

P. P. SAVANI UNIVERSITY

Fifth Semester of B.Sc. Examination
Jan-2021

SSFS3010-Fire Prevention and Protection

06.01.2021, Wednesday Time: 12:30 p.m. to 03:00 p.m. Maximum Marks: 60

A4-20-21
odd
sem-5

Section-A (Total Marks - 30)

Q.1 Very Short Questions (attempt all questions)

(10)
05

1.1 Objectives (10MCQ Compulsory-0.5 mark each)

- 1.1a** The national disaster management authority is headed by
A Prime minister of India
B President of India
C Governor of state
D Chief minister of state
- 1.1b** Bringing down the hazard level below the permissible level its called as the?
A Hazard
B Accident
C Risk
D Safety
- 1.1c** In India national institute of disaster management is located at
A New Delhi
B Punjab
C Gandhinagar
D Ahmedabad
- 1.1d** Effective hazard management largely rely on
A Govt. agencies
B Emergency responses
C Pre-disaster planning
D Volcanoes
- 1.1e** The level of harm by a hazard is governed by
A Magnitude of the hazard
B Frequency of the hazard
C Intensity at the impact point
D All of the above
- 1.1f** Which of the following is not an atmospheric hazard
A Epidemic in human
B Heavy rainfall
C A & B both
D None of the above
- 1.1g** The word disaster comes from
A Greek word
B Latin word
C French word
D Germany word
- 1.1h** Tuberculosis general affects
A Kidney
B Stomach
C Lungs
D Skin
- 1.1i** When do you go to the fire assembly point?
A When discussion about fire safety is taking place
B When the fire alarm goes off
C If you are the first one to see the fire
D When practicing using the different types of fire extinguisher

1.1j	At what point do you sound the fire alarm?	
	A After you try to extinguish it	
	B As soon as you see it	
	C After taking with your supervisor	
	D After you grab all tools from the site	
1.2	Five Questions (Definitions-1 mark each)	05
1.2a	Salvage	
1.2b	Fire	
1.2c	Inspection	
1.2d	Audit	
1.2e	Explosion	
Q.2	Short Notes (attempt any two- 3 marks each)	06
A	Discuss about salvage	
B	Why salvage is necessary?	
C	Procedure of salvage?	
Q.3	Explain in detail (attempt any two-7 marks each)	14
A	Explain the concept of salvage	
B	Described the phase of salvage?	
C	Explain in detail use of salvage	

Section-B (Total Marks - 30)

Q.1 Very Short Questions (attempt all questions)

(10)
05

1.1 Objectives (10 MCQ Compulsory-0.5 mark each)

- 1.1a A hot permit allows you to:
- A Carry out work that can potentially cause a fire
 - B To work on a worksite containing extreme temperatures
 - C Give you the authority to start a fire on the worksite
 - D Allows you to practice fire drill on the worksite
- 1.1b After using a carbon dioxide fire extinguisher, the nozzle gets extremely cold. This is a sign that:
- A You should not use it
 - B It is safe to continue
 - C The materials inside are running low
 - D None of the above
- 1.1c What type of permit needed in order to carry out work that could potentially result in a fire breaking out on the work site?
- A A fire permit
 - B A hot permit
 - C A work permit
 - D No permit is needed
- 1.1d In the event of a fire, everyone is responsible for:
- A Informing the supervisor of what is happening
 - B Pulling the fire alarm if they see a fire
 - C Making sure everyone gets to the fire assembly point safely
 - D None of the above
- 1.1e The fire assembly point can be best described as:
- A Where the fire extinguisher are stored
 - B An area that has a high risk for fires to occur
 - C An area where you are required to assemble in the event of a fire
 - D An area you are required to avoid in the event of a fire
- 1.1f When you see the fire on the worksite, what is the first thing you should do
- A Sound the fire alarm
 - B Tell you, manager
 - C Try and put the fire out
 - D Grab your tools and quickly exit the area
- 1.1g Which of the following types of material is responsible for fueling a class A fire?
- A Oils that you typically cook with
 - B Flammable liquids
 - C Electrical equipment
 - D Wood, plastic, paper and other kind of material
- 1.1h Where should you go if you hear the fire alarm going off?
- A To the supervisor's office in order to inform him what is happening
 - B To the fire assembly point
 - C To the break room to make sure everyone go out
 - D Home, the work day is over
- 1.1i Fires that are fueled by _____ require you to use water fire extinguishers in order to fight them.
- A Live electricity
 - B Gasoline, kerosene, and other flammable liquids
 - C Solid materials; such as wood, paper, and textile
 - D Propane, butane, and other flammable gases
- 1.1j The area you must assemble in the event of the fire is called:
- A The fire safety meeting spot
 - B There is no specific name
 - C The fire assembly point
 - D The supervisor's office

1.2	Five Questions (Definitions-1 mark each)	05
1.2a	Risk	
1.2b	MAH	
1.2c	Injury	
1.2d	Incident	
1.2e	Drill	
Q.2	Short Notes (attempt any two- 3 marks each)	06
A	Roll of the investigator	
B	Explain the Legal implication of fire investigation	
C	Discuss about before fire fighting preparation	
Q.3	Explain in detail (attempt any two-7 marks each)	14
A	Explain the basic step of accident investigator	
B	Explain the industrial fire case study	
C	How can operational measure for salvage work	