lower

(b) 3.5% greater

(c) 4.8 % lower

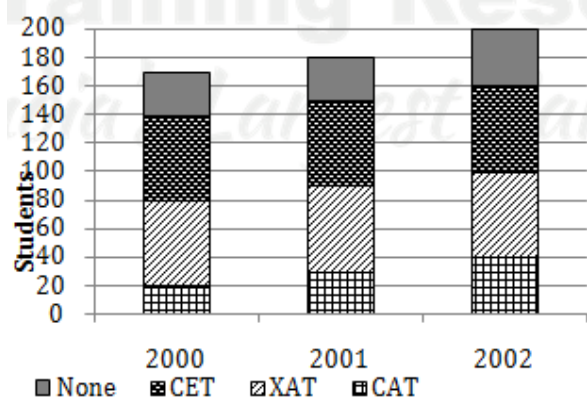
(d) 4.8% higher

Common Content:

Read the information given below to answer the following questions.

The following chart represents the number of students who passed the CAT, XAT, CET or none of these exams. (Assume that there are no students who passed more than one exam.)





Q7. What was the percentage increase in the number of students in 2002 over 2000?

(a) 30%

(b) 17.64%

(c) 117.6%

(d) 85%

Q8. What was the percentage of students who cleared CAT in 2000?

(a) 19.56%

(b) 12.65%

(c) 14.28%

(d) 11.76%

Q9. What was the percentage of students who cleared CAT in 2000?

(a) 19.56%

(b) 12.65%

(c) 14.28%

(d) 11.76%

Q10. What was the percentage of students who succeeded in at least one of three exams in 2000?

- (a) 82.4%
- (b) 82.8%
- (c) 82.35%
- (d) 83.3%

Common Content:

Direction: Questions are based on the following table.

Number of lecturers in ABC college of Pharmacy		
Year	No. of Lecturers	% increase in no. of students compared to previous year
1990	72	+10
1991	78	-5
1992	80	+10
1993	90	+5
1994	90	+10

Q11. If every year 10% of the lecturers resign to find better prospects, how many new lecturers joined in 1993 as a percentage of total number of lecturers?

- A.20%
- B.18%
- C.25%
- D.30%

Q12. Which year had the highest percentage increase in number of lecturers?

- A.1991
- B.1990
- C.1993
- D.1994

Q13. Which year had the highest percentage increase in the number of students?

- A.1991



- B.1992
- C.1993
- D. None of these

Q14. Which year had the highest ratio of number of lecturers to number of students?

- A.1991
- B.1992
- C.1993
- D.1994

Q15. Which year had the lowest number of students?

- A.1990
- B.1991
- C.1989
- D.1992

Section 3 - Verbal Ability

Section Summary

- No. of Questions: 40
- Duration: 35 min

Additional Instructions:

None

Q1. 1).Coastal and inland waters are inhabited not only by fish and also by sea creatures as shrimps and clams.
2).Coastal and inland waters are inhabited not only by fish but also by sea creatures such as shrimps and clams.
3).Coastal and inland waters are inhabited not by only fish but also by sea creatures such like shrimps and clams.
4).Coastal and inland waters are not inhabited only by fish but also by sea creatures like shrimps and clams.

- A. 1
- B. 2



C. 3

D. 4

- Q2.
- 1).Not only have we been as chosen as India’s best cellular service provider, we have also made our mark on a global level.
 - 2).Not only have we been as chosen as India’s best cellular service provider, but also have made our mark on a global level.
 - 3).Not only have we been as chosen as India’s best cellular service provider, but we also make our mark in a global level.
 - 4).Not only have we been as chosen as the India’s best cellular service providers, we will also make our mark on a global level.

1

2

3

4

- Q3.
- 1)There are similar and many such infrastructure facilities being provided by the authorities, despite the clamour for the insufficient basic basic amenities.
 - 2). The authorities are providing many such infrastructure facilities, despite there is a clamour regarding inadequate basic amenities.
 - 3). There are similar infrastructure facilities being provided by the authorities, in spite of which the clamour for better basic amenities persists.
 - 4). There is always a clamour about the insufficient basic amenities provided despite many infrastructure facilities provided by the authorities.

