



Safety Supervisor (OSHE) SSD/VSQ/Q0102 V1.0 L4.5

Candidate's Name_____	Candidate's Father Name_____
Candidate's ID_____	Center Name_____
Date_____	Scored Marks_____
Candidate's Signature_____	Assessor Signature_____

All questions are compulsory.

The question papers consist of MCQ. You will be given 60 minutes.

Please read all questions carefully

There is no negative marking

Total Marks : 320

Question	Steps	Assessment Criteria
You are working on a construction site where scaffolding work is in progress. Identify five different hazards present at the site and perform a basic risk assessment for each using the Likelihood x Severity matrix. Then, suggest appropriate measures to minimize the risks.	<ol style="list-style-type: none"> 1.Observe the provided scenario (live/photograph/simulation). 2.List five hazards and assess the risk rating (Low/Medium/High). 3.Recommend one control measure for each hazard using the hierarchy of controls (Elimination, Substitution, Engineering Control, Administrative Control, PPE) 	<p>Correct identification of hazards (5 marks)</p> <p>Appropriate risk assessment (5 marks)</p> <p>Relevance of control measures (10 marks)</p> <p>Use of hierarchy of controls (5 marks)</p>
You are asked to demonstrate the selection, inspection, and correct usage of Personal Protective Equipment (PPE) required for working in a noisy and dusty industrial environment.	<ol style="list-style-type: none"> 1.Select PPEs such as safety helmet, dust mask/respirator, earplugs/earmuffs, safety goggles, and gloves. 2.Inspect each PPE for defects before use. 3.Demonstrate the correct way to wear and adjust each PPE. 4.Explain why each PPE is important for the given work environment. 	<p>Appropriate PPE selection for the scenario (5 marks)</p> <p>Inspection for defects and usability (5 marks)</p> <p>Correct demonstration of usage (10 marks)</p> <p>Justification and explanation of PPE relevance (5 marks)</p>
You are working as a Fire Safety Steward in a medium-sized industrial facility. During your routine inspection, you notice that a fire extinguisher in the electrical panel room is showing a low-pressure reading, and a smoke detector in the warehouse section is not functioning properly.	<ol style="list-style-type: none"> 1.Demonstrate and explain the correct method to inspect and ensure readiness of different types of fire extinguishers. 2.Prepare a checklist to inspect fire detection and alarm systems. 3.Show how you would report and escalate issues found in equipment to the safety supervisor. 4.Explain the steps you would take to isolate and temporarily secure the affected area to prevent hazards until equipment is repaired. 	<p>Identification and handling of fire extinguishers (5 marks)</p> <p>Preparation of checklist and inspection steps (8 marks)</p> <p>Escalation and communication procedure (7 marks)</p> <p>Safety securing and interim mitigation steps (5 marks)</p>

<p>During a fire drill in a commercial building where you are deployed as a Fire Safety Steward, a simulated fire breaks out on the second floor. You are assigned to coordinate the safe evacuation of all personnel from the affected floor, ensure accountability, and assist in fire team coordination.</p>	<ol style="list-style-type: none"> 1. Demonstrate how to raise an alarm and initiate the evacuation procedure. 2. Show how you would guide people with disabilities or injuries during evacuation. 3. Conduct a headcount at the assembly point and report missing persons. 4. Explain the use of fire escape routes, fire doors, and safe zones during the drill. 5. Coordinate communication with the fire team and building management. 	<p>Alarm and evacuation initiation (5 marks)</p> <p>Assisting vulnerable individuals (5 marks)</p> <p>Headcount and reporting accuracy (5 marks)</p> <p>Correct usage of routes and safety zones (5 marks)</p> <p>Communication and coordination effectiveness (5 marks)</p>
<p>You are assigned to inspect a construction site where workers are engaged in masonry, welding, and lifting operations. Your task is to perform a hazard identification activity.</p>	<ol style="list-style-type: none"> 1. Visit the site (or refer to a given layout/simulation if physical visit is not possible). 2. Identify at least five hazards related to the current ongoing activities. 3. Categorize each hazard as Physical, Chemical, Biological, Ergonomic, or Psychosocial. 4. Describe the possible consequences of each hazard if left unaddressed. 5. Suggest preventive or control measures to eliminate or minimize each hazard 	<p>Correct identification of hazards (5 marks)</p> <p>Accurate categorization of hazards (5 marks)</p> <p>Relevance and clarity of consequences (5 marks)</p> <p>Appropriateness of control measures suggested (10 marks)</p>
<p>A mechanical maintenance task involves working at height on a scaffold platform with open sides. The site has reported minor incidents of slips and tool dropping. You are tasked to implement a control strategy.</p>	<ol style="list-style-type: none"> 1. Identify the specific hazards associated with the task. 2. Apply the Hierarchy of Controls (Elimination, Substitution, Engineering, Administrative, PPE) to suggest layered control measures. 3. Develop a brief action plan showing how you will implement the suggested controls on-site. 4. Include how you will communicate and monitor the implementation 	<p>Accurate hazard identification (5 marks)</p> <p>Correct application of hierarchy of controls (10 marks)</p> <p>Practicality of the action plan (5 marks)</p> <p>Communication and monitoring strategy (5 marks)</p>
<p>You are appointed as a Safety Officer in a medium-scale manufacturing unit that has recently received a notice from the Directorate of Industrial Safety and Health (DISH) regarding non-compliance with statutory requirements under the Factories Act, 1948 and Environmental Protection Act, 1986.</p>	<p>Prepare a compliance audit checklist covering at least five (5) major statutory requirements under both Acts that must be fulfilled to avoid penalties. Also, explain the importance of maintaining documentation and registers as per legal mandates</p>	<p>Identification of 5 key statutory requirements – 10 Marks</p> <p>Explanation of relevant Acts and rules (Factories Act, EPA, etc.) – 5 Marks</p> <p>Importance of documentation and records – 5 Marks</p> <p>Practical relevance to industry – 5 Marks</p>

