

O.R

- (a) Which are the main Inventory Models? Explain any one Model in detail. (9)
- (b) Explain in reference to Inventory control: Lead time, EOQ, Inventory holding cost. (9)

SECTION-II

Que.3

- (a) What is mean by Decision Tree? How it is useful in Decision making ? (8)
- (b) The cost of of an item is 10 Rs. and Selling price is 30 Rs. How many units are to be prepared per week by the manufacture for best strategy ? (9)

Demand per week	10	20	30	40	50
Numbers of weeks	5	15	15	10	5

O.R.

- (a) Write short note: 1. EMV 2. EVPI
- (b) From the following payoff matrix find EMV, EVPI, EPPI and give your opinion for best act.

State of nature	Probability	Act.....
		P	Q	R	S
A	0.25	50	10	60	80
B	0.40	0	30	45	40
C	0.35	80	35	30	45

Que.4

Write short note (Any TWO)

- (1) Deming's fourteen points of Quality Management.
- (2) Tools and Techniques of T.Q.M
- (3) Principles of T.Q.M

(A decorative wavy line consisting of many small, repeating wave-like patterns.)

(2)