

Puzzles

Type I – Tabular Data

Directions 1: Study the following information carefully and answer the questions given below.

P, Q, R, S, T, V and W are seven friends. Each of them likes a particular fruit, viz. Apple, Banana, Pear, Guava, Orange, Mango and Watermelon and each of them has a favourite city, viz. Mumbai, Pune, Delhi, Kolkata, Chennai, Hyderabad and Cochin. The choices of fruit and favourite city of the seven friends aren't necessarily in the same order. Q likes Mango and his favourite city is Chennai. The one whose favourite city is Pune likes Watermelon. T's favourite city is Kolkata. R likes Guava and his favourite is not Mumbai. W's favourite city is Cochin and he does not like either Banana or Pear. The favourite city of the one who likes Orange is Hyderabad. T does not like Pear. P's favourite city is neither Pune nor Hyderabad. S does not like Watermelon.

1. Who likes Apple?

- A. W
- B. T
- C. V
- D. P
- E. Data inadequate

2. Which fruit does P like?

- A. Apple
- B. Orange
- C. Pear
- D. Watermelon
- E. None of these

3. Which is R's favourite city?

- A. Mumbai
- B. Pune
- C. Hyderabad
- D. Delhi
- E. None of these

4 Which of the following combinations of Person-Fruit-City is incorrect?

- A. R-Guava-Kolkata
- B. V-Watermelon-Hyderabad
- C. T-Banana-Cochin
- D. S-Guava-Delhi
- E. All are incorrect

Directions2: Study the following information carefully to answer the given questions.

There are six Indian cricketers, namely Virat, Rohit, Dhoni, Raina, Ishant, and Rahane. Among them two are batsmen, while others are wicket keeper, fast bowler, all-rounder and spinner, though not necessarily in the same order. Also, each of these cricketers belongs to a different city, namely Chandigarh, Delhi, Ranchi, Chennai, Mumbai and Jaipur.

- I. Virat, a fast bowler, is neither from Chennai nor from Jaipur.
- II. The one who is from Mumbai is a spinner. Neither Raina nor Rohit is from Mumbai.
- III. Rohit is the all-rounder of the team and is from Jaipur.
- IV. Virat is not from Ranchi while Rahane is not from Chennai.
- V. Raina the wicket keeper is from Delhi. Neither Dhoni nor Rahane is a spinner.

Who among the following is from Chandigarh?

- A. Dhoni
- B. Virat
- C. Ishant
- D. Rahane
- E. None of these

Which of the following pairs of batsmen and city is incorrect?

- A. Dhoni – Chennai
- B. Raina – Delhi
- C. Ishant – Mumbai
- D. Virat – Jaipur
- E. All are correct

Directions 3: Study the following information carefully and answer the questions given below.

Seven people – A, B, C, D, E, F and G – are having different hobbies, viz., Travelling, Reading, Dancing, Painting, Sculpting, Singing and Pottery making, but not necessarily in the same order. Each of them belong to different State, viz., Punjab, Odisha, Kerala, Rajasthan, Maharashtra, Gujarat and Karnataka, but not necessarily in the same order. A belongs to Maharashtra. D likes pottery making. The person who likes sculpting is from the State of Odisha. The person who likes dancing is from the State of Gujarat. F does not belong to Gujarat, Odisha, Punjab or Rajasthan. F does not like singing, reading or painting. B does not belong to Kerala, Odisha, Punjab or Rajasthan. B does not like painting, travelling, reading or

singing. C does not like sculpting and he is not from Rajasthan or Punjab. Neither D nor G belongs to Punjab. A does not like reading. The person from Kerala likes singing.

Who among the following likes singing?

- A. A
- B. C
- C. E
- D. G
- E. Can't be determined

Which one of the following combinations is true according to the given information?

- A. A - Travelling - Maharashtra
- B. C - Dancing - Gujarat
- C. E - Reading - Karnataka
- D. D - Pottery Making - Rajasthan
- E. All are true

Directions 4: Study the following information carefully and answer the questions given below.

There are five countries namely India, Russia, China, Germany and Brazil. Each of them has a national flower, viz Lotus, Rose, Lily, Jasmine and Sunflower, and also a national animal, viz Lion, Tiger, Elephant, Panther and Bear (But not necessarily in the same order.)

