

ANDHRA UNIVERSITY
SCHOOL OF DISTANCE EDUCATION
MASTER OF BUSINESS ADMINISTRATION (Old Regulations)
II YEAR ASSIGNMENT QUESTION PAPER 2010-11

203: PRODUCTION MANAGEMENT

Assignment No 1

Answer All Questions:

5 x5 =25 Marks

1. What is Operations Management? What is Production Management? Bring out the difference between the two.
2. (a) What do you understand by the term “Production Planning and control”? Explain briefly the objectives of PPC.

(b) What are the aims of Value Engineering? Explain briefly the steps in Value Engineering.
3. What are the key factors to be considered in location of a corporate hospital? Discuss with examples.
4. Explain the concept of Quality control and its various methods.
5. (a) Define motion study. Explain tools and techniques of motion study.

(b) Elucidate ABC analysis as a inventory control technique with examples.

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Assignment No. 2

Answer All Questions:

5x5=25 Marks

1. What is material handling? Explain the functions and principles of material handling.
2. (a) What are the various types of maintenance? Discuss the modern approaches to preventive maintenance.
(b) following details are known for a group of items

Group	No. of Item Group	Average weekly consumption / item	Price per item (Rs.)
I	310	16	4
II	50	5	10
III	50	390	15
IV	240	6	2
V	50	10	8
VI	50	200	10
VII	125	55	5
VIII	125	25	14

Find out A,B & C items on the assumption that
 'A' items account for 80% of the total consumption value
 'B' items account for 15% of the total consumption value, and
 'C' items account for 5% of the total consumption value

Calculate the actual percentage of A, B & C items to the Total consumption value.

3. Following is the record of defectives observed during inspection of a component. Draw the relevant control chart and comment on the result.

Sample No	Sample size	No.of defectives
1	25	3
2	50	5
3	45	1
4	55	2
5	35	0
6	40	1
7	50	9
8	65	2
9	30	3
10	25	2
11	55	5
12	40	4
13	50	3
14	25	2
15	40	2

4. What is process planning? Explain about process selection decision, process design and steps in process planning.
5. What is work measurement? Explain about time study standards and its applications in office works.