

Model Questions and Answers of Industrial Health & Safety

Sr.No	Question	Options	Answer
Q1.	An expression of the impact and possibility of a mishap in terms of potential mishap severity and probability of occurrence is	a) Risk , b) Hazard, c) Mishap, d) Safety	Risk
Q2.	How can workers best contribute to a positive safety culture in the workplace?	a) They should report unsafe conditions after an accident has occurred, b) All options are correct, c) They should report any unsafe conditions as soon as possible, d) They should know the location of the first aid kit and accident book	All options are correct
Q3.	The indirect cost of accident is	a) Cost of lost time of injured worker, b) Money paid for treatment of worker, c) Compensation paid to worker, d) All options are correct	Cost of lost time of injured worker
Q4.	Accidents are	a) Preventable, b) Costly, c) Both preventable and costly, d) Part of life	Both preventable and costly
Q5.	If I have an accident or injury I should	a) Tell my supervisor, b) Fix what I broke, c) Keep working and not worry about it, d) Report it within a week	Tell my supervisor
Q6.	Most accidents are caused by	a) Bad weather, b) People, c) Equipment, d) Poor directions	People
Q7.	I can help prevent accidents by	a) Using my own equipment, b) Riding in car pools, c) Doing only what I am trained to do, d) Helping others with their jobs	Doing only what I am trained to do
Q8.	Most slip and fall accidents are caused by	a) Things left on floors and walkways & not watching where you walk, b) Rain puddles, c) Not watching	Things left on floors and walkways & not watching where

		where you walk, d) Things left on floors and walkways	you walk
Q9	To help prevent accidents, people who use tools must	a) Be trained and authorized to use them, b) Be very careful, c) Not wear glasses, d) Not be sleepy	Be trained and authorized to use them
Q10	Which of the following situations could lead to an accident	a) Drinking coffee, b) Reading on my break, c) Not getting a good nights rest before work, d) Asking a supervisor how to do a job	Not getting a good nights rest before work
Q11.	Safety meetings should be used to:	a) orient individuals on safety and health techniques and philosophy, b) empower employees as problem solvers and decision makers, c) identify and correct hazards through review of JSAs, inspections, and observations, d) All given options are correct	All given options are correct
Q12	Safety and health committees are usually responsible for:	a) policy, practice, and process, b) All the given options are correct, c) inspection and investigation, d) problem analysis and solving	All the given options are correct
Q13	Which of the following personal protective devices would require training, fit testing, and medical authorization?	a) respirator, b) safety shoes, c) safety glasses, d) gloves	respirator
Q14	All of the following are likely causes of back injury except:	a) improper lifting technique, b) Parthenogenesis, c) overexertion, d) slips and falls	Parthenogenesis
Q15	Good ergonomic planning for employees doing data entry on a computer would include:	a) adjustable monitor or screen angles, b) All given options are correct, c) adjustable keyboards, d) adjustable seat heights	All given options are correct
Q16	Which of the following types of guards shuts down the machine when the guard is opened?	a) interlocked, b) fixed, c) adjustable, d) self-adjusting	interlocked
Q17	All of the following should be guarded except:	a) rotating mechanisms, b) None from the given	None from the given options

