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P.E.S. College of Engineering, Mandya - 571 401

(An Autonomous Institution affiliated to VTU, Belagavi)

Eighth Semester, B.E. - Industrial and Production Engineering

Semester End Examination; July - 2021

Product Planning and Control

Time: 3 hrs

Max. Marks: 100

Note: Answer any FIVE full questions.

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| 1 a. | List the long term objectives of forecasting. | 10 |
| b. | List the application for purposes of sales forecast. | 10 |
| 2 a. | Describe the terms; production, planning, and control. | 10 |
| b. | Explain the principles of sound production control system. | 10 |
| 3 a. | Explain the various kinds of partial productivity measurement. | 10 |
| b. | Describe the importance of productivity. | 10 |
| 4 a. | Explain the productivity improvement procedure. | 10 |
| b. | Explain the relationship between productivity and standard of living. | 10 |
| 5 a. | Discuss the various factors which influence location decisions. | 15 |
| b. | Explain the single facility location decision when the dominate factors are measurable costs. | 5 |
| 6 a. | Discuss the different principles of effective plant layout in the industry. | 10 |
| b. | List and explain the any four factors affecting plant layout. | 10 |
| 7 a. | Explain the role of computer in production control. | 10 |
| b. | Discuss on computer control in production process. | 10 |
| 8 a. | List the five information classification. | 10 |
| b. | List the management needs for information. | 10 |
| 9 a. | List and explain the five principle of record management. | 10 |
| b. | List the objectives or functions of reports. | 10 |
| 10 a. | Explain the advantages of a good filing system. | 10 |
| b. | List and explain the steps in filing routine. | 10 |

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