

## **SECTION-B**

**Note:** Short answer type questions. Attempt any Six questions out of eight questions. (6x5=30)

- Q.11 Explain any five advantages of process layout
- Q.12 Explain principles of human motion economy in brief.
- Q.13 Explain the concept of 5S for quality control in brief.
- Q.14 Explain any five factors affecting plant layout
- Q.15 Explain any five factors in material handling problems in a manufacturing industry.
- Q.16 Explain process & procedure of scheduling
- Q.17 Explain use & application of C-chart in statistical Quality Control
- Q.18 Explain five objectives of SQC

## **SECTION-C**

**Note:** Long answer questions. Attempt any one questions out of two questions. (1x10=10)

- Q.19 Explain various elements and objectives of quality control in detail
- Q.20 Differentiate between CPM & PERT technique with the help of a suitable example

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**DVOC - Level -5**  
**1st Sem / Industrial Tool Manufacturing**  
**Subject : Industrial Engineering**

Time : 2 Hrs.

M.M. : 50

## **SECTION-A**

**Note:** Very short questions. Attempt all ten questions. (10x1=10)

- Q.1 Draw the therblig symbol for Assemble.
- Q.2 Write any two transportation devices used in a manufacturing industry.
- Q.3 What is mean?
- Q.4 What is frequency distribution?
- Q.5 What is use of Man and Machine chart?
- Q.6 Define standardization
- Q.7 What is performance rating?
- Q.8 What is KAIZEN?
- Q.9 Write two main duties of inspection foreman
- Q.10 Draw the therblig symbol for Transport loaded

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