A. 1

B. 2

C. 3

D. 4

- Q4.
- According to the United States Bureau of Labor Statistics, more than 60 percent of the workplace illnesses reported on a yearly basis are being associated with repetitive stress injuries (RSI).

A. more than 60 percent of the workplace illnesses reported in each year are associating to

B. more than 60 percent of the workplace illnesses reported each year are associating to

C. more than 60 percent of the workplace illnesses reported each year is associated with



D. more of the 60 percent workplace illnesses reported in each year are associated with

Q5. After pricking herself on a thorn, a child went running towards her mother.

A. on a thorn, the child went running towards her

B. with a thorn, the child went running towards her

C. on a thorn, the child went running in to her

D. on a thorn, the child went running towards its

Q6. 1).What can one do when the population of both human and vehicles increases to ten folds in just a year or two?
2).What can one do when both the human and vehicles population increases by ten folds in just a year or two?
3). What can be done when both human and vehicles population increase ten folds in just a year or two?
4). What can one do when the population of both humans and vehicles increases in ten fold in just a year or two?

A. 1

B. 2

C. 3

D. 4

Q7. According to industry sources, there _____ demand for premium products.

A. have been a big jump in

B. has been a big jump in

C. was a big jump from the

D. have been a big jump of

Q8. Although some people liked the exhibition , there were far more _____ than enthusiasts among the reviewers.

A. enemies

B. detractors

C. hooligans

D. rowdies

Q9. Among the total amount of students graduating each year, 43% study humanities.

A) Of the total amount of students

B) Out of a total amount of student

C) From the total number of students

D) Among the total number of students

Q10. A certain boundaries is essential to ensure a proper education for students.

A) Certain boundaries is essential

B) Certain boundaries are essential

C) A certain amount of boundaries are essential

D) A certain number of boundaries are essential

Q11. A combat engineer is a military specialist in using the tools and techniques of engineering under combat conditions, which may perform any of a variety of tasks.

A. who could be able to perform any of the variety of tasks.

B. who may perform many of a variety of tasks.

C. what may perform any of a variety of tasks.

D. who may perform any of a variety of tasks.

Q12. My uncle _____ malaria while he was working in Africa.

A. developed

B. contracted

C. caught

D. an attack of

Common Content:

Read the following passage below and answer the questions that follow on the basis of what is stated / implied in that A passage. Union health ministry has developed special software for online monitoring to make sex-selective abortions more difficult. Once installed in 28,565 ultrasound clinics in the country, it will become mandatory for them to fill up Form F. This is not a new provision. According to the Prenatal Diagnostics Technique (Regulation and Prevention of Misuse) Act, 1994, ultra sound clinics are required to fill this form for every test they do. It is supposed to give details of the patient, including previous abortions and pregnancies, age and sex of the foetus, reason for doing ultrasound and name of the doctor who advised the test. But clinics seldom fill this form. Even when they do, they deliberately leave out vital details- sex of foetus and name of the doctor. When monitoring agencies ask for forms, clinics say they have been lost. Now that all forms have to be submitted online by 6th of every month- the form will not upload unless complete - clinics will have to keep their records straight or face penalty. Sex selective abortion is reportedly a Rs.1000-crore industry. Given the large number of female foetuses being aborted there is a need for greater surveillance. Online monitoring is one step in that direction. According to a Lancet magazine study, around 500,000 unborn girls- one in 25- are aborted in India every year. If the figures are real, a large number of parents and doctors should be behind bars. But so far there has been just one conviction. The Central Supervisory Board responsible for implementing the PNDT Act needs to be more vigilant and given more teeth. It's sad that there is not enough public outcry against this. Since the bias against the girl child is rooted in economic considerations the solution, too, will have to be economic. Transforming the girl child from a liability into an economic asset is the most effective way of tackling the problem. The government should incentivise having a girl child through free education, extra PDS ration, even tax concessions. This is likely to be more effective than sting operations against sex determination clinics. At the social level, religious and social organizations must mobilise their collective energy against this inhuman practice.

Q13. According to Lancet magazine study, the % of unborn girls that are aborted in India every year is

A) 25%

B) 0.25%

C) 4.25%

D) 4%

Q14. According to the author this inhuman practice

A) can never be curbed

B) will continue forever

C) will disappear with the implementation of the software

D) can be controlled with people's co - operation.