- The country whose national animal Bear has rose as its national flower.
- Neither Lily nor Jasmine is the national flower of Germany, whose national animal is Panther. India's national flower is Lotus and Russia's national animal is Lion.
- Sunflower is not China's national flower and Bear is not Brazil's national animal.
- The country whose national flower is Lily has Tiger as its national animal.

What is the national animal of India?

- A. Tiger
- B. Lion
- C. Elephant
- D. Can't be determined
- E. None of these

Tiger is the national animal which country?

- A. Brazil
- B. Russia
- C. China
- D. India
- E. Can't be determined

Type II – Not more than

Directions 1: Study the following information and answer the questions given below it.

A, B, C, D, E, G and I are seven friends who study in three different standards namely 5th, 6th and 7th such that not less than two friends study in the same standard. Each friend also has a different favourite subject namely History, Civics, English, Marathi, Hindi, Maths and Economics but not necessarily in the same order.

A likes Maths and studies in the 5th standard with only one other friend who likes Marathi. I studies with two other friends. Both the friends who study with I like languages (Here languages include only Hindi, English and Marathi). D studies in the 6th standard with only one person and does not like Civics. E studies with only one friend. The one who likes History does not study in 5th or 6th standard. E does not like languages. C does not like English, Hindi or Civics.

Which combination represents E's favourite subject and the standard in which he studies?

- A. Civics and 7th
- B. Economics and 5th
- C. Civics and 6th
- D. History and 7th
- E. Economics and 7th

Which of the following is I's favourite subject?

- A. History
- B. Civics
- C. Marathi
- D. Either English or Marathi
- E. Either English or Hindi

Directions 2 : Study the following information carefully and answer the questions given beside:

Seven persons D, E, F, G, H, I and J belong to three different cities, viz Bangalore, Calcutta and Ahmedabad with at least two persons from each city. Each of them likes a different color – Yellow, Black, Green, White, Blue, Orange and Pink – but not necessarily in the same order.

E likes Black. I does not like Blue but he belongs to Calcutta with J. E belongs to a city only with D and H but is not from Ahmedabad. H does not belong to Calcutta but he likes Orange. The one who likes Pink does not belong to either Bangalore or Calcutta. D likes Green. The one who likes Black does not belong to Calcutta. J does not like Pink. F belongs to Ahmedabad only with the person who likes White.

G belongs to which of the following cities?

- A. Either Bangalore or Ahmedabad
- B. Ahmedabad
- C. Either Calcutta or Bangalore
- D. Can't be determined
- E. None of these

Which of the following combination is true?

- A. J – Bangalore – Blue
- B. D – Bangalore – Orange
- C. I – Calcutta – Yellow
- D. E – Calcutta – Black
- E. None of these

Directions 3 : Study the following information carefully and answer the given questions.

Six friends L, M, N, O, P and Q work in three different cities namely Chennai, Pune and Nashik. (Not more than two in a single city.) Each of them has a different profession i.e. Banker, Software Engineer, Lawyer, Lecturer, Doctor and Psychologist, but not necessarily in the same order.

O works in Chennai and is not a lecturer. M is a banker by profession and works in Pune with only Q, who is a software engineer by profession. N works in Nashik and is not a lawyer by profession. P is a doctor and does not work in Chennai. The only other person who works in Chennai is a lecturer by profession.

Which of the following is true for L?

- A. L is a lecturer by profession.
- B. L works in the same place as N.
- C. L is neither a lecturer nor a lawyer.
- D. L works in Pune.
- E. None of these

Which two people work in Nashik?

- A. L and N
- B. N and P
- C. L and Q
- D. N and O
- E. can't be determined

Directions 4 : Study the following information and answer the questions given below it.

A, B, C, D, E, F, G and H are eight employees of an organization working in three departments viz. Personnel, Administration and Marketing with not more than three of them in any department. Each of them has different choice of sports from Football, Cricket, Volleyball, Badminton, Lawn Tennis, Basketball, Hockey and Table Tennis not necessarily in the same order.

D works in Administration and does not like either football or cricket. F works in Personnel with only A who likes table tennis. E and H do not work in the same department as D. C likes hockey and does not work in Marketing. G does not work in Administration and does not like either cricket or badminton. One of those who work in Administration likes football. The one who likes volleyball works in Personnel. None of those who work in Administration likes either badminton or lawn tennis. H does not like cricket.

