

## SECTION-B

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

- Q.11 Write short note on centre lathe and operations.
- Q.12 Explain drum type transfer machines.
- Q.13 Write short note on automatic inspection methods.
- Q.14 Explain the gear hobbing method with diagram.
- Q.15 Explain electro-coating process.
- Q.16 Write the properties and composition of CBN.
- Q.17 Explain the combinations tools with example.
- Q.18 Write short note on effect of tool geometry.

## SECTION-C

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

- Q.19 Explain any four surface treatment processes.
- Q.20 Write short note on :
  - a) Mechanical copying system for lathe,
  - b) Anodising

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**1st Sem, Level 5 / DVOC (Production Tech.)**  
**Subject : Production Technology**

Time : 2 Hrs.

M.M. : 50

## SECTION-A

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

- Q.1 Define transfer machines.
- Q.2 Define thread milling.
- Q.3 Give the purpose of surface treatment.
- Q.4 Define the ultrasonic cleaning.
- Q.5 Name any four tool materials.
- Q.6 Give the relation between quality and standard.
- Q.7 Define fits.
- Q.8 What do you mean by Sputtering?
- Q.9 Define explosive forming
- Q.10 Define buffing.