

- Q 8** The assignment model is a special case of the _____ model.
 (a). maximum-flow (b). Transportation
 (c). Shortest-route (d). none of the above

Q9 What do you mean by two person zero sum game?

- (a). Profit= loss (b) There are two players
 (c). 1 and 2 (d). None of the above

Q10 Which one is not the method of game theory...

- (a).Oddoment (b).Probability
 (c). Saddle point (d). All of the above

B. Long type Questions:

Q1. Solve Transportation Problem

	W1	W2	W3	W4	Supply
F1	13	11	15	40	2
F2	17	14	12	13	6
F3	18	18	15	12	7
Demand	3	3	4	5	15

Q2. Two players R and C have one coin each. After a signal each of them exposes the coin. Player R wins a unit when there are two heads, wins nothing when there are two tails and loses 1/2 unit when there is one head and one tail. Determine the payoff matrix, the best strategies for each player and the value of the game.

Q3. Find the critical path and all floats

Activity	Expected time
1-2	7
1-6	6
2-3	14
2-4	5
3-5	11
4-5	7
6-7	11
5-8	4
7-8	18