<p>A worker in your plant suffered a hand injury while operating an unguarded cutting machine. Preliminary findings indicate a violation of safety provisions under the Factories Act, 1948 and The Employees' Compensation Act, 1923.</p>	<ol style="list-style-type: none"> 1. Draft a legal incident report that includes: 2. Summary of the incident and cause 3. Breach of applicable legal provisions 4. Immediate corrective and preventive measures taken 5. Legal reporting obligations to authorities 6. Worker compensation eligibility and action taken 	<p>Incident summary and cause – 5 Marks</p> <p>Legal breach identification – 5 Marks</p> <p>Corrective/preventive measures – 5 Marks</p> <p>Compliance with reporting procedures – 5 Marks</p> <p>Compensation handling and justification – 5 Marks</p>
<p>Demonstrate the correct procedure for maintaining personal hygiene and workplace sanitation during an 8-hour work shift.</p>	<ol style="list-style-type: none"> 1. Show how to properly wash hands using soap or sanitizer as per WHO guidelines. 2. Identify and use appropriate PPE (Personal Protective Equipment) for a specific task. 3. Describe and demonstrate how to clean and sanitize your workstation before and after work. 4. Dispose of waste material (e.g., tissue, PPE) in designated bins correctly. 5. Maintain a personal hygiene checklist for a workday (oral care, nail trimming, uniform cleanliness, etc.) 	<p>Correctness and completeness of hygiene practices (5 marks)</p> <p>Use and understanding of PPE (5 marks)</p> <p>Workplace sanitation practices demonstrated (5 marks)</p> <p>Proper waste disposal and awareness (5 marks)</p> <p>Daily personal hygiene routine checklist and explanation (5 marks)</p>
<p>Demonstrate a mock drill or role-play focusing on maintaining environmental safety and promoting psychological well-being at the workplace.</p>	<ol style="list-style-type: none"> 1. Prepare a short scenario involving poor environmental practices (e.g., water spillage, open wires, loud noise). 2. Identify risks and demonstrate preventive measures (e.g., signage, housekeeping, use of earplugs). 3. Conduct a peer counselling session or share techniques to reduce workplace stress (e.g., breathing exercises, positive affirmations). 4. Suggest two low-cost eco-friendly initiatives for the workplace (e.g., using plants, reducing plastic). 	<p>Identification of environmental hazards and corrective action (10 marks)</p> <p>Implementation of psychological well-being activity (5 marks)</p> <p>Participation and clarity in role-play/mock drill (5 marks)</p> <p>Innovation in eco-friendly workplace ideas (5 marks)</p>
<p>You are appointed as a Safety Supervisor at a large construction site. The site includes scaffold work at various heights, heavy equipment movement, and flammable material storage. The management has instructed you to conduct a mock emergency drill for a fire</p>	<ol style="list-style-type: none"> 1. Prepare a step-by-step emergency drill plan including roles and responsibilities of workers, supervisors, and emergency response teams. (10 marks) 2. Identify and list at least 5 types of emergency equipment and resources to be arranged before the drill. (5 marks) 3. Demonstrate or simulate the alarm-raising, evacuation, and rescue procedures as per the emergency plan. (5 marks) 	

<p>and fall-related incident to check the preparedness of the workforce.</p>	<p>4. Conduct a post-drill debriefing and record findings including gaps, improvement areas, and corrective actions. (5 marks)</p>	
<p>Your team is assigned a task in a confined space (underground tank) at an industrial site. As a safety professional, you are required to plan and organize emergency preparedness specifically for this operation.</p>	<p>1. Identify and document potential hazards in the confined space task and determine the type of emergency that could arise. (5 marks)</p> <p>2. Develop an Emergency Response Plan (ERP) specific to confined space activities, including entry/exit control, atmospheric monitoring, and rescue arrangements. (10 marks)</p> <p>3. Conduct a toolbox talk and demonstrate the use of rescue equipment like tripods, breathing apparatus, and harnesses. (5 marks)</p> <p>4. Prepare a checklist for periodic review of the emergency preparedness and simulate the response procedure. (5 marks)</p>	
<p>You are working as a Safety Supervisor on a construction site. One of your key responsibilities is to ensure effective communication with your team to avoid accidents and ensure smooth workflow. Based on your understanding of employability skills:</p>	<p>1. Identify three current challenges in communication or coordination you face with your team.</p> <p>2. Prepare a Personal Development Plan (PDP) to overcome these challenges.</p> <p>The PDP should include:</p> <p>A) Goal(s)</p> <p>B) Action Steps</p> <p>C) Resources Required</p> <p>D) Timeline</p> <p>E) Expected Outcome</p>	<p>Ability to analyze workplace communication gaps</p> <p>Clarity and relevance of goals set in the PDP</p> <p>Practical and achievable action steps</p> <p>Use of SMART (Specific, Measurable, Achievable, Relevant, Time-bound) format</p> <p>Presentation and documentation of the PDP</p>