

SECTION-B

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

- Q.11 Describe centre lathe and give its principle of working.
- Q.12 Write the advantages and disadvantages of semi automatic lathe over centre lathe.
- Q.13 Write the working principles of planer and slotter.
- Q.14 Explain with neat sketch 'down Milling'.
- Q.15 Show the main parts of a horizontal milling machine with diagram.
- Q.16 Write a short note on methods of grinding.
- Q.17 Explain the various types of broaches and give their use.
- Q.18 Enlist the main features CNC lathe.

SECTION-C

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

- Q.19 Explain any five operations which can be done on planer, shaper or slotter with diagram.
- Q.20 Define fixture. Explain the various components of a broaching fixture with diagram.

(80) (2) 188753

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DVOC (Level 5)

1st Sem. / Trade: DVOC (Production Tech.)

Subject : (5.GV.01) Machine Tool Technology

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 Write the two advantages of centre lathe.
- Q.2 What is the function of tail stock in a lathe?
- Q.3 Write working principle of planer.
- Q.4 Define counter boring.
- Q.5 Define milling machine.
- Q.6 Define down milling.
- Q.7 Define grinding wheel.
- Q.8 Write the types of work done on a broaching machine.
- Q.9 What are the materials used for making jigs and fixtures?
- Q.10 Define FMS.

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