



Maharashtra Public Service Commission

Notations :

- 1.Options shown in **green** color and with  icon are correct.
- 2.Options shown in **red** color and with  icon are incorrect.

Question Paper Name :	DeputyDirectorIndustrialSafetyGroupA 16th May 2023 Shift 2
Subject Name :	Deputy Director Industrial Safety Group A
Actual Answer Key :	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Is Section Default? :	null

**Question Number : 1 Question Id : 630680220503 Option Shuffling : Yes Is Question Mandatory : No
Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Correct Marks : 2 Wrong Marks : 0.5

As per Factories Act 1948, “adolescent” means a person who has completed his _____ year of age but has not completed his _____ year.

Options :

1. ✘ eighteenth; twenty first
2. ✘ fourteenth; twenty first
3. ✔ fifteenth; eighteenth
4. ✘ fifteenth; twenty first

Question Number : 2 Question Id : 630680220504 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Factories Act 1948, all parts including the working gear, of every lifting machine and every chain, rope or lifting tackle shall be of good construction, sound material, adequate strength, free of defects, properly maintained and thoroughly examined by a competent person at least once in every period of _____, or as Chief Inspector may specify in writing.

Options :

1. ✘ twenty four months
2. ✔ twelve months
3. ✘ six months
4. ✘ three months

Question Number : 3 Question Id : 630680220505 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Factories Act 1948, in every factory, there shall be provided and maintained first-aid boxes or cupboards equipped with the prescribed contents, and the number of such boxes or cupboards to be provided shall not be less than one for every _____ workers ordinarily employed in the factory.

Options :

1. ✔ 150
2. ✘ 250
3. ✘ 500
4. ✘ 1000

Question Number : 4 Question Id : 630680220506 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Factories Act 1948, in every factory, wherein more than _____ women workers are ordinarily employed, there shall be provided and maintained a suitable room or rooms for the use of children under the age of six years of such women.

Options :

1. ✘ 100
2. ✘ 200
3. ✘ 10
4. ✔ 30

Question Number : 5 Question Id : 630680220507 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Factories Act 1948, no child shall be employed or permitted to work, in any factory during the night and for more than _____ hours on any day.

Options :

1. ✘ eight
2. ✘ eight and a half
3. ✔ four and a half
4. ✘ sixteen

Question Number : 6 Question Id : 630680220508 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Factories Act 1948, the occupier of every factory, where a hazardous process takes place, shall set up a Safety Committee consisting of _____ to promote cooperation between the workers and the management in maintaining proper safety and health at work and to review periodically the measures taken in that behalf.

Options :

1. ✘ 80% worker representatives and 20% management
2. ✔ equal number of representatives of workers and management
3. ✘ 40% worker representatives and 60% management
4. ✘ 75% worker representatives and 25% management

Question Number : 7 Question Id : 630680220509 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Factories Act 1948, in every factory wherein more than _____ workers are ordinarily employed, there shall be provided and maintained an ambulance room of the prescribed size, containing the prescribed equipment, in the charge of medical and nursing staff as prescribed and shall always be readily available during working hours.

Options :

1. ✔ 500
2. ✘ 200
3. ✘ 100
4. ✘ 250

Question Number : 8 Question Id : 630680220510 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Factories Act 1948, whoever knowingly uses or attempts to use, as a certificate of fitness granted to himself under section 70, a certificate granted to another person under that section, shall be punishable with imprisonment for a term which may extend to _____ or with fine which may extend to one thousand or with both.

Options :

1. ✔ two months
2. ✘ three days
3. ✘ six months

4. ✘ three months

Question Number : 9 Question Id : 630680220511 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per Factories Act 1948, If any worker employed in a factory, wilfully interferes with or misuses any appliance, convenience or other thing provided in a factory for the purposes of securing the health, safety or welfare of the workers therein, he shall be punishable with imprisonment for a term which may extend to _____, or with fine which may extend to one hundred rupees, or with both.

Options :

1. ✘ two months
2. ✔ three months
3. ✘ six months
4. ✘ twelve months

Question Number : 10 Question Id : 630680220512 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

In Maharashtra Factories Rules, 1963, unless the context otherwise requires, 'Degrees' (or temperature) means degrees _____.

Options :

1. ✘ On the centigrade scale
2. ✘ Calories
3. ✔ On the Fahrenheit scale
4. ✘ British thermal units

Question Number : 11 Question Id : 630680220513 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules, 1963, an application for renewal of licence for a period not exceeding five years shall be made to Chief Inspector or Deputy Chief Inspector authorized by the State Government in this behalf in _____ accompanied by the fees specified in the schedule, not later than two months before the licence expiry date except when factory commences work on or after last day of November in any year.