Which of the following groups of employees work in Administration department?

- A. EGH
- B. AF
- C. BCD
- D. BGD
- E. Data inadequate

In which department does E work?

- A. Personnel
- B. Marketing
- C. Administration
- D. Data inadequate
- E. None of these

Directions 5: Study the following information carefully to answer the given questions.

W, X, Y, Z, M, N and O belong to three different departments R & D, Marketing and HR with at least two of them in any of these departments. Each of them has a favorite color – Green, Blue, Red, Pink, Black, Violet and Purple. X works in Marketing department with M. M's favourite color Purple. Those who work in R & D department do not like Green and Pink. The one who likes Blue works only with O in HR department. The one whose favourite Color is Black does not work in the same department with either M or O. W does not work in the Marketing department. W likes Violet color. Z and N work in the same department. N does not like Red color. The one whose favourite color is Pink does not work in Marketing department.

In which department does W, Z and N work?

- A. Can't be determined
- B. R & D
- C. Marketing

Whose favourite color is Green?

- A. X
- B. W
- C. Y

- D. HR
E. None of these

- D. Z
E. None of these

Type III- Days/Month based

Direction 1: Directions: Study the following information and answer the given questions.

Seven friends, namely, P, Q, R, S, T, U and V, watch seven different movie, namely Spectre, Joy, Burnt, Concussion, Frozen, Everly and legend, not necessarily in the same order, starting from Monday to Sunday (of the same week). T watches a movie on Thursday. Only one person watches the movie between T and the one who watches Frozen. P watches movie immediately after the one who watches Frozen. Only three people watch the movie between P and the one who watches Burnt. Only two people watch the movie between the one who watches burnt and U. The one who watches Legend, watches the movie before U but after Thursday. More than two people watch the movie between the one who watches the movie Legend and R. The one who watches Spectre watches the movie immediately before the one who watches Everly. The one who watches Concussion watches immediately before Q. V does not watch the movie on Tuesday.

Who amongst the following watches Joy?

- A. R
B. S
C. P
D. T
E. V

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

- A. T-Tuesday
B. S-Thursday
C. Q-Sunday
D. P-Friday
E. U-Saturday

Directions 2: Study the following information carefully and answer the questions given beside:

Six exams viz. Maths, Science, History, Economics, English and Hindi are to be scheduled starting from 2nd March and ending on 8th March with Sunday being an off day, not necessarily in the same order. Each of the exams has different time duration: 40 minutes, 50 minutes, 60 minutes, 75 minutes, 90 minutes and 100 minutes, again not necessarily in the same order.

8th march is not Sunday and an exam of 40 minutes is scheduled on that date. Maths exam is for less than 60 minutes and is scheduled immediately before English exam. There are two exams scheduled between Hindi exam which is for 100 minutes and History exam which is for 60 minutes. English exam is before Sunday and there are two days between Sunday and Maths exam. Economics exam which is for 75 minutes is not scheduled on 2nd march. The exam scheduled on Saturday is of 100 minutes.

How many exams are scheduled before Saturday?

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

Which of the following combinations of Exam - Day - Time Duration is correct?

- A. English - Wednesday - 75 minutes
B. Maths - Thursday - 50 minutes
C. History - Thursday – 60 minutes
D. Hindi - Tuesday - 100 minutes
E. None of these

Direction 3: Study the following information carefully and answer the questions given beside:

There are 7 books B1, B2, B3, B4, B5, B6, and B7 published in 7 different month January, February, March, April, June, August, and October. B1 is published in the month having less than 31 days but not in April. There are 3 books published between B1 and B3. B2 is published in one of the months after B4. No book is published between B2 and B4. B5 is published in one of the months before B7. B5 is not published in a month having maximum number of days. No book is published between B7 and B5.

Which book is published in the month of March?

- A. B6
B. B7

Which book among the following is published between the months of June and October?

- A. B4

- C. B1
- D. B3
- E. None of these

- B. B6
- C. B7
- D. B2
- E. None of these

Type IV – Floor based

Directions 1 : Study the given information carefully to answer the given question.

Eight people – P, Q, R, S, W, X, Y and Z – live on eight different floors of a building but not necessarily in the same order. 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.

