

No. of Printed Pages : 2

Roll No.

188442

Level 4 / 2nd. Sem. / DVOC

Ref. & Air Cond.

Subject : Manufacturing Technology

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short answer type questions. All questions are compulsory $(10 \times 1 = 10)$

- Q.1 Describe manufacturing technology.
- Q.2 Define shaping.
- Q.3 Describe plumbing.
- Q.4 Name a measuring tool use in carpentry shop.
- Q.5 Describe punching.
- Q.6 Define burring.
- Q.7 Name the gas used in gas fasteners.
- Q.8 Give example of temporary fasteners.
- Q.9 Name two special tools used in mechanical engineering shop.
- Q.10 Write use of spanners.

SECTION-B

Note: Short answer type questions. Attempt any six questions out of eight questions. $(6 \times 5 = 30)$

- Q.11 Name the different types of shops and write nature of work done in them.

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Q.12 Write a short note on riveting.

Q.13 Explain in brief, Cutting and Sawing of wood working operations.

Q.14 Explain uses of any four tools used in Carpentry operations.

Q.15 Define metal joining. Explain classification of metal joining process with examples.

Q.16 Differentiate between AC & DC electric welding.

Q.17 Explain the methodology of forge welding.

Q.18 What is purpose of the striking tools mechanical engineering workshop? Show a striking tool with diagram.

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions. $(1 \times 10 = 10)$

- Q.19 What are operations performed in sheet metal shop. Explain various types of tool used and joints made in sheet metal shop.
- Q.20 What is gas welding? Explain the process of gas welding and equipments used in detail.

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