

No. of Printed Pages : 2

Roll No.

188643

DVOC (Level 4)

Sem / Trade

Subject : Manufacturing Technology-II

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 Define the term deformability.
- Q.2 What is extrusion?
- Q.3 What is core?
- Q.4 What is the use (any one) of filler rod?
- Q.5 Write the name of any four non-destructive methods of testing.
- Q.6 What is flux?
- Q.7 Define the term moulding.
- Q.8 What is sintering?
- Q.9 Define casting.
- Q.10 What is the use of riser?

SECTION-B

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

- Q.11 Write a short note on hot forging.

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- Q.12 What is resistance welding ? Write its various applications.
- Q.13 Write short note on Ultrasonic method of testing.
- Q.14 Give a comparison of AC and DC arc welding.
- Q.15 What is pattern? Write its various functions.
- Q.16 Write a short note on color scheme for pattern defects.
- Q.17 What do you understand by mechanization of foundries? Write in brief about it.
- Q.18 What are the principal methods used to produce metallic powders.

SECTION-C

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

- Q.19 With suitable sketch explain the process of TIG welding. What are its disadvantages?
- Q.20 Explain the various properties of moulding sand.

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