		options, c) cutting or shearing mechanisms, d) in-running nip points	
Q18	Which of the following is required in order for an interlocking safeguard to be effective?	a) It guards the dangerous part before the machine can be operated, b) All options are correct, c) It stays closed until the dangerous part is at rest, d) It prevents operation of the machine if the interlocking device fails	All options are correct
Q19	The following is (are) the benefit(s) of training.	a) All given options are correct, b) Increased productivity, c) Reduced accidents, d) Reduced supervision	All given options are correct
Q20	The process of enhancing the technical skills of workers in a short period is called	a) training, b) development, c) education, d) All given options are correct	training
Q21	Personal Protective Equipment such as safety shoes, glove and safety glasses	a) Can be worn if I choose, b) Are specifically required for some jobs, c) Uncomfortable and not necessary, d) Belong to me	Are specifically required for some jobs
Q22	The purpose of a lock-out/tag-out procedure is to	a) Secure harmful energy sources to prevent injury, b) Improve productivity on the job, c) Slow down work so technicians are less stressed, d) Identify personal items to avoid theft	Secure harmful energy sources to prevent injury
Q23	Which of the following is not a chemical-related health hazard?	a) Reactivity, b) Carcinogenicity, c) Corrosivity, d) Toxicity	Reactivity
Q24	If you wanted to convey the most severe type of hazard, which word would you use?	a) Warning, b) Notice, c) Caution, d) Danger	Danger
Q25	You should wear eye, head, and face protection if you are working with which of the following tools?	a) Liquid fuel tools, b) Electric tools, c) Pneumatic tools, d) Portable abrasive wheel tools	Pneumatic tools
Q26	If you are working near a flammable substance, you should always use iron or	a) True, b) False	True

	steel hand tools		
Q27	Personal protective equipment:	a) Is required when guards can't provide full protection, b) Is never needed if machine guards are used, c) Never contributes to a job's hazards, d) Is an example of a two-hand control	Is required when guards can't provide full protection
Q28	5S stands for	a) SSSSSimple cleaning, b) Shine, Spotless, Sanitize & Safety on Saturdays, c) All the given options are correct d) Sort, Set, Shine, Standardize and Sustain	Sort, Set, Shine, Standardize and Sustain
Q29	Who may remove the lock from the machine?	a)The person who closed the lock, b) The employee who sees the person close the lock, c) The security manager, d) An affected employee	The person who closed the lock
Q30	What should be firmly secured to the machine?	a) The operating instructions, b) The guards, c) The awareness barrier, d) The personal protective equipment	The guards
Q31	OSHA requires that electric tools:	a) Be double insulated, b) Have a three wire cord with ground and be grounded, c) Be powered by a low-voltage transformer, d) All the given options are correct	Be double insulated
Q32	Which of the following activities requires training in order to be in compliance with OSHA standards?	a) All the given options are correct, b) operating a forklift, c) entering a confined space, d) acting as the competent person for scaffold construction	All the given options are correct
Q33	All of the following are routes of entry by which chemicals may enter	a) osmosis, b) ingestion, c) inhalation, d) absorption	osmosis

	the body except:		
Q34	Permissible Exposure Levels (PELs) established by OSHA are:	a) recommended exposure levels, b) mandatory exposure levels having the force of law, c) All the given options are correct, d) maximum number of hours a worker can work in one day	mandatory exposure levels having the force of law
Q35	Upon request, who should be allowed access to a company's hazard communication program?	a) all employees, b) All given options are correct, c) OSHA compliance officer, d) NIOSH investigator	All given options are correct
Q36	Under the OSH Act, employers are responsible for providing a	a) Land, b) Insurance, c) Safe workplace, d) Estimation	Safe workplace
Q37	OSHA was created to	a) To reduce hazards, b) Data analysis, c) Ecological development, d) EIA analysis	To reduce hazards
Q38	Which act establishes responsibilities and rights for employers and employees?	a) CERCLA, b) OSHA, c) RCRA, d) SARA	OSHA
Q39	OSHA ensures that employees have been provided with	a) Job, b) Insurance, c) PPE, d) Security	PPE
Q40	Lockout/Tagout procedures are in place to:	a) All given options are correct, b) Prevent accidents, c) Prevent workers from taking short cuts while servicing equipment, d) Prevent the accidental start-up of equipment	All given options are correct
Q41	Tagout refers to:	a) The warning tag attached to a power source or piece of machinery telling others not to operate, b) The process of blocking energy from reaching a piece of equipment, c) Signing off that a certain piece of machinery has been serviced, d) A device that physically prevents others from restarting equipment	The warning tag attached to a power source or piece of machinery telling others not to operate
Q42	The term Lockout refers to the	a) Shutting down a piece of	Applying a lock

