

## SECTION-B

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

- Q.11 Write short note on thermo-setting plastics.
- Q.12 Write the properties of asbestos.
- Q.13 Discuss the main constituents, properties and uses of brick?
- Q.14 Write short note on types of abrasives.
- Q.15 Explain the need of foundation for machines.
- Q.16 Write short note on bearing metals.
- Q.17 Explain the unit of purchase of timber with example.
- Q.18 Differentiate between hard board and batten board.

## SECTION-C

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

- Q.19 Explain the various defects of timber with suitable diagram?
- Q.20 Describe various types, characteristics and application of semi-conductors with examples.

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Roll No. ....

**1st Sem, Level 5 / DVOC (Ref. & Air Cond.)**

**Subject : Engineering Material**

Time : 2 Hrs.

M.M. : 50

## SECTION-A

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

- Q.1 Define resistivity.
- Q.2 What are thermo-plastics?
- Q.3 Define semiconducting materials.
- Q.4 What do you understand by Plywood?
- Q.5 What is the commercial name of Poly-tetra-fluoro-ethylene?
- Q.6 Name any two copper based alloys.
- Q.7 What is the composition of cement?
- Q.8 Expand RCC.
- Q.9 What is silk material?
- Q.10 What are refractory material?