

## Puzzel Test

### Direction for Questions 1 to 5

Read the following information carefully and answer the questions that follow :

- (i) Five friends P, Q, R, S and T travelled to five different cities of Chennai, Calcutta, Delhi, Bangalore, and Hyderabad by five different modes of transport of Bus, Train, Aeroplane, Car and Boat from Mumbai.
- (ii) The person who travelled to Delhi did not travel by boat.
- (iii) R went to Bangalore by car and Q went to Calcutta by aeroplane.
- (iv) S travelled by boat whereas T travelled by train.
- (v) Mumbai is not connected by bus to Delhi and Chennai.

1. Which of the following combinations of person and mode is not correct ?  
(a) P — Bus (b) Q — Aeroplane  
(c) R — Car (d) S — Boat  
(e) T — Aeroplane
2. Which of the following combinations is true for S ?  
(a) Delhi — Bus (b) Chennai — Bus  
(c) Chennai — Boat (d) Data inadequate  
(e) None of these
3. Which of the following combinations of place and mode is not correct ?  
(a) Delhi — Bus (b) Calcutta — Aeroplane  
(c) Bangalore — Car (d) Chennai — Boat  
(e) Hyderabad — Bus
4. The person travelling to Delhi went by which of the following modes ?  
(a) Bus (b) Train (c) Aeroplane  
(d) Car (e) Boat
5. Who among the following travelled to Delhi ?  
(a) R (b) S (c) T  
(d) Data inadequate (e) None of these

### Direction for Questions 6 to 10

Read the following information carefully and answer the questions that follow :

There are six cities A, B, C, D, E and F

A is not a hill station.

B and E are not historical places.

D is not an industrial city.

A and D are not historical cities.

A and B are not alike.

6. Which two cities are industrial centres ?  
(a) A and B (b) E and F  
(c) C and D (d) B and F  
(e) A and D
7. Which two cities are historical places ?  
(a) A and C (b) B and F  
(c) C and F (d) B and E  
(e) A and D

8. Which two cities are hill stations ?  
(a) A and B (b) C and A  
(c) B and D (d) A and F  
(e) None of these
9. Which city is a hill station and an industrial centre but not a historical place ?  
(a) E (b) F (c) A  
(d) B (e) C
10. Which two cities are neither historical places nor industrial centres ?  
(a) A and B (b) D and E  
(c) F and C (d) B and D  
(e) None of these

### Direction for Questions 11 to 15

Read the following information carefully and answer the questions that follow :

In a school, there were five teachers. A and B were teaching Hindi and English. C and B were teaching English and Geography. D and A were teaching Mathematics and Hindi. E and B were teaching History and French.

11. Who among the teachers was teaching maximum number of subjects ?  
(a) A (b) B (c) C  
(d) D (e) E
12. Which of the following pairs was teaching both Geography and Hindi ?  
(a) A and B (b) B and C  
(c) C and A (d) D and B  
(e) None of these
13. More than two teachers were teaching which subject ?  
(a) History (b) Hindi  
(c) French (d) Geography  
(e) Mathematics
14. D, B and A were teaching which of the following subjects?  
(a) English only (b) Hindi and English  
(c) Hindi only (d) English and Geography  
(e) Mathematics and Hindi
15. Who among the teachers was teaching less than two subjects ?  
(a) A (b) B (c) D  
(d) Data inadequate  
(e) There is no such teacher

### Direction for Questions 16 to 20

Read the following information carefully and answer the questions that follow :

(i) P, Q, R, S, T and U are six students procuring their Master's degree in six different subjects — English, History, Philosophy, Physics, Statistics and Mathematics .

- (ii) Two of them stay in hostel, two stay as paying guest (PG) and the remaining two stay at their home.  
 (iii) R does not stay as PG and studies Philosophy.  
 (iv) The students studying Statistics and History do not stay as PG.  
 (v) T studies Mathematics and S studies Physics.  
 (vi) U and S stay in hostel. T stays as PG and Q stays at home.

