



Read the following information carefully and then answer the questions (Q.No1 to 4) based

Torder (X)

on it:

There is a family of six persons P, Q, R, S, T and U. Their professions are Engineer,

Doctor, Teacher, Salesman, Manager and Lawyer.

1). There are two married couples in the family.

2). The Manager is the grandfather of U, who is an Engineer

3). R, the Salesman, is married to the lady Teacher

4). Q is the mother of U and T.

5). The Doctor, S is married to the Manager.

1. How many male members are there in the family?

- A. Two
- B. Three
- C. Data inadequate 🖌
- D. Four
- Q2. What is the profession of P? V
  - A. Lawyer

B. Lawyer or Teacher

- 2. Manager
- D. None of these

Q3. Who are the two married couples in the family?



- PS and RQ
  - C. PT and SR
  - D. None of these

Q4. How P is related to T?

A. Father

5. Grandfather

- C. Mother
- D. Grandmother

# **Comparison based**



E Read the following statement carefully and answer the following questions. A,BCD,E,F,G,H are eight friends, three of them play cricket and table tennis each and two of them play football. Each one of them has a different height. **1** The tallest does not play football and the shortest does not play cricket. 2. F is taller than A and D but shorter than H and B. 3. E who does not play cricket, is taller than B and is second to the tallest. G is shorter than D but taller than A. C) **(TT**) . H, who is <mark>fourth from the to</mark>p, plays table tennis with D. ✓5. G does not play either cricket or football, B does not play football. CR. 3 FB - 21 FB LR 12 LFB F (R TT D F G FB. D A

Q1. Who is the tallest?

- Α. Β
- C.

1

С. Н

D. Data inadequate

Q2. Who is the shortest?

A. G

B. D

### C. A

D. Data inadequate

Q3. Which of the following pairs of friends play football?

#### A. EF

### B. EA

C. HF

D. Data inadequate

Q4. What is F's position from the top when they arranged in descending order of their height?

# . Fifth

- B. Fourth
- C. Sixth
- D. Data inadequate

Q5. Which of the following group of friends play cricket?

A. CAE

D. CBF

C. CBA

D. Data Inadequate



C B B A= B B = C Logics (Venn diagram) A=C C (1) premises (1 & TI) conclusion valid True J Trule Invalid 2) premises (palse) -> conclusion (7) (1) - T()-TQ1 Most corporation lawyers are conservatives Miriam Graf is a corporation lawyer. Therefore Miriam Graf is probably a conservative. - C -> Time lar's A. False Dang ь. True C. Both D. None P-2 T True P-1 T Q2. All mammals have lungs. All whales are mammals. Therefore all whales have lungs. A. Valid B. Invalid C. Both (valued) P-I- True (+)- | P-(1) - File p-I- True (+)- | P-(1) - File p-C2) - Eile / valid p-C2) - Eile / valid C-> True (+) | C-> (+) Falle D. None







Q3. All four-legged creatures have wings. All spiders have exactly four legs. Therefore all spiders have wings. A. Invalid 5. Valid Both C. D. Uncertain Trnl Q4. If I owned all the gold in Fort Knox, then I would be wealthy. I do not own all the gold in Fort Knox. Therefore I am not wealthy. Black money A. Valid Invalid C. Certain D. Uncertain Q5. If Bill Gates owned all the gold in Fort Knox, then Bill Gates would be wealthy. Bill Gates does not own all the gold in Fort Knox. Therefore Bill Gates is not wealthy. A. Valid в. Invalid C. Both D. None Q6. All fishes are mammals. All whales are fishes. Therefore all whales are mammals. A. Valid B. Invalid C. Certain D. Uncertain Q7. All mammals have wings. All whales have wings. Therefore all mammals are whales.



