

Q.32 Explain the characteristics of hose laying lorry.

SECTION-D

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

Q.33 Explain in detail the characteristics of centrifugal pumps.

Q.34 Explain TTL- hydraulic platform in detail.

Q.35 Explain in detail the different methods of priming.

Q.36 Write short notes on :

- A) High elevation drill
- B) Control unit van

(40)

(4)

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5th Sem. / Fire Tech. & Safety

Subject : Fire Tender and pumps

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Objectives type questions. Attempt all questions. (10x1=10)

Q.1 Give any one characteristic of foam.

Q.2 ISI stands for_____.

Q.3 What is the function of fire extinguisher.

Q.4 What is the need of priming.

Q.5 DCP stands for_____.

Q.6 Where are blowers used.

Q.7 What is the requirement of BIS standards.

Q.8 What is hose drill.

Q.9 TTL stands for_____.

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Q.10 Define specific speed of pump.

SECTION-B

Note: Very Short answer type questions. Attempt any ten questions. $10 \times 2 = 20$

Q.11 What is the function of water relay.

Q.12 Define standard test.

Q.13 Explain priming test.

Q.14 List two limitations of fire extinguishing agents.

Q.15 What is the principle of DCP tender.

Q.16 Why blowers are used.

Q.17 Differentiate between common and centrifugal pumps.

Q.18 Why road test is done.

Q.19 Write the classification of hose.

Q.20 Explain the significance of emergency tender.

Q.21 What is the purpose of stability test.

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Q.22 What is the function of rescue tender.

SECTION-C

Note: Short answer type questions. Attempt any eight questions. $8 \times 5 = 40$

Q.23 Explain the properties of water tender.

Q.24 What are the features of foam crash tender.

Q.25 Explain different types of primers.

Q.26 Explain fault finding, care and maintenance of pumps.

Q.27 Classify different types of common pumps.

Q.28 Explain the importance of hose drill.

Q.29 Explain the characteristics of fire fighting tenders and their standards.

Q.30 Explain design parameters of pumping appliances.

Q.31 What are the characteristics of breakdown van and canteen van.

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