16. Who studies English ?  
 (a) R (b) S (c) T  
 (d) U (e) None of these
17. Which of the following combinations of subject and place of stay is not correct ?  
 (a) English — Hostel (b) Mathematics — PG  
 (c) Philosophy — Home (d) Physics — Hostel  
 (e) None of these
18. Which of the following pairs of students stay one each at hostel and at home ?  
 (a) QR (b) SR (c) US  
 (d) Data inadequate (e) None of these
19. Which subject does Q study ?  
 (a) History (b) Statistics  
 (c) History or Statistics (d) Data inadequate  
 (e) None of these
20. Which of the following pairs of students stay at home ?  
 (a) PQ (b) QR (c) RS  
 (d) ST (e) None of these

**Direction for Questions 21 to 25**

*Rohit, Kunal, Ashish and John are students of a school. Three of them stay far from the school and one near it. Two study in class IV, one in class V and one in class VI. They study Hindi, Mathematics, Social Science and Science. One is good at all the four subjects while another is weak in all of these. Rohit stays far from the school and is good at Mathematics only while Kunal is weak in Mathematics only and stays close to the school. Neither of these two nor Ashish studies in class VI. One who is good at all the subjects studies in class V.*

21. Name the boy who is good all the subjects.  
 (a) Rohit (b) Kunal (c) Ashish (d) John
22. Name the boy who is weak in all the subjects.  
 (a) Rohit (b) Kunal (c) Ashish (d) John
23. Which two boys are good at Hindi ?  
 (a) Rohit and Kunal (b) Kunal and Ashish  
 (c) Ashish and John (d) John and Rohit
24. Which two boys are good at Mathematics ?  
 (a) Rohit and Ashish (b) Kunal and Ashish  
 (c) John and Ashish (d) Rohit and John
25. Other than Rohit and the boy good at all the subjects, who else stays far from the school ?  
 (a) Rohit (b) Kunal (c) Ashish (d) John

**Direction for Questions 21 to 25**

Read the following information carefully and answer the questions that follow :

*Madhu and Shobha are good in Dramatics and Computer Science.*

*Anjali and Madhu are good in Computer Science and Physics.*

*Anjali, Poonam and Nisha are good in Physics and History.*

*Nisha and Anjali are good in Physics and Mathematics.*

*Poonam and Shobha are good in History and Dramatics?*

26. Who is good in Computer Science, History and Dramatics ?  
 (a) Anjali (b) Madhu (c) Shobha (d) Nisha
27. Who is good in Physics, Dramatics and Computer Science ?  
 (a) Shobha (b) Poonam (c) Madhu (d) Anjali
28. Who is good in Physics, History and Dramatics ?  
 (a) Poonam (b) Shobha (c) Madhu (d) Anjali
29. Who is good in History, Physics, Computer Science and Mathematics ?  
 (a) Poonam (b) Nisha (c) Madhu (d) Anjali
30. Who is good in Physics, History and Mathematics but not in Computer Science ?  
 (a) Madhu (b) Poonam (c) Nisha (d) Anjali

## Puzzle Test (solutions)

### Direction for Questions 1 to 5

The given information can be analysed as follows :

(A) **Mode of Transport** : R travels by car, Q by Aeroplane, S by Boat and T by Train. Now, only P remains. So, P travels by Bus.

(B) **Place of Travel** : R goes to Bangalore, Q to Calcutta. Now, bus transport is not available for Delhi or Chennai. So, P who travels by Bus goes to Hyderabad. S travels by boat and hence, by (ii), did not go to Delhi. So, S goes to Chennai. Now, only T remains. So, T goes to Delhi.

	Place	Mode
P	Hyderabad	Bus
Q	Calcutta	Aeroplane
R	Bangalore	Car
S	Chennai	Boat
T	Delhi	Train

- Clearly, the incorrect combination is T — Aeroplane. So, The answer is (e).
- Clearly, the correct combination for S is Chennai — Boat. So, the answer is (c).
- Clearly, the incorrect combination is Delhi — Bus. So, the answer is (c).
- Clearly, T travelled to Delhi by Train, So, the answer is (b).
- Clearly, T travelled to Delhi So, the answer is (c)

### Direction for Questions 6 to 10

The given information can be analysed as follows :

	A	B	C	D	E	F
Historical	x	x	✓	x	x	✓
Industrial	✓	x	✓	x	✓	✓
Hill Stations	x	✓	✓	✓	✓	✓

Since A and B are not alike and because A is industrial, B cannot be industrial but industrial but only a hill station. So, we put a cross for B across Industrial.

- Clearly, A, C, E and F are Industrial Centres. So, the answer is (b).
- Clearly, C and F are Historical places, So, the answer is (c).
- Clearly, B, C, D, E and F are Hill stations, So, the answer is (c).
- E alone is a Hill station and an Industrial centre but not a Historical place. So, the answer is (a).
- B and D are neither Historical places nor Industrial centres. So, the answer is (d).

### Direction for Questions 11 to 15

The given information may be analysed as under :

	English	Hindi	Mathematics	Geography	History	French
A	✓	✓	✓			
B	✓	✓		✓	✓	✓
C	✓			✓		
D		✓	✓			
E					✓	✓

- (b) : B teaches maximum number of subjects i.e. 5.

- (e) : Only B teaches both Hindi and Geography.
- (b) : Three teachers were teaching Hindi — A, B and D
- (c) : D, B and A were teaching Hindi.
- (e) : None of the teachers was teaching less than two subjects.

### Direction for Questions 16 to 20

- T stays as PG ; S stays in hostel.  
U stays in hostel and Q stays at home.  
Now, R does not stay as PG. So, P stays as PG.  
Clearly, R stays at home.
- S studies Physics ; R studies Philosophy and T studies Mathematics. Now, P who stays as PG does not study Statistics or History. So P studies English.

	Place of stay	Subject
P	PG	English
Q	Home	Statistics or History
R	Home	Philosophy
S	Hostel	Physics
T	PG	Mathematics
U	Hostel	Statistics or History

- (e) : P studies English
- (a) : Clearly the incorrect combination is English — Hostel.
- (b) : S stays in hostel and R stays at home.
- (c) : Q studies History or Statistics.
- (b) : Q and R stay at home.

### Direction for Questions 21 to 25

- Kunal stays close to school. So the other three — Rohit, Ashish and Johan stay far from the school.
- Rohit, Kunal and Ashish do not study in class VI, So, John studies in class VI. Rohit and Kunal are not good at all subjects and John is in class VI. So, Ashish is good at all subjects and studies in class V.
- Rohit is good at Mathematics, Kunal is weak in Mathematics. Ashish is good at all the subjects. Clearly, John is weak in all the subjects.

	Stay	Class	Good at	Weak in
Rohit	Far	IV	Mathematics	Hindi Science, Social Science.
Kunal	Close	IV	Hindi, Science Social Science	Mathematics
Ashish	Far	V	All subject	
John	Far	VI		All subject

- (c) : Ashish is good at all the subjects.
- (d) : John is weak in all the subjects.
- (b) : Kunal and Ashish are good at Hindi.
- (a) : Rohit and Ashish are good at Mathematics.
- (d) : Other than Rohit and Ashish, John stays far from school.

**Direction for Questions 26 to 30**

The given information can be analysed as under :

	Dramatics	ComputerSc.	Physics	History	Mathematics
Madhu	✓	✓	✓		
Shobha	✓	✓		✓	
Anjali			✓	✓	✓
Poonam	✓		✓	✓	
Nisha			✓	✓	✓

26. (c) : Shobha is good in Computer Science, History and Dramatics.  
 27. (c) : Madhu is good in Physics, Dramatics and Computer Science.  
 28. (a) : Poonam is good in Physics, History and Dramatics.  
 29. (d) : Anjali is good in History, Physics, Computer Science and Mathematics.  
 30. (d) : Nisha is good in Physics, History and Mathematics but not in Computer Science.