Q15. Although the surgeon is taciturn and uncommunicative to his patients, most patients prefer to be operated by him because he has hands.



A) a magic touch in

B) a healing pair of

C) a safe pair of

D) a soothing

Q16. Despite the easy operations and simple, easy-to-follow directions, very difficult to operate a computer.

A) many elderly people are finding

B) most elderly people still find it

C) most elderly people have

Q17. Most doctors are of the opinion that artificial iron supplements are no fresh spinach that is a rich source of natural iron.

A) equal for

B) match to

C) substitute for

D) use against

Q18. The bias against the girl child is due to:

A) religious reasons

B) psychological problems

C) social repercussions

D) economic constraints

Q19. The expression "given more teeth" in paragraph 2 means

A) more powers

B) more teeth

C) more people

D) more programmes

Q20. The hospital is known due to which many grave errors have happened in the past.

A) n its haphazard mode in function

B) though its haphazard mode of functioning

C) for it's haphazard mode of functioning

Q21. The successful merger of the world's largest steel maker Mittal Steel NV and its nearest rival Arcelor SA last month steel industry consolidation.

A) has been creating a milestone in

B) had created a milestone in

C) has created a milestone in

D) is creating a milestone in

Q22. which of the following is correct?

A) Japan who sits atop the junction of four tectonic plates, is one of the world's most quake-prone countries.

B) Japan sitting on the juncture of four tectonic plates, is one of the world's most quake-prone countries.

C) Japan, which sits at the juncture of four tectonic plates, is one of the world's most quake-prone countries.

D) Japan that sits at the juncture of four tectonic plates, is the world's most quake-prone countries.

Common Content:

Directions: Robert has seven shelves on his book rack. Each shelf occupies one book —Harry potter, Julies Caesar , As You Like it, Half Girlfriend, Kite Runner, India 2020, and Game of Thrones. The following conditions apply: - Kite Runner is placed on some shelf after Ha/ Girlfriend. - Julius Caesar is placed exactly two shelves before As You Like It. - India 2020 is placed on the shelf which is before Julius Caesar. - Kite Runner is placed either on the fifth or sixth shelf. - Harry Potter is placed on the second shelf.

Q23. Which of the following is an acceptable order of books from shelf 1 to 7?

A) Half-Girlfriend, Harry Potter, India 2020, Game Of Thrones, Julius Caesar, Kite Runner, As You Like It.

B) Half-Girlfriend, Harry Potter, Game Of Thrones, Julius Caesar, Kite Runner, As You Like It, India 2020.

C) India 2020, Harry Potter, Julius Caesar, Half-Girlfriend, Kite Runner, As You Like It, Game Of Thrones.

D) India 2020, Harry Potter, Half-Girlfriend, Kite Runner, Julius Caesar, Game Of Thrones, As You Like It.

E) India 2020, Julius Caesar, Half-Girlfriend, As You Like It, Kite Runner, Harry Potter, Game Of Thrones.

Q24. Which one of the following conditions would allow you to determine the exact order of books on the shelves?

A) Julius Caesar is placed on the fourth shelf.

B) As You Like It is placed on the fifth shelf.

C) Kite Runner is placed on the sixth shelf

D) India 2020 is placed on the first shelf.

E) Game of Thrones is placed on the seventh shelf

Q25. Which one of the following is a complete and accurate list of the shelves on which 'As You Like It' can be placed?

A) Fifth shelf , Sixth shelf

B) Fourth shelf, fifth shelf, sixth shelf

C) Fifth shelf, sixth shelf, seventh shelf

D) Third shelf, fifth shelf, sixth shelf, seventh shelf

E) Third shelf, fourth shelf, fifth shelf, sixth shelf, seventh shelf

Common Content:

Directions: Seven friends - Mehak, Pooja, Vedika, Saroj, Arav, Zara and Daman are planning for a road trip on their bikes to Goa. They have 2 bikes. One is Black and the other is Red. There are 3 seats on each bike (One in the front, one in middle and one in the back), so only six of them can go for the road trip. Order of these friends on the bikes is determined by the following conditions:

- If Saroj goes, then she goes by the bike which Vedika goes by.
- Daman takes the front seat and Mehak takes the back seat on the black bike.
- Zara does not take the front or the back seat.



