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Roll No

ME-6001-CBGS

B.E. VI Semester

Examination, December 2020

Choice Based Grading System (CBGS)

Industrial Engineering

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) Write down importance of PPC in an organisation?
b) Discuss various types of production.
2. a) Compare CPM and PERT techniques.
b) Discuss importance of inventory control.
3. a) What is the function of job evaluation? Explain the various methods of job evaluation?
b) Explain and discuss the need of industrial legislation.
4. a) Explain the basic procedure of method study.
b) What are the purposes of work sampling and what precaution should be taken in work sampling?
5. a) Explain the steps involved in point rating method of job evaluation?
b) "Work study is a tool to enhance productivity". Comment on this sentence.

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PTO

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6.
 - a) What are principles of Motion economy?
 - b) Draw a SIMO chart for sign on a paper.

7.
 - a) Draw the layout of plant location and explain every factor in detail.
 - b) What is meant by Distance volume matrix?

8. Write short note on followings:
 - a) Principle of economic material handling hoisting equipments
 - b) Work sampling
 - c) Industrial dispute Act 1947
 - d) Workman compensation Act 1923
 - e) Therbligs, SIMO chart
