

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 ?