P lives on an even-numbered floor above the floor numbered three. Y lives immediately below P. Only three people live between Y and R. Only two people live between R and W. There are as many people between W and P as are there between W and Q. Only two people live between Q and Z. S lives immediately above Z.

Who amongst the following lives exactly between Y and W?

- A. Only P
- B. Only X
- C. No one
- D. Both P and X
- E. Both X and Q

Who amongst the following lives on the floor numbered five?

- A. X
- B. Q
- C. S
- D. R
- E. Y

Directions 2: Study the following information carefully and answer the given questions.

Seven persons A, B, C, D, E, F and G live in a seven story building. The bottom floor is numbered 1 and the floor above it is numbered 2 and so on. The topmost floor is numbered 7. All the persons are working with different shops, viz Liberty, Puma, Sonata, Titan, Reebok, Nike and Walmart but not necessarily in the same order.

- C lives on the third floor but does not work with Liberty shop.
- B does not work with Puma. The one who works with Walmart lives immediately below the person who works with Titan.
- F works with Sonata but lives neither on an even numbered floor nor immediately above the one who works at Liberty.
- The floor on which A lives is immediately above the floor on the which B lives. A does not work with Liberty shop.
- The one who works with Nike lives immediately below the one who works with Puma.
- D lives on floor no. 6. Neither A nor E works with Reebok.
- G works with Titan and lies on the topmost floor.

Who among the following lives on the first floor?

- A. The one who work with Reebok
- B. The one who works with Sonata
- C. The one who works with Puma
- D. Can't be determined
- E. None of these

E works at which of the following shops?

- A. Reebok
- B. Puma
- C. Liberty
- D. Nike
- E. None of these

Directions 3: Study the following information carefully and answer the questions given below:

Eight friends T1, T2, T3, T4, T5, T6, T7 and T8 live on eight different floors of a building but not necessarily in the same order. The lowermost floor is number 1 and the one above it is number 2 and so on. The topmost floor is number 8.

T3 lives immediately above T1, T7 lives on an odd numbered floor. Only one person lives between T5 and T1. T2 lives above the floor on which T8 lives. T8 lives above the floor on which T7 lives. Only three between T4 and T5. T4 lives on the second topmost floor. T7 does not live on the lowermost floor.

How many persons live between the floors on which T2 and T1 live respectively?

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

If T1 and T5 interchange their places, who among the following will live between the floors on which T6 and T3 live respectively?

- A. Only T1
- B. Only T5
- C. No one
- D. Both T5 and T1
- E. None of these

Directions 4 : Read the following information and answer the questions that follow:

Nine players Kohli, Rohit, Yuvraj, Kumble, Dhawan, Raina, Parthiv, Zaheer and Kartik stay at Hotel Pavillion at Dharmshala for their next match against Australia but not necessarily in the same order. The building has nine floors and only one person stays on one floor. All of them own one Mobile phone each, and each Mobile is of a different brand, i.e. Samsung, Apple, Nokia, Sony, LG, Htc, Xolo, Lava and Xiaomi, but not necessarily in the same order. The ground floor is numbered 1, the floor above it is numbered 2, and so on, and the topmost floor is numbered 9.

Zaheer owns a Sony mobile and stays on an even-numbered floor. Kohli stays on any even-numbered floor below the floor on which Zaheer stays. The one who owns a Lava phone stays on the fourth floor. Dhawan stays on the second floor and owns a Nokia phone. The one who owns a Xiaomi phone stays on the third floor. Kohli does not own a Htc phone. There are two floors between the floors on which the people owning the Xolo and Sony stay. Yuvraj owns a Apple phone. There are three floors between the floors on which Yuvraj and Parthiv stay. Kumble stays on a floor immediately above Kartik's floor. There is one floor between the floors on which Raina and Parthiv stay. Raina does not own the Xiaomi phone. The one who owns the Samsung phone stays on the topmost floor. Raina does not stay on the ground floor.

Who among the following owns the Htc phone?

- A. Kumble
- B. Kartik
- C. Parthiv
- D. Raina
- E. None of these

Who among the following stays on the topmost floor?

- A. Raina
- B. Parthiv
- C. Kumble
- D. Yuvraj
- E. None of these