

## Question Bank (G-scheme)

**Name of subject: Production Engg. & Robotics**

**Unit Test: I**

**Subject code: 17609**

**Course: ME6G**

### Semester: VI

#### **Chapter1. PRODUCTION SYSTEM**

**Marks**

- |   |   |
|---|---|
| 1) Define production and production system with example             | 3 |
| 2) Define productivity. List types of production system.            | 4 |
| 3) State four points on the importance of productivity.             | 3 |
| 4) Define process production. Write its advantages & disadvantages. | 4 |

#### **Chapter2. PLANT LOCATION, PLANT LAYOUT & MATERIAL HANDLING**

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|---|---|
| 1) Define plant location. Explain importance of site selection. | 3 |
| 2) Explain the factors affecting site selection.                | 4 |
| 3) Define Plant Layout & write its application.                 | 4 |
| 4) State the symptom of bad plant layout.                       | 3 |
| 5) State advantages & disadvantages of fixed position layout.   | 4 |
| 6) list the material handling system and explain any one        | 3 |

#### **Chapter3. PROCESS PLANNING**

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|--|---|
| 1) Define process planning. Explain various steps in process planning. | 4 |
| 2) State & explain operation sheet                                     | 4 |
| 3) Define inspection and its stages                                    | 3 |

#### **Chapter4. PRODUCTION PLANNING & CONTROL**

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|--|---|
| 1) Write a short note on concept of line balancing.      | 3 |
| 2) Define dispatching & routing                          | 4 |
| 3) Explain in short “scheduling” & “production control.” | 4 |
| 4) Explain Gantt Chart                                   | 3 |
| 5) Explain Routing and Route Sheet                       | 4 |