Options :

1. ✘ Form 1A
2. ✔ Form 3
3. ✘ Form 5
4. ✘ Form 6

Question Number : 12 Question Id : 630680220514 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules, 1963, the quantity of drinking water to be provided for the workers in every factory shall be at least _____ a day per worker employed in the factory and such drinking water shall be readily available at all times during working hours.

Options :

1. ✘ 1 litre
2. ✘ 2 litres
3. ✔ 5 litres
4. ✘ 3 litres

Question Number : 13 Question Id : 630680220515 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules, 1963, where an application for grant or renewal of a licence is duly made in accordance with these rules and if no licence has been issued or renewed, nor refused, within a period of _____, the factory in respect of which the licence is to be granted or renewed shall be deemed to be duly licensed.

Options :

1. ✔ four months
2. ✘ three months
3. ✘ two months
4. ✘ six months

Question Number : 14 Question Id : 630680220516 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules, 1963, the quantity of flammable liquids in any work room shall be the minimum required for the processes carried on in such room, shall be stored in suitable containers with close fitting covers and not more than _____ litres of flammable liquids having a flash point of 20°C or less shall be kept or stored in any work room.

Options :

1. ✘ 23
2. ✘ 25
3. ✔ 20
4. ✘ 45

Question Number : 15 Question Id : 630680220517 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules, 1963, no adult female, unaided by another person, or mechanical aid, be required or allowed to lift, put down, carry or move any load of material, article, tools or appliance exceeding _____ kg.

Options :

1. ✘ 55
2. ✔ 30
3. ✘ 50
4. ✘ 45

Question Number : 16 Question Id : 630680220518 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules, 1963, every pressure plant or pressure vessel shall be fitted with, a suitable pressure gauge with a dial range not less than _____ maximum safe working pressure, easily visible and designed to show, at all times, the correct internal pressure in kilograms per square centimetre and marked with prominent red mark at the maximum safe working pressure of the pressure plant or pressure vessel.

Options :

1. ✘ 2 times and not exceeding thrice the
2. ✘ 1.2 times and not exceeding twice the
3. ✘ 1.8 times and not exceeding thrice the
4. ✔ 1.5 times and not exceeding twice the

Question Number : 17 Question Id : 630680220519 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules, 1963, All lifting machine, chain, and rope of lifting tackle except a fibre rope or fibre rope sling, shall be taken into use in any factory, for the first time only after it has been tested and all parts thoroughly examined by a competent person and a certificate of such test examination signed by the person, specifying the safe working load or loads has been obtained and a register in _____ containing the particulars specified therein shall be kept of every examination made.

Options :

1. ✘ Form 5
2. ✘ Form 10
3. ✔ Form 12
4. ✘ Form 6

Question Number : 18 Question Id : 630680220520 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules, 1963, a register shall be maintained to record particulars of examinations of hoists or lifts and shall give particulars as shown in _____.

Options :

1. ✘ Form 24
2. ✔ Form 11
3. ✘ Form 16
4. ✘ Form 10

Question Number : 19 Question Id : 630680220521 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Where an offence under the Environment Protection Act has been committed by any department of Government, the _____ shall be deemed to be guilty and shall be liable to be proceeded against and punished accordingly with few exceptions.

Options :

1. ✘ Minister of that department

2. ✘ The Chief secretary of the department

3. ✔ Head of the department

4. ✘ Managing Director

Question Number : 20 Question Id : 630680220522 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, _____ means an operation or process carried out in an industrial installation referred to in Schedule 4 involving one or more hazardous chemicals and includes on-site storage or transport associated with the operation or isolated storage or pipeline.

Options :

1. ✔ industrial activity

2. ✘ factory installation

3. ✘ industrial operation

4. ✘ threshold operation

Question Number : 21 Question Id : 630680220523 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per the Rule 3, of Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, the duties of the authorities are specified in _____ of the rules.

Options :

1. ✘ schedule 1

2. ✔ schedule 5

3. ✘ schedule 3

4. ✘ schedule 2

Question Number : 22 Question Id : 630680220524 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, schedule 2, for the purpose of determining the threshold quantity of a hazardous chemical at an isolated storage, account shall also be taken of any hazardous chemical which is, in that part of any pipeline under the control of the occupier having control of the site, which is within _____ of that site and connected to it.

Options :

1. ✘ 200 metres

2. ✔ 500 metres

3. ✘ 250 metres

4. ✘ 300 metres

Question Number : 23 Question Id : 630680220525 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, any person responsible for

importing hazardous chemicals in India shall provide information pertaining to the hazardous chemical, like product safety information, mode of transport, port of entry in India, details of the person receiving the consignment etc. to the concerned authorities as identified in Column 2 of Schedule 5 of the rules before _____ or as reasonably possible but not later than, the date of import.

