

Roll No.

Total No. of Pages : 01

Total No. of Questions : 08

M.Tech.(CAD/CAM) (Sem.-2)
MANAGEMENT OF PRODUCTION SYSTEM

Subject Code : ME-516

M.Code : 23515

Date of Examination : 18-07-22

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTIONS TO CANDIDATES :

- 1. Attempt any FIVE questions out of EIGHT questions.**
- 2. Each question carries TWENTY marks.**

- a) What is system theory? Explain the components of systems theory.
 - b) Differentiate between an open system and a closed system.
- a) Elaborate Planning and systems concept.
 - b) What is system analysis? Explain with the help of an example.
3. Explain the mathematical analysis models of system analysis. Also, discuss the various components of a mathematical model.
- a) Explain the leadership factors in system design.
 - b) Discuss the behavioural consequences of systems changes.
5. Discuss the steps for tackling the increasing complexity in distribution and production.
- a) What are the key functions of program management? What are traits of Good Program Management?
 - b) Explain the functional stages of program management.
7. What is cybermatic control in management? Explain steps in implementing management cybermatics in controlling a manufacturing firm.
8. Write short notes on any two of the following :
 - a) Computer based system analysis techniques.
 - b) Enterprise control systems.
 - c) Impact of advancing technology on program management.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.