**M.E.S. COLLEGE OF ARTS & COMMERCE, ZUARINAGAR - GOA**

**B.COM CBCS SEMESTER V END (REGULAR & REPEAT) EXAMINATION, JANUARY 2022**

**CC15- Industrial Management COC111**

**Duration: 2 Hours Max. Marks.: 80**

**Instructions:** 1. All Questions are compulsory. However, internal choice is available.

2. Answer sub- questions in Question No. 1 and Question No.2 in not more

than 100 words each.

3. Answer Question No.3 to Question No.6 in not more than 400 words each.

Q.1 Write short notes on the following (any four): **(4x4=16)**

1. Significance of Scientific Management.
2. Fixed Position Layout
3. Significance of Higher Industrial Productivity (Any Four)
4. Briefly explain any four Factors affecting Work Environment
5. Role of National Productivity Council (NPC)
6. Performance Benchmarking

Q.2 Write short notes on the following (any four): **(4x4=16)**

a) Critical Path Method.

b) Deming Wheel.

c) Factors affecting Industrial Productivity.

d) Any four Principles of TQM.

e) Mechanical causes of Industrial Accident.

f) Objectives of Just In Time

Q.3 A) Explain the factors influencing Plant Layout. (**12)**

**OR**

B) Explain the principles of Scientific Management. (**12)**

Q.4 A) Explain the suitable measures to improve Industrial Productivity.  **(12)**

**OR**

B) Explain the different types of Occupational Hazards. . (**12)**

Q.5 A) What are the benefits of TQM? (**12)**

**OR**

B) What is Benchmarking? Explain the steps involved in Benchmarking Process. (**12)**

Q.6 A) What are the effects of Industrial Accidents on Employer, Employees and Society? (**12)**

**OR**

B) Explain Legal Provisions regarding Health and Safety of the Employees. (**12)**