Options :

1. ✓ 30 days
2. ✗ 45 days
3. ✗ 60 days
4. ✗ 90 days

Question Number : 24 Question Id : 630680220526 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Chemical Accidents Rules 1996, the _____ shall set up a Crisis Alert System and publish a list of Major Accident Hazard installations.

Options :

1. ✗ Municipal corporation
2. ✗ State Government
3. ✓ Central Government
4. ✗ Police Commissioner

Question Number : 25 Question Id : 630680220527 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The _____ shall be the apex body to deal with major chemical accidents and to provide expert guidance for handling major chemical accidents.

Options :

1. ✓ Central Crisis Group
2. ✗ State Crisis Group
3. ✗ District Crisis Group
4. ✗ Local Crisis Group

Question Number : 26 Question Id : 630680220528 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The State Crisis Group shall meet at least once in _____ and follow such procedure for transaction of business as it deems fit.

Options :

1. ✗ a year
2. ✗ six months
3. ✓ three months
4. ✗ a month

Question Number : 27 Question Id : 630680220529 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

One of the function of the _____ is to review all the on-site emergency plans prepared by the occupier of Major Accident Hazards installation for the preparation of their off-site emergency plan.

Options :

1. ✘ Central Crisis Group
2. ✘ State Crisis Group
3. ✘ Local Crisis Group
4. ✔ District Crisis Group

Question Number : 28 Question Id : 630680220530 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The Local Crisis Group shall conduct at least one full scale mock-drill of a chemical accident at a site every _____ and forward a report to the District Crisis Group.

Options :

1. ✘ month
2. ✘ fifteen days
3. ✔ six months
4. ✘ three months

Question Number : 29 Question Id : 630680220531 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per the Workmen's Compensation Act, 1923, the employer shall not be liable to pay compensation in which of the following conditions?

1. In respect of any injury which does not result in the total or partial disablement of the workman for a period exceeding three days.
2. In respect of any injury, not resulting in death caused by an accident which is directly attributable to the workman having been at the time thereof under the influence of drink or drugs.
3. In respect of any injury, not resulting in death caused by an accident which is directly attributable to the wilful disobedience of the workman to an order expressly given, or to a rule expressly framed, for the purpose of securing the safety of workman.
4. In respect of any injury, not resulting in death caused by an accident which is directly attributable to the wilful removal or disregard by the workman of any safety guard or other device which he knew to have been provided for the purpose of securing the safety of workmen.

Options :

1. ✘ Only 1, 3 and 4
2. ✘ Only 2, 3 and 4
3. ✔ 1, 2, 3 and 4
4. ✘ Only 1, 2 and 4

Question Number : 30 Question Id : 630680220532 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per the Workmen's Compensation Act, 1923, where, by any law for the time being in force, notice is

required to be given to any authority, by or on behalf of an employer, of any accident occurring on his premises which results in death or serious bodily injury, the person required to give the notice shall, within _____ of the death or serious bodily injury, send a report, to the Commissioner giving the circumstances attending the death or serious bodily injury.

Options :

1. ✘ one day
2. ✘ two days
3. ✘ five days
4. ✔ seven days

Question Number : 31 Question Id : 630680220533 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per the Public Liability Insurance Act, 1991, the Central Government may, from time to time, constitute an Advisory Committee, on the matters relating to the insurance policy under this Act, consisting of, three officers representing the Central Government, two persons representing the insurers, two persons representing the owners, and two persons from amongst the experts of insurance or hazardous substances, to be appointed by the Central Government and the chairman of the Advisory Committee shall be _____.

Options :

1. ✘ one of the members representing the experts of insurance or hazardous substances
2. ✘ one of the members representing the owners
3. ✔ one of the members representing the Central Government
4. ✘ one of the members representing the insurers

Question Number : 32 Question Id : 630680220534 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per the Public Liability Insurance Act, 1991, where the death of any person (other than a workman) has resulted from an accident, the owner shall be liable to give relief of _____ per person in addition to reimbursement of medical expenses if any, incurred on the victim up to a maximum of ₹12,500.

Options :

1. ✔ ₹25,000
2. ✘ ₹50,000
3. ✘ ₹75,000
4. ✘ ₹1,00,000

Question Number : 33 Question Id : 630680220535 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per, Occupational Safety, Health and Working Conditions Code, 2020, the Central Government shall, by notification, constitute the National Occupational Safety and Health Advisory Board to discharge the functions conferred on it by or under this code and to advise Central Government and _____ shall be the Chairperson ex officio of the Board.

