

Code No: R1941031

R19

Set No. 1

IV B.Tech I Semester Advance Supplementary Examinations, March– 2023

INDUSTRIAL MANAGEMENT

(Mechanical Engineering)

Time: 3 hours

Max. Marks: 75

*Answer any FIVE Questions
ONE Question from Each unit
All Questions Carry Equal Marks*

UNIT I

- 1 a) Explain the role of Industrial Engineer in Industrial Management how was the Industrial Engineering developed? [7]
b) Difference between production Management and Industrial Management also write suitable examples? [8]
- (OR)
- 2 a) List out Quantitative tools in Industrial Engineering and discuss any two of them? [7]
b) How is production Management useful Industrial Engineering briefly discuss about it? [8]

UNIT II

- 3 a) What are the factors Influence in the selection of location of plant also discuss each of one of them? [7]
b) What are the causes of break down what are the necessary precautions to prevent the break down? [8]
- (OR)
- 4 a) What are the quantitative techniques used for optimum design of plant layout and discuss any one of them? [7]
b) Write the differences between product layout and process layout also mention their advantages and disadvantages? [8]

UNIT III

- 5 a) What are the types of production? discuss any two of them? [7]
b) What is the necessary of work sampling? What are the steps involved in process of works sampling? [8]
- (OR)
- 6 a) What are the objectives of method study and work study? Briefly discuss about it? [7]
b) What is meant by process chart? What are the steps involved in a draw the process chart? [8]



UNIT IV

- 7 a) Explain in details about statistical quantity control and quantity assurance and mention their advantages? [7]
b) What are the parameters that can be measured using the variable charts? How do you construct the P-Chart? Mention the advantages? [8]

(OR)

- 8 a) Difference between variable charts and attribute charts also write their advantages and limitations? [7]
b) Discuss the applications a I.S.O Quality systems? [8]

UNIT V

- 9 a) Explain the procedure of Job Evaluation by taking a suitable example? [7]
b) What are the differences between Human Resources management and personal management? [8]

(OR)

- 10 a) What are the types of merit rating and discuss the any two of them? [7]
b) What is meant by wage incentives? Discuss the types of wage incentive? [8]

