

SECTION-B

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

- Q.11 What is the difference between Ungrounded and Grounded Power Supply cable?
- Q.12 What are the characteristics of non-metallic sheathed cable?
- Q.13 What are the applications of multiconductor cable?
- Q.14 What are the different types of coaxial cables? Write its uses also.
- Q.15 What is connector? What are the types of connector?
- Q.16 What is the difference between Twinaxial cable and Twin Lead cable?
- Q.17 What is ESD clothing and how does it work?
- Q.18 Differentiate between Unshielded and shielded Twisted pair cable.

SECTION-C

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

- Q.19 What is an optical fibre cable? Explain its working principle?
- Q.20 What are the advantages, disadvantages and uses of Armoured and Unarmoured cable

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Subject : Tools, Equipment and Safety Measures - I

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short questions. Attempt all ten questions. $(10 \times 1 = 10)$

- Q.1 What is non metallic sheathed cable used for?
- Q.2 What is the purpose of grounding?
- Q.3 What material is used for cable sheathing?
- Q.4 What is multi conductor cable?
- Q.5 Expand UTP.
- Q.6 What is the use of Ribbon Cable
- Q.7 How is Twinaxial cable better than Twin lead cable?
- Q.8 What does ESD stand for?
- Q.9 Which type of fiber optic cable is best?
- Q.10 What is the speed of ribbon cable?