

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. 3x10=30

- Q.33 List four stages of fire and explain.
- Q.34 Explain various ways to extinguish electrical fire.
- Q.35 Explain in detail fire fighting techniques for live hazard.
- Q.36 Explain the methods of internal and external storage of toxic and corrosive substances.

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3rd Sem / Fire Tech. & Safety

Subject : Science of Fire Technology

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory (10x1=10)

- Q.1 What is fire.
- Q.2 Define smoke.
- Q.3 What do you mean by combustion.
- Q.4 What are conductors.
- Q.5 Give two examples of insulators.
- Q.6 What is electric hazard.
- Q.7 What is function of fuse.
- Q.8 Write full form of MCB.
- Q.9 Write two extinguishing agents.

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Q.10 What is the full form of LPG.

SECTION-B

Note: Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

Q.11 Explain do you mean by ignition.

Q.12 What are the essential elements for fire.

Q.13 What are hazardous materials.

Q.14 Give examples of hazardous materials.

Q.15 What are different types of electricity.

Q.16 What is junction box.

Q.17 What are switch gears.

Q.18 What is short circuit.

Q.19 Explain heating effect of current.

Q.20 Explain the role of dry sand in fire fighting.

Q.21 What are radioactive substances.

Q.22 What is the material of fuse.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

Q.23 Explain the factors responsible for fire.

Q.24 What is triangle of fire.

Q.25 What are the effects of combustion.

Q.26 What is spontaneous combustion.

Q.27 Explain fire fighting techniques for live installation.

Q.28 Explain various methods of generation of electricity.

Q.29 Differentiate between conductors and insulators.

Q.30 Explain the methods of internal and external storage of flammable and toxic substances.

Q.31 What are different method of fire extinction.

Q.32 Explain the correct medical treatment to be applied in reaction to fire fighting with fats and waxes.

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