

Total No. of Questions – 5]
(2022)

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M.B.A. Examination

OPERATION MANAGEMENT

Paper : 206

(Semester-II)

Time : Three Hours]

[Maximum Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt all questions by selecting any *one* from each unit. Non-scientific calculator shall be allowed.

1. What are the different types of production process explain with suitable examples?

OR

Discuss various techniques used to manage the production control system for floor processes. (12)

2. Rate the vendor by using following data :

Vendor →	A	B	C
Quantity Supplied	1000	1100	1200
Quantity Accepted	930	980	1080
Price per Unit (Rs.)	5.0	5.2	4.9
Delivery promised	6 week	6 week	6 week
Actual delivery	7 week	7.2 week	6.6 week

Assume weightage for quality 70%, Price 15% and delivery 15%.

OR

Explain the concept of Economic Order Quantity and purchasing functions. (12)

3. What are the components need to be dealt while developing the process and product layout?

OR

Define work study and explain its significance in operations management. (12)

4. Discuss the various steps in PERT technique?

OR

Find out the critical path and probability that project would be completed in 30 days.

Act	1-2	1-3	1-4	2-5	3-5	4-6	5-6
t_o	2	4	1	5	2	6	4
t_m	5	10	7	8	8	9	7
t_p	8	16	13	11	14	12	10

(12)

5. Describe the concept of control charts for variables and attributes.

OR

Using the following data relating to 8 samples of 10 each items calculate control limits :

Sample	1	2	3	4	5	6	7	8
No. of Defects	1	2	4	1	1	3	2	3

(12)