• If Pooja goes by the red bike, then Arav gets the middle seat on that bike.

Q26. If Pooja and Daman go by the same bike, then which of the following could be true?

- A) Zara takes the front seat on the red bike.
- B) Zara, Arav and Saroj join the same bike.
- C) Saroj takes the front seat on the red bike.
- D) Pooja takes the front seat on the black bike.
- E) None of these

Q27. If Pooja and Daman go by the same bike, then which of the following could be true?

- A) Zara takes the front seat on the red bike.
- B) Zara, Arav and Saroj join the same bike.
- C) Saroj takes the front seat on the red bike.
- D) Pooja takes the front seat on the black bike.
- E) None of these

Q28. If Pooja goes by the red bike, then who should not join the road trip?

- A) Zara
- B) Vedika
- C) Saroj
- D) Arav
- E) None of these

Q29. If Saroj does not go, then which of the following could not be true?

- A) Vedika takes the front seat on the red bike.
- B) Pooja takes the middle seat on the red bike
- C) Zara takes the middle seat on the black bike.
- D) Daman takes the front seat on the black bike.



E) None of these.

Q30. If Saroj does not go, then which of the following could not be true?

A) Vedika takes the front seat on the red bike.

B) Pooja takes the middle seat on the red bike

C) Zara takes the middle seat on the black bike.

D) Daman takes the front seat on the black bike.

E) None of these.

Q31. If Saroj does not go, then which of the following could not be true?

A) Vedika takes the front seat on the red bike.

B) Pooja takes the middle seat on the red bike

C) Zara takes the middle seat on the black bike.

D) Daman takes the front seat on the black bike.

E) None of these.

Q32. If Saroj does not go, then which of the following could not be true?

A) Vedika takes the front seat on the red bike.

B) Pooja takes the middle seat on the red bike

C) Zara takes the middle seat on the black bike.

D) Daman takes the front seat on the black bike.

E) None of these.

Q33. If Saroj does not go, then which of the following could not be true?

A) Vedika takes the front seat on the red bike.

B) Pooja takes the middle seat on the red bike

C) Zara takes the middle seat on the black bike.

D) Daman takes the front seat on the black bike.

E) None of these.

Q34. If Saroj takes the front seat on the red bike, then which of the following must not be true?

A) Pooja takes the back seat on the red bike

B) Zara takes the middle seat on the black bike

C) Daman takes the front seat on the black bike

D) Vedika takes the middle seat on the red bike

E) None of these

Q35. If Saroj takes the front seat on the red bike, then which of the following must not be true?

A) Pooja takes the back seat on the red bike

B) Zara takes the middle seat on the black bike

C) Daman takes the front seat on the black bike

D) Vedika takes the middle seat on the red bike

E) None of these

Q36. If Saroj takes the front seat on the red bike, then which of the following must not be true?

A) Pooja takes the back seat on the red bike

B) Zara takes the middle seat on the black bike

C) Daman takes the front seat on the black bike

D) Vedika takes the middle seat on the red bike

E) None of these

Q37. Which of the following groups could be the people who go by the black bike, from front to back seat?

A) Daman, Saroj, Vedika

B) Zara, Vedika, Mehak



- C) Daman, Zara, Mehak
- D) Saroj, Pooja, Mehak
- E) None of these

Q38. Which of the following groups could be the people who go by the black bike, from front to back seat?

- A) Daman, Saroj, Vedika
- B) Zara, Vedika, Mehak
- C) Daman, Zara, Mehak
- D) Saroj, Pooja, Mehak
- E) None of these

Q39. Which of the following groups could be the people who go by the black bike, from front to back seat?

- A) Daman, Saroj, Vedika
- B) Zara, Vedika, Mehak
- C) Daman, Zara, Mehak
- D) Saroj, Pooja, Mehak
- E) None of these

Q40. Which of the following groups could be the people who go by the black bike, from front to back seat?