Options :

1. ✔ Secretary, Ministry of Labour and Employment

2. ✘ Labour Minister
3. ✘ Director General, Factory Advice Service and Labour Institutes, Mumbai
4. ✘ Chief Controller of Explosives, Nagpur

Question Number : 34 Question Id : 630680220536 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per, the Occupational Safety, Health and Working Conditions Code, 2020, where at any place in a factory, an accident occurs which causes death, or which causes any bodily injury by reason of which the injured person is prevented from working for a period of _____ or more, immediately following the accident, then employer or manager of the factory, shall send notice thereof to such authorities, in such manner and within such time, as prescribed by the appropriate Government.

Options :

1. ✘ three days
2. ✘ seven days
3. ✘ twenty-four hours
4. ✔ forty-eight hours

Question Number : 35 Question Id : 630680220537 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per, Occupational Safety, Health and Working Conditions Code, 2020, In every factory carrying on hazardous process wherein _____ workers or more are ordinarily employed, the employer shall appoint such number of safety officers, who shall possess such qualifications and perform such duties, as may be prescribed by appropriate Government.

Options :

1. ✘ 500
2. ✘ 1000
3. ✔ 250
4. ✘ 750

Question Number : 36 Question Id : 630680220538 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per, the Occupational Safety, Health and Working Conditions Code, 2020, the terms of office of the members on the National Occupational Safety and Health Advisory Board, from representatives of employers and employees shall be _____ and the procedure for their nominations and discharge of their functions shall be such as may be prescribed by the Central Government.

Options :

1. ✔ three years
2. ✘ one year
3. ✘ five years
4. ✘ two years

Question Number : 37 Question Id : 630680220539 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per, the Occupational Safety, Health and Working Conditions Code, 2020, the employer of an establishment shall, within _____ days of the closing of the establishment, inform the closing of such establishment and certify payment of all dues to the workers employed in such establishment, to the registering officer in such manner as may be prescribed by the Central Government.

Options :

1. ✓ 30
2. ✗ 60
3. ✗ 90
4. ✗ 120

Question Number : 38 Question Id : 630680220540 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per the Occupational Safety, Health and Working Conditions Code, 2020, every worker employed in an establishment shall be entitled for leave in a calendar year with wages, when he has worked one hundred and eighty days or more in such calendar year and he shall be entitled for one-day leave for every _____ days of his work, except for adolescent worker and worker employed below ground mine.

Options :

1. ✗ 10
2. ✓ 20
3. ✗ 15
4. ✗ 30

Question Number : 39 Question Id : 630680220541 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Chapter XI, Part I, Contract Labour, of Occupational Safety, Health and Working Conditions Code, 2020, shall apply to every establishment in which _____ or more contract labour are employed or were employed on any day of the preceding twelve months through contract.

Options :

1. ✗ 250
2. ✗ 150
3. ✗ 100
4. ✓ 50

Question Number : 40 Question Id : 630680220542 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The organization's OH&S policy is a public statement signed by the _____ declaring its commitment and intent to manage its OH&S responsibilities.

Options :

1. ✓ top management
2. ✗ worker

3. ✘ supervisor
4. ✘ line manager

Question Number : 41 Question Id : 630680220543 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

Which of the following are Management responsibilities related to Occupational Health and Safety trainings?

1. Give each worker practical and appropriate instruction, taking account of his or her skills and professional experience, to perform a specific function
2. Provide training involving the acquisition of knowledge and know-how to be applied in a specific job and corresponding to the qualifications, which may consist of initial training for entry to a particular trade or profession, the introduction of new methods or a transfer to another job
3. Give refresher courses to update the knowledge acquired through training
4. Provide further training, thus enabling workers to acquire new knowledge, supplement existing knowledge, or specialize in a particular area by acquiring more detailed knowledge.

Options :

1. ✘ Only 1, 2 and 3
2. ✔ 1, 2, 3 and 4
3. ✘ Only 2, 3 and 4
4. ✘ Only 1, 3 and 4

Question Number : 42 Question Id : 630680220544 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

In the Heinrich model of foundation of major injury accident in industry, he stated that for every mishap resulting in an injury, there are many other similar accidents that cause no injuries and it was estimated that in a unit group of 330 accidents of the same kind, 300 results in no injury, _____ in minor injury and _____ in major or lost time injury.

Options :

1. ✘ 25, 5
2. ✘ 28, 2
3. ✔ 29, 1
4. ✘ 20, 10

Question Number : 43 Question Id : 630680220545 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

The _____ has the ultimate responsibility for the safety and health programme in an organisation.