	process of:	equipment for service or maintenance work, b) Applying a lock to a piece of equipment to show that it should not be used, c) Applying a tag to a piece of equipment to show that it should not be used, d) Blocking the flow of energy from a power source to a piece of equipment by attaching a lock	to a piece of equipment to show that it should not be used.
Q43	What is the difference between acute and chronic health hazards?	a) Acute occurs rapidly and chronic occurs over time, b) Chronic follows a brief exposure, c) Chronic has an obvious effect, such as death, d) Acute has very obvious warning signs	Acute occurs rapidly and chronic occurs over time
Q44	Personal protective equipment must be used:	a) When the possibility of exposure exists, b) At the worker's discretion, c) At all times, d) As required by the supervisor	At all times
Q45	Ergonomics:	a) Involves arranging the environment to fit the person, b) All the given options are correct, c) Is designing and arranging things so a person will interact effectively and safely, d) Instruction in proper work techniques	Is designing and arranging things so a person will interact effectively and safely
Q46	What violations are most commonly cited by OSHA?	a) Hazard communications, b) Scaffolding, c) Respiratory protection, d) Fall protection	Fall protection
Q47	The decision to use respirators in the workplace is based upon:	a) Exposure limits allowed for particular contaminants, b) All given options are correct, c) Scientific measurement of hazard level in the work area, d) Amount of oxygen in the work area	All given options are correct
Q48	Respirators prevent harmful fumes,	a) Respiratory system, b)	Respiratory

	dust, vapors, and gases from entering the:	Blood stream, c) Nervous system, d) All given options are correct	system
Q49	Noise is now recognized as an occupational hazard that can cause:	a) Only hearing loss, b) Hearing loss and stress, c) Only stress, d) All given options are correct	Hearing loss and stress
Q50	Which is an engineering control that can reduce noise exposure?	a) All given options are correct, b) Separating noisy machinery from as many workers as possible, c) Using sound absorbing materials, d) Placing machinery on rubber mountings to reduce vibration	All given options are correct
Q51	Besides providing PPE for your hands, how will your employer try to prevent hand injuries?	a) All given options are correct, b) Machine guards to protect hands and fingers from moving parts, c) Ergonomically designed workstations and tools, d) Maintain a clean and orderly workplace	All given options are correct
Q52	Which of the following does not contribute to back pain?	a) Poor posture, b) Proper lifting technique, c) Poor physical conditions, d) Stress	Proper lifting technique
Q53	What type of hazard is associated with chemicals?	a) Both health and physical, b) Health, c) Physical, d) All given options are correct	Both health and physical
Q54	Good work practices to control ergonomics include:	a) Instruction in proper work techniques, b) All given options are correct, c) Employee training, d) Regular monitoring and feedback	All given options are correct
Q55	Ergonomic hazards can best be prevented by:	a) Redesigning the job environment or the job, b) Eliminating jobs with such hazards, c) Making the worker change the action required to do the job, d) All given options are correct	Redesigning the job environment or the job
Q56	Possible precautions to take when someone is entering a confined space	a) Permits, b) Lockout – Tagout, c) Rescue, d) All	Permits

	include:	given options are correct	
Q57	The primary hazard associated with confined spaces is:	a) Oxygen deficiency, b) Heat, c) Mechanical or moving parts, d) Sound	Oxygen deficiency
Q58	Exposure to high levels of noise can lead to which of the following:	a) High blood pressure, b) Gastrointestinal problems, c) Chronic fatigue, d) All options are correct	All options are correct
Q59	The most dangerous place to use electrical equipment is:	a) Near water, b) Near a ladder, c) Outdoors, d) Near other electrical equipment	Near water
Q60	Safety Signs provide	a) All of the options are correct, b) Information about hazardous areas, c) Caution information, d) Warnings	All of the options are correct