- A) Daman, Saroj, Vedika
- B) Zara, Vedika, Mehak
- C) Daman, Zara, Mehak
- D) Saroj, Pooja, Mehak
- E) None of these



Answer Key & Solution

Section 1 - Quantitative Ability

Q1 (c) 73326

Solution

No Solution

Q2 (b) 3/4

Solution

No Solution

Q3 (b) 20 mins/hr

Solution

No Solution

Q4 d. 69

Solution

No Solution

Q5 A) 27

Solution

No Solution

Q6 A) 27

Solution

No Solution

Q7 A) 27

Solution

No Solution

Q8 $19! - 12! \cdot 8!$

Solution

No Solution

Q9 170

Solution

No Solution

Q10 4

Solution

No Solution

Section 2 - Reasoning Ability

Q1 (c) Both the immediate neighbours of H are males.

Solution

No Solution

Q2 VU

Solution

No Solution

Q3 (c) Grandson

Solution

No Solution

Q4. (a) UK

Solution

No Solution

Q5. (c) India

Solution

No Solution

Q6. (a) 3.5% lower

Solution

No Solution

Q7. (b) 17.64%

Solution

No Solution

Q8. (d) 11.76%

Solution

No Solution

Q9. (d) 11.76%

Solution

No Solution

Q10. (c) 82.35%

Solution

No Solution

Q11. C.25%

Solution

No Solution

Q12. D.1994

Solution

No Solution

Q13. D. None of these

Solution

No Solution

Q14.

D.1994

Solution

No Solution

Q15. A.1990

Solution

No Solution

Section 3 - Verbal Ability

Q1 C. 3

Solution

No Solution

Q2 1

Solution

No Solution

Q3 C. 3

Solution

No Solution

Q4 C. more than 60 percent of the workplace illnesses reported each year is associated with

Solution

No Solution

Q5 A. on a thorn, the child went running towards her

Solution

No Solution



Q6

D. 4

Solution

No Solution

Q7

B. has been a big jump in

Solution

No Solution

Q8

B. detractors

Solution

No Solution

Q9

B) Out of a total amount of student

Solution

No Solution

Q10

D) A certain number of boundaries are essential

Solution

No Solution

Q11

A. who could be able to perform any of the variety of tasks.

Solution

No Solution

Q12

B. contracted

Solution

No Solution

Q13. A) 25%

Solution

No Solution

Q14. D) can be controlled with people's co - operation.

Solution

No Solution

Q15. A) a magic touch in

Solution

No Solution

Q16. B) most elderly people still find it

Solution

No Solution

Q17. C) substitute for

Solution

No Solution

Q18. C) social repercussions

Solution

No Solution

Q19. A) more powers

Solution

No Solution

Q20. C) for it's haphazard mode of functioning



Solution

No Solution

Q21. C) has created a milestone in

Solution

No Solution

Q22. C) Japan, which sits at the juncture of four tectonic plates, is one of the world's most quake-prone countries.

Solution

No Solution

Q23. C) India 2020, Harry Potter, Julius Caesar, Half-Girlfriend, Kite Runner, As You Like It, Game Of Thrones.

Solution

No Solution

Q24. B) As You Like It is placed on the fifth shelf.

Solution

No Solution

Q25. C) Fifth shelf, sixth shelf, seventh shelf

Solution

No Solution

Q26. C) Saroj takes the front seat on the red bike.

Solution

No Solution

Q27. C) Saroj takes the front seat on the red bike.

Solution



No Solution

Q28. C) Saroj

Solution

No Solution

Q29. B) Pooja takes the middle seat on the red bike

Solution

No Solution

Q30. B) Pooja takes the middle seat on the red bike

Solution

No Solution

Q31. B) Pooja takes the middle seat on the red bike

Solution

No Solution

Q32. B) Pooja takes the middle seat on the red bike

Solution

No Solution

Q33. B) Pooja takes the middle seat on the red bike

Solution

No Solution

Q34. A) Pooja takes the back seat on the red bike

Solution

No Solution

Q35. A) Pooja takes the back seat on the red bike

Solution

No Solution



Q36. A) Pooja takes the back seat on the red bike

Solution

No Solution

Q37. C) Daman, Zara, Mehak

Solution

No Solution

Q38. C) Daman, Zara, Mehak

Solution

No Solution

Q39. C) Daman, Zara, Mehak

Solution

No Solution

Q40. C) Daman, Zara, Mehak

Solution

No Solution