Options :

1. ✘ safety officer
2. ✔ top management
3. ✘ supervisor
4. ✘ line manager

Question Number : 44 Question Id : 630680220546 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Controlling exposure to hazards in the workplace is vital to protecting workers and as per the hierarchy of controls, arrange the below control actions as per the hierarchy depending on their effectiveness starting with the most effective.

1. Substitution
2. Personal Protective Equipment (PPE)
3. Elimination
4. Administrative controls
5. Engineering controls

Options :

1. ✘ 3, 1, 4, 2 and 5
2. ✘ 1, 3, 5, 4 and 2
3. ✔ 3, 1, 5, 4 and 2
4. ✘ 1, 3, 4, 5 and 2

Question Number : 45 Question Id : 630680220547 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the below responsibilities of employer, to provide a safe and healthy working environment, are rightly mentioned?

1. Provide and maintain workplaces, machinery and equipment, and use work methods, which are safe and without risk to health as is reasonably practicable.
2. Give the necessary instructions and training to managers and staff, taking account of the functions and capacities of different categories of workers.
3. Provide adequate supervision of work, of work practices, and of the application and use of occupational safety and health measures.
4. Provide adequate personal protective clothing and equipment at a cost to the worker, when hazards cannot be otherwise prevented or controlled.

Options :

1. ✘ 1, 2, 3 & 4
2. ✘ 1, 2 & 4 only
3. ✘ 2, 3 & 4 only
4. ✔ 1, 2 & 3 only

Question Number : 46 Question Id : 630680220548 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The cooperation of workers within the organization is vital for the prevention of occupational accidents and diseases, and which of the duties of workers are mentioned correctly below

1. Take reasonable care for their own safety and that of other persons who may be affected by their acts or omissions
2. Comply with safety and health procedures and instructions given for their own safety and health, and those of others

3. Use safety devices and protective equipment correctly and not render them inoperative
4. Should not report minor injury accidents which arises in the course of work.

Options :

1. ✓ 1, 2 & 3 only
2. ✗ 1, 2, 3 & 4
3. ✗ 2, 3 & 4 only
4. ✗ 1, 2 & 4 only

Question Number : 47 Question Id : 630680220549 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per the UN classification of dangerous goods, Class 3 is _____.

Options :

1. ✗ explosives
2. ✓ flammable liquid
3. ✗ radioactive material
4. ✗ oxidising substances, organic peroxides

Question Number : 48 Question Id : 630680220550 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

Carbon dioxide gas extinguishes fire mainly by _____ principle

Options :

1. ✗ cooling
2. ✓ smothering
3. ✗ starvation
4. ✗ evaporation

Question Number : 49 Question Id : 630680220551 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per Petroleum Rules 2002, classification of hazardous area, a hazardous area shall be deemed to be _____ area, if inflammable gas or vapours are expected to be continuously present in the area.

Options :

1. ✗ Division '3'
2. ✗ Division '2'
3. ✗ Division '1'
4. ✓ Division '0'

Question Number : 50 Question Id : 630680220552 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per the National Building Code, 2016, for high rise buildings more than two years old, fire evacuation drills shall be conducted, at least once_____.

Options :

1. ✓ every six months
2. ✘ every three months
3. ✘ every year
4. ✘ every month

Question Number : 51 Question Id : 630680220553 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

The risks at workplace shall be controlled and brought down to ALARP, and ALARP means:

Options :

1. ✘ Actual Lower Aim Result Possible
2. ✘ Access Lower Aid Request Practice
3. ✓ As Low As Reasonably Practicable
4. ✘ As Less As Really Possible

Question Number : 52 Question Id : 630680220554 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

Information about conditions in the working environment and the health of workers is necessary for planning, implementing and evaluating OH&S programmes, policies, and worker's health surveillance involves procedures for the assessment of worker's health by means of detection and identification of any abnormalities, and may include which of the following?

1. Biological monitoring
2. Medical examinations
3. Questionnaires
4. Radiological examinations
5. Ergonomics
6. Reviews of worker's health records

Options :

1. ✘ Only 1, 2, 3 and 5
2. ✘ Only 2, 3, 4 and 5
3. ✓ Only 1, 2, 3, 4 and 6
4. ✘ Only 2, 3, 4 and 6

Question Number : 53 Question Id : 630680220555 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per the Central Motor Vehicle Rules, 1989, the driver of a goods carriage, transporting any dangerous or hazardous goods shall, on the occurrence of an accident involving any dangerous or hazardous goods transported by this carriage, report forthwith to the _____ and inform _____ regarding the accident.

Options :

1. ✘ nearest fire station; the nearest police station
2. ✘ owner of the goods carriage; the transporter

3. ✓ nearest police station; the owner of the goods carriage or the transporter

4. ✘ transporter; the nearest Fire station

Question Number : 54 Question Id : 630680220556 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Heinrich, the occurrence of a preventable injury is the natural culmination of a series of events, which invariably occur in a fixed and logical manner. List out in chronological order the five factors.

