

SECTION-B

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

- Q.11 Explain classification of Plastic insulating materials.
- Q.12 Explain three properties and uses each of Semiconductor materials
- Q.13 Explain any three methods used for preservation of timber.
- Q.14 Explain three properties and three uses of Zinc.
- Q.15 Explain three properties and three uses of Mica.
- Q.16 Explain any five properties of a good conducting material.
- Q.17 Explain five applications of refractory materials.
- Q.18 Explain three properties and three uses of Silver.

SECTION-C

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

- Q.19 Explain five properties and use each of Cork and Asbestos.
- Q.20 Explain Physical, Mechanical & Electrical properties of Copper metal in detail. Write its five uses also.

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Level 5, 1st Sem / (DVOC) Ref and Air cond.

Subject : Engineering Materials

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 What is bearing capacity of soil?
- Q.2 Write two uses of Veneer Board.
- Q.3 Name any two Lead based alloys.
- Q.4 Define resistivity.
- Q.5 Tell the composition of Babbitt metal.
- Q.6 Write two uses of Zinc.
- Q.7 What are two uses of RCC.
- Q.8 Write two properties of silk.
- Q.9 Tell any two uses of paper.
- Q.10 Name any two alloys of aluminium.