Analytical Reasoning

Check Your Concepts

Q.I. Match the following:

Directions: Given below are two columns - column I and column II. Match the two columns and write the correct answer in the given blank grid.

1. Read the following information and match the columns given below it.

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.

Column – I (Teachers)		Column – II (Subjects)	
Α.	А	(i)	Geography, Eng
B .	В	(ii)	Math /Hindi
C .	С	(iii)	History, French
D .	D	(iv)	Hindi, English, Math
Ε.	E	(v)	Hindi, English, Geography, History, French

Q.2. Fill in the blanks:

- **1.** Study the information below to answer these questions.
 - Seven types of paints A, B, C, D, E, F and G of different colours red, green, yellow, black, blue, white and orange are filled in different tins P, Q, R, S, T, U and V.
 - The order of the types of paints, colours and the tins is not necessarily in the same order.
 - Paint B is not kept in tins Q or R and is white in colour.
 - Paint D is kept in tin V and is not blue or red.
 - F is kept in tin P and is green in colour.
 - Paints C and E are kept in tins T and U respectively and are black and yellow in colour respectively.
 - G is not blue in colour.
 - Red paint is not kept in tin Q.

A. Now, fill in the blank spaces of following table.

Paint	Colour	Tin
А		
В		
С		
D		
E		
F		
G		

B. Answer the following questions.

(i) Which paints is orange in colour?

(ii) Paint B is kept in which tin?

(iii) Which tin contains blue paint?

(iv) Which paint is red in colour?

Ans.

Q.3. True / False:

Directions: Read the following statements and mark your response as true or false. Rewrite the correct statement(s) in the box provided below, in case of false statement(s).

1. Study the information below and state whether true or false.

Arnar, Akbar, Anthony are three friends. Only three colours are available for their shirts, viz. Red, Green and Blue. Amar did not wear red shirt. Akbar did not wear green shirt. Anthony did not wear blue shirt.

A. If Akbar and Anthony wear the same colour, then state whether true or false.

(i) Arnar wears blue and Akbar wears green	[]
(ii) Amar wears green and Akbar wears red	[]
(iii) Amar wears blue and Akbar does not wear blue	[]
(iv) Anthony wears red	[]

B. If two of them wear the same colour then state whether true or false.

(i) Amar wears blue and Akbar does not wear green	[]
(ii) Amar does not wear blue and Akbar wears blue	[]
(iii) Amar does not wear blue and Akbar does not wear blue	[]
(iv) Amar wears green. Akbar does not wear red. Anthony does not wear green	[]

Q.4. Multiple choice questions:

Directions: Read the following questions and choose the answer that best answer the questions.

- 1. A, B, C and D are to be seated in a row, But C and D cannot be together. Also, B cannot be at the third place.
- (i) Which of the following must be false?

(a) A is at the first place	(b) A is at the second place
(c) A is at the third place	(d) A is at the fourth place

(ii) If A is not at the third place, then C has which of the following options?

(a) The first place only	(b) The third place only
(c) The first and third place only	(d) Any of the places

- (iii) If A and B are together, then which of the following must be necessarily true?
 - (a) C is at the first place (b) D is at the first place
 - (c) C is not at the first place (d) A is at the third place