1. Fault of person
2. Social environment Ancestry
3. Unsafe Act, mechanical or physical hazard
4. Injury
5. Accident

Options :

1. ✘ 1, 2, 3, 4, 5

2. ✘ 2, 1, 5, 3, 4

3. ✓ 2, 1, 3, 5, 4

4. ✘ 2, 1, 4, 3, 5

Question Number : 55 Question Id : 630680220557 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

COSHH is a regulation in the United Kingdom, to prevent the ill effects of hazardous substances on employees, also used as a guideline for best practices in India and COSHH means _____.

Options :

1. ✘ Control of Standard Health Hazard

2. ✘ Consulting Operational Surgeon on Health Hazard

3. ✘ Care of Substances Hazardous to Health

4. ✓ Control of Substances Hazardous to Health

Question Number : 56 Question Id : 630680220558 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The huge amount of information on accident statistics, health data, environmental aspects, trainings can, now, be easily stored, analysed, transmitted and used for presenting an accurate MIS to management, which will show the results of investments in OH&S. Here MIS means:

Options :

1. ✘ Market Involvement Status

2. ✓ Management Information System

3. ✘ Management Involvement Status

4. ✘ Marketing Information System

Question Number : 57 Question Id : 630680220559 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

For machine guarding in many industries, Physical guards are replaced by _____ which are preventing accidents and also improving production in some industries.

Options :

1. ✘ adjustable guards
2. ✘ no guards
3. ✔ light curtains
4. ✘ plastic guards

Question Number : 58 Question Id : 630680220560 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A new technology for Press brake safety options is the laser AOPD, which allows the operator to work within very close proximity of the point of hazard, significantly improves the productivity of the press brake and reduces operator injuries and fatigue. Here AOPD means _____.

Options :

1. ✘ Automatic Optical Protection Design
2. ✔ Active Opto-electronic Protective Device
3. ✘ Alternative Online Prevention Device
4. ✘ Alternate Ortho Protective Design

Question Number : 59 Question Id : 630680220561 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The 9/11 terrorist attack on the twin towers of the World Trade Center, was in the city of _____.

Options :

1. ✔ New York, US
2. ✘ Los Angeles, US
3. ✘ San Francisco, US
4. ✘ Boston, US

Question Number : 60 Question Id : 630680220562 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Terrorist attack on the Indian city of Mumbai where a train station, two hotels etc were attacked happened in the month of _____.

Options :

1. ✘ December 2008
2. ✘ November 2009
3. ✔ November 2008
4. ✘ October 2007

Question Number : 61 Question Id : 630680220563 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

In the _____ Nuclear Power Plant disaster on 26th April 1986, a routine 20-second shut down of the system seemed to be another test of the electrical equipment, but seven seconds later, a surge created a chemical explosion that released nearly 520 dangerous radionuclides into the atmosphere.

Options :

1. ✓ Chernobyl
2. ✗ Seveso, Italy
3. ✗ California
4. ✗ Fukushima

Question Number : 62 Question Id : 630680220564 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

In 2013, major flash floods killed thousands of people in the state of _____.

Options :

1. ✗ Uttar Pradesh
2. ✓ Uttarakhand
3. ✗ Himachal Pradesh
4. ✗ Haryana

Question Number : 63 Question Id : 630680220565 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The Bhopal disaster chemical leak that took place on 3rd December 1984 in the city of Bhopal, Madhya Pradesh, was from the _____ plant, owned by the Indian Subsidiary of Union Carbide.

Options :

1. ✗ ethyl mercaptan
2. ✗ methylene dioxide
3. ✓ methyl isocyanate
4. ✗ sulphuric acid

Question Number : 64 Question Id : 630680220566 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Factories Act 1948, no adult worker shall be required or allowed to work in a factory for more than _____ hours in any week.

Options :

1. ✗ 46
2. ✗ 84
3. ✓ 48
4. ✗ 56

Question Number : 65 Question Id : 630680220567 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The Factories Act 1948 was passed by the Constituent Assembly of independent India on _____.

Options :

1. ✘ 26 January 1948
2. ✘ 24 October 1948
3. ✘ 22 April 1949
4. ✔ 28 August 1948

Question Number : 66 Question Id : 630680220568 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The Factories Act 1948 came into force on _____.

Options :

1. ✔ 1 April 1949
2. ✘ 24 October 1948
3. ✘ 22 April 1949
4. ✘ 28 August 1948

Question Number : 67 Question Id : 630680220569 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

In every factory, every hoist and lift shall be properly maintained, and shall be thoroughly examined by a competent person at least once in every period of _____.

Options :

1. ✘ 12 months
2. ✔ 6 months
3. ✘ 2 years
4. ✘ 5 years

Question Number : 68 Question Id : 630680220570 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Factories Act 1948, in every factory, wherein _____ or more workers are ordinarily employed or wherein, any manufacturing process or operation which involves any risk of bodily injury, poisoning or disease, or any other hazard to health, to the persons employed in the factory is carried on, the occupier shall employ such number of Safety Officers as may be specified in the notification by the State Government.

Options :

1. ✔ 1000
2. ✘ 500
3. ✘ 250
4. ✘ 750

Question Number : 69 Question Id : 630680220571 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules 1963, no adult male, unaided by another person, or mechanical aid, be required or allowed to lift, put down, carry or move any load of material, article, tools or appliance exceeding _____ kilograms

Options :

1. ✘ 30
2. ✘ 35
3. ✘ 50
4. ✔ 55

Question Number : 70 Question Id : 630680220572 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the following is not a basic requirement to be followed as per the Indian Factories Act, 1948

Options :

1. ✔ Availability of bus facility
2. ✘ Proper drainage system
3. ✘ Adequate ventilation
4. ✘ Availability of drinking water

Question Number : 71 Question Id : 630680220573 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules 1963, in every factory building, the exit shall be so located that the travel distance to reach at least one of them on the floor shall not exceed _____.

Options :

1. ✘ 50 metres
2. ✘ 60 metres
3. ✔ 30 metres
4. ✘ 15 metres

Question Number : 72 Question Id : 630680220574 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules 1963, there shall be a Safety Committee, in every factory, wherein _____ or more workers are ordinarily employed, or which carries on any dangerous or hazardous process or operation and employs more than 50 workers.

Options :

1. ✘ 200
2. ✔ 250
3. ✘ 500
4. ✘ 1000

Question Number : 73 Question Id : 630680220575 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules 1963, the tenure of the Safety Committee shall be _____ years.

Options :

1. ✓ two
2. ✘ three
3. ✘ four
4. ✘ five

Question Number : 74 Question Id : 630680220576 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

What is the full form of MSDS?

Options :

1. ✘ Material System Data Sheet
2. ✘ Manufacturer and Supplier Document System
3. ✓ Material Safety Data Sheet
4. ✘ Master Safety Data System

Question Number : 75 Question Id : 630680220577 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules 1963, the minimum intensity of illumination in passageways, corridors and stairways shall be _____ Lux.

Options :

1. ✘ 10
2. ✓ 50
3. ✘ 90
4. ✘ 160

Question Number : 76 Question Id : 630680220578 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per the Workmen's Compensation Act 1923, the amount of compensation to a workman, where death results from the injury out of and in the course of his employment, shall be _____ or an amount of eighty thousand rupees, whichever is more.

Options :

1. ✘ 60% of the monthly wages of the deceased workman multiplied by the relevant factor
2. ✓ 50% of the monthly wages of the deceased workman multiplied by the relevant factor
3. ✘ 90% of the monthly wages of the deceased workman multiplied by the relevant factor
4. ✘ 100% of the monthly wages of the deceased workman multiplied by the relevant factor

Question Number : 77 Question Id : 630680220579 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Occupational Safety, Health and working Conditions Code 2020, the employer, of every establishment, which employed ten or more _____ worker, shall pay, to every _____ worker employed in his establishment, in a year a lump sum amount of fare for to and fro journey to his native place from the place of his employment, in the manner taking into account the minimum service for entitlement, periodicity and class of travel and such other matters as may be prescribed by the appropriate government.

Options :

1. ✘ International; International
2. ✘ Inter-district migrant; Inter-district migrant
3. ✔ Inter-state migrant; Inter-state migrant
4. ✘ Company; Company

Question Number : 78 Question Id : 630680220580 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per Occupational Safety, Health and working Conditions Code 2020, Welfare Provisions, the Central Government may also prescribe for, Ambulance room in every factory, mine, building or other construction work wherein more than _____ workers are ordinarily employed

Options :

1. ✘ 100
2. ✘ 50
3. ✘ 1000
4. ✔ 500

Question Number : 79 Question Id : 630680220581 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

As per the Occupational Safety, Health And Working Conditions Code 2020, women shall be entitled to be employed in all establishments for all types of work and they may also be employed, with their consent _____ subject to such conditions relating to safety, holidays and working hours or any other condition to be observed by the employer as may be prescribed by the appropriate government.

Options :

1. ✔ before 6 a.m. and beyond 7 p.m.
2. ✘ before 9 a.m. and beyond 8 p.m.
3. ✘ before 7 a.m. and beyond 10 p.m.
4. ✘ before 8 a.m. and beyond 9 p.m.

Question Number : 80 Question Id : 630680220582 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Dry chemical powder having monoammonium phosphate as the main chemical constituent can be used for extinguishing Class _____ fires.

Options :

1. ✔ A, B and C

2. ✘ B and C only
3. ✘ D only
4. ✘ A and C only

Question Number : 81 Question Id : 630680220583 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per IS 15683, which coloured band denotes the carbon dioxide fire extinguisher?

Options :

1. ✘ Red
2. ✘ Blue
3. ✘ White
4. ✔ Black

Question Number : 82 Question Id : 630680220584 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

A pedestrian crossing sign is which kind of road sign?

Options :

1. ✘ Mandatory sign
2. ✔ Cautionary sign
3. ✘ Informative sign
4. ✘ Mandatory, cautionary and informative sign

Question Number : 83 Question Id : 630680220585 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

A green square or rectangle on a safety signage board indicates _____.

Options :

1. ✘ fire prevention
2. ✘ radiant hazards
3. ✘ firefighting equipment
4. ✔ safety equipment or information about first aid equipment

Question Number : 84 Question Id : 630680220586 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

The triangle illustrates the three elements a fire needs to ignite. These elements are:

Options :

1. ✘ air, heat and spark
2. ✘ fuel, heat and petrol
3. ✔ air, heat and fuel
4. ✘ smoke, heat and air

Question Number : 85 Question Id : 630680220587 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per Maharashtra Factories Rules 1963, in every factory, the maximum permissible noise exposure levels, continuous or a number of short-term exposures, for eight hours per day is _____.

Options :

1. ✘ 40 dBA
2. ✔ 90 dBA
3. ✘ 120 dBA
4. ✘ 140 dBA

Question Number : 86 Question Id : 630680220588 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per NFPA, what is the full form BLEVE?

Options :

1. ✘ Boiler Low Expanding Vapor Explosion
2. ✘ Boiler Less Exploding Vital Equipment
3. ✘ Boiling Level Equivalent Vigorous Explosion
4. ✔ Boiling Liquid Expanding Vapor Explosion

Question Number : 87 Question Id : 630680220589 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

As per OSHA, what is the full form of STEL?

Options :

1. ✔ Short Term Exposure Limit
2. ✘ Safety Toxic Exposure Level
3. ✘ Safety Transport Explosive Limit
4. ✘ Short Term Explosive Level

Question Number : 88 Question Id : 630680220590 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5

_____ is the lowest temperature at which the application of an ignition source will cause a flame to flash across the surface of the liquid.

Options :

1. ✘ Boiling point
2. ✘ Vapour pressure
3. ✔ Flash point
4. ✘ Evaporation point

Question Number : 89 Question Id : 630680220591 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Fires in oils, petrol, grease or oil-based paints are classified as:

Options :

1. ✘ Class A
2. ✔ Class B
3. ✘ Class C
4. ✘ Class D

Question Number : 90 Question Id : 630680220592 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The scientific study of the relationship between the workman (People) and his working environment (Machine) that helps in reduction of musculoskeletal disorders is called _____.

Options :

1. ✘ occupational disease
2. ✘ acrophobia
3. ✘ psychological study
4. ✔ ergonomics

Question Number : 91 Question Id : 630680220593 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Specially designed glasses that are used by a welder are called:

Options :

1. ✘ chemical protection goggles
2. ✘ high impact goggles
3. ✘ anti contamination glasses
4. ✔ shaded glasses like cobalt blue lenses

Question Number : 92 Question Id : 630680220594 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Oil or grease in contact with _____ will cause fire and explosion.

Options :

1. ✘ acetylene
2. ✔ compressed oxygen
3. ✘ nitrogen
4. ✘ helium

Question Number : 93 Question Id : 630680220595 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The main goal of ADAS is to reduce road risks that are caused by human factors. It includes advanced

technologies and safety systems that assist drivers during road journeys. What is the full form of ADAS?

Options :

1. ✘ Advanced Drone Assistance System
2. ✘ Anti Drag Accident System
3. ✔ Advanced Driver Assistance Systems
4. ✘ Auto Drone Assistance System

Question Number : 94 Question Id : 630680220596 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

What does VTS stand for in road transport?

Options :

1. ✔ Vehicle Tracking System
2. ✘ Vehicle Total Safety
3. ✘ Voluntary Training System
4. ✘ Virtual Traffic System

Question Number : 95 Question Id : 630680220597 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

ADAS in a vehicle can support in _____.

Options :

1. ✔ applying brakes, maintaining distance and keeping