

SECTION-B

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

- Q.11 What are the different types of taper turning methods? Discuss any one method with suitable diagram
- Q.12 Discuss any two lathe attachments with neat sketches.
- Q.13 What are the advantages of planer?
- Q.14 Give the comparison between planer, shaper and slotter.
- Q.15 Explain briefly Up-milling process and Down milling process.
- Q.16 Explain briefly about differential indexing with suitable diagram/example.
- Q.17 What is an abrasive? How are abrasive classified?
- Q.18 Define and explain the terms
- i) Jig and
 - ii) Fixture with its uses

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions. (10x1=10)

- Q.19 What are the differences between a Turret and a Capstan lathe?
- Q.20 Explain briefly the principles of jig and fixture design.

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DVOC (Level-5) Semester 1st/Trade DVOC (Industrial Tool Manufacturing) Subject : Machine Tool Technology

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 What is compound rest?
- Q.2 Define feed mechanism.
- Q.3 What is counter boring?
- Q.4 Write any two functions of Slotting machine.
- Q.5 What is indexing?
- Q.6 Define negative rake.
- Q.7 What is abrasive?
- Q.8 Define Plate jig.
- Q.9 Define Honing.
- Q.10 What is tapping?

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