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Paper Code :DMB-123
Roll No.

MBA-8

1st Year Examination, Academic Batch 2017-18

(A) Production & Operation Management

(B) Business Statistics

Time : 3 Hours]

[Max. Marks : 100

Note. (A) Attempt any **five** questions.

(B) Each question carries equal marks. (20*5)

Q.1 Define production and production management. What is the scope, objective and functions of production management.

Q.2 What is Plant Layout? What are the characteristics and different types of Plant Layout?

Q.3 Write a brief note on total productive maintenance.

Q.4 Define material handling. Explain its function, principles and advantages?

Q.5 What is the probability that a leap year selected at random will contain either 53 Thursdays or 53 Fridays?

Q.6 A population consists of five numbers 2, 3, 6, 8, 11. Consider all possible samples of size two which can be drawn without replacement from the population. Find

- a) The mean of the population b) Standard deviation of the population
- c) The mean of the sampling distribution of means d) The Standard deviation of the sampling distribution of means

Q.7 Out of the numbers 1 to 100, one is selected at random. What is the probability that it is divisible by 7 or 8?

Q.8 Let A, B and C be three mutually and exhaustive events, Find $P(B)$, if $\frac{1}{3}P(C) - \frac{1}{2}P(A) = P(B)$