

Total No. of Printed Pages : 2

Total No. of Questions : 10



MBAS 455

Sl.No. : 0497

II Semester M.B.A. Degree Examination, May 2018
BUSINESS ADMINISTRATION
Production and Operations Management

Time : 3 Hours

Max. Marks : 70

Sri Dharmasthala Mahalingaiah
College of Business Management, Mangalore
Post Graduate Centre for Management
Studies and Research Library

SECTION - A
(Compulsory)

Note : Answer to the question should not exceed six pages. (1 × 15 = 15)

Q1) Discuss in detail the role of primary and secondary factors influencing selection of facility location.

SECTION - B

Note : Answer any five of the following questions. Each question carries 8 marks.
Answer to the question should not exceed five pages. (5 × 8 = 40)

Q2) What are the different types of production systems? Explain with suitable examples.

Q3) Explain the importance of production planning and control.

Q4) Explain the steps in new product development.

Q5) What are the characteristics of a good plant layout?

Q6) Explain the factors affecting capacity planning.

Q7) What is JIT? Explain the pre-requisites for its implementation.

Q8) What are the aims and objectives of quality control techniques?

Q9) Potential locations A,B, and C have the cost structures as shown below for producing a product expected to sell for Rs.3250 per unit. Find the most economical location for an expected volume of 2750 units per year.

Site	Fixed Cost/year (Rs.)	Variable cost/(Rs.)
A	65,00,000	1,200
B	75,00,000	560
C	55,00,000	4,250

SECTION-C
(Compulsory)

Note : Answer to the question should not exceed six pages.

(1 × 15 = 15)

Q10) Consider the following 2 machines and 5 jobs flow shop scheduling problem. Using Johnson's algorithm, obtain the optimal sequence which will minimize the make-span.

Job	Time in hours	
	Machine 1	Machine 2
1	7	8
2	1	4
3	15	12
4	8	5
5	11	6
