

SECTION-B

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

- Q.11 Enlist the Purpose of Alloying.
- Q.12 Write down the main properties of Glass Wool.
- Q.13 Describe the significance of s curve in steels.
- Q.14 Write down the important properties and engineering use of plastics.
- Q.15 Enlist the uses of Copper Alloys.
- Q.16 Define Lacquer. Give an example write any one characteristic and two uses of it
- Q.17 Differentiate between thermosetting and thermoplastics with examples.
- Q.18 Define Grain boundary and explain its effect on properties of metal.

SECTION-C

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

- Q.19 Explain any two heat treatment Processes in detail.
- Q.20 Write classification, properties and uses of Steel.

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Roll No.

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Sem.2nd (Level-4)

DVOC (Auto Servicing, PT, AMT)

Subject : Material Science & Materials

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very Short Answer Type Questions. All Questions are Compulsory (10x1=10)

- Q.1 Expand P.V.C.
- Q.2 Bakelite is a trade name of _____.
- Q.3 In Iron Carbon diagram lower Critical temperature is_____.
- Q.4 The ability of material to withstand external load without damage _____.
- Q.5 Give an example of Vanishes.
- Q.6 Purest form of Iron is _____.
- Q.7 Write any One property of ferrous metals.
- Q.8 Number of atoms shared by a unit Cell of FCC crystal structure ore _____.
- Q.9 Hindalium is alloy of _____.
- Q.10 Name one Non-Metal.

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