

Seat No. : _____

AB-132

April-2016

B.Sc. (Fire & Safety), Sem.-VI

CC : Fire Safety Risk Assessment & Management

Time : 3 Hours]

[Max. Marks : 70

1. (a) What are the objectives of HIRAC ? Explain in brief. 7

OR

What is FSRAM ? Where FSRAM should be done ? Who are responsible for FSRAM ?

- (b) List out the points must be considered for planning and implementation of HIRAC. 7

OR

What is Health and safety risks ? Explain in brief.

2. (a) Prepare the risk assessment sheet for construction site. Mention at least three activity in risk assessment sheet. 7

OR

What is HSE policy ? Explain the HSE policy ?

- (b) Prepare the risk control sheet for construction site. Mention at least three activity in risk control sheet. 7

OR

Explain the step of risk assessment ?

3. (a) What is Hazard and Operability study ? Explain in brief. 7

OR

Explain Structured What if technique.

- (b) What is Transference of risk ? Explain in detail. 7

OR

Explain Mitigation strategy for risk reduction.

4. (a) Define risk management. Explain term management. 7

OR

Explain Characteristics of risk management.

- (b) Explain Management responsibilities for Fire safety risk management implementation. 7

OR

Explain Role of public in fire safety management.

5. Short Questions : 14

- (1) Compliance risks means.
 - (2) Give any one consequence of environmental risk.
 - (3) What is risk assessment ?
 - (4) Define Risk.
 - (5) What are the things included in means of escape ?
 - (6) The emergency warning must be _____
 - (7) What is residual risk ?
 - (8) Give full form of SWIFT.
 - (9) Give full form of RPN.
 - (10) Shifting the risk to other areas means
 - (a) Avoidance
 - (b) Transference
 - (c) Mitigation
 - (d) Acceptance
 - (11) What is risk management ?
 - (12) As per OSHA when “An employer must prepare and review a written occupational health and safety policy”.
 - (13) Define HSE policy.
 - (14) What is HSE plan ?
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