

# GITAM UNIVERSITY

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# PUZZLES

# **Intended Learning Outcomes:**

## **By the end of this session, students will be able to:**

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1. Understand the concept of comparisons, sequential order and classification type of puzzles.
2. Solve various types of questions based on comparisons, sequential order and classification type of puzzles.



- 1) Three persons named Georgia, Rio and Austin are staying in three different places among Georgia, Rio and Austin. They were born in three different places among the cities Georgia, Rio and Austin. It is observed that no two among their name, birth place and the place in which they stay are the same. It is also given that Georgia stays in Austin.

Then find:

Austin stays in\_\_\_\_\_.

Rio was born in\_\_\_\_\_.





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Austin stays in\_\_\_\_\_.

Rio was born in\_\_\_\_\_.

NAME	BIRTH PLACE	STAYING PLACE



Four persons A, B, C, D participated in a race in four different four wheelers. The four wheelers were named Thar, Scorpio, XUV 300 and Bolero. A won the race but he did not own the Thar. C owns the Scorpio, but he is not the second one to complete the race. The person who owns the Thar completed the race immediately before B. B does not own the XUV 300.





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RANK	NAME	CAR





Each of the five players - Rohit, Rahul, Virat, Dravid and Sehwag – plays a different game among Cricket, Hockey, Badminton, Basket ball and Tennis. They live in five different cities – Mumbai, Kolkata, Delhi, Chennai and Hyderabad. The following information is also known about them:


- (i) Dravid plays neither Cricket nor Basketball.
- (ii) Rahul is not a Basketball player
- (iii) Sehwag does not play Tennis and the Tennis player does not live in Delhi.
- (iv) Sehwag and Virat do not live in Chennai or Hyderabad and neither of them plays Hockey or Basketball.
- (v) The person living in Chennai plays neither Tennis nor Badminton.
- (vi) Rohit and Rahul do not play Tennis or Badminton and they do not live in Delhi or Chennai.
- (vii) The cricketer does not live in Hyderabad or Mumbai.





Eight persons P, Q, R, S, T, U, V and W are travelling to three different places among Hyderabad, Chennai and Bengaluru by three different cars: a BMW, a Benz and an Audi but not necessarily in the same order. The maximum number of persons travelling in any one given car is three. In each car there are at least one male and one female. Each car is travelling to only one place.

Only V and U's sister are travelling to Bengaluru. Q and T are travelling by the same car but it is not the BMW. R, P are female, and they are travelling to the same place, but not to Hyderabad. P and P's brother W are travelling by different cars. Two females are travelling by Benz. S is not travelling by BMW.





Each of the seven sport persons P, Q, R, S, T, U and V are from a different country among Australia, China, India, Japan, Korea, Russia and the USA. They participated in different sports : Archery, Football, Hockey, Golf, Basketball, Tennis and Diving but not necessarily in the same order. Each of them won exactly one medal among Bronze, Silver and Gold. At least two persons owns one medal each of Bronze, Silver and Gold medals.

T participated in Basketball but is neither from Korea nor from Russia. S is from China but participated neither in Diving nor in Football. Only P and R won the Bronze but not in Diving. Neither P nor R is from Korea. The person from Japan won Silver for Archery - Q participated in Hockey. Neither of the two U and the person from Korea participated in Tennis. Only U and the person from China won the Gold. U is neither from the USA nor from Russia. The person from Australia participated in Golf and won the Bronze but is not P.

Each of the seven persons A, B, C, D, E, F and G is working in a different bank among State Bank, Union Bank, and Bank of Baroda. Each of them lives in a different apartment among –Satya Sadan, Joy Villa and Balaji Heights but not necessarily in the same order. At least two persons are working in each bank and at least two persons live in each apartment. The persons living in the same apartment are not working in the same bank.

- (i) F is not working in Union Bank but lives in Joy Villa.
- (ii) Three persons are working in State Bank. G does not live in Satya Sadan.
- (iii) C works in Union Bank but does not live in Satya Sadan.
- (iv) The persons who live in Joy Villa are not working in Bank of Baroda.
- (v) B lives in Joy Villa but does not work in the same bank as E is working.
- (vi) D does not work in Bank of Baroda but lives in the same apartment in which C lives.
- (vii) E and G work in the same bank.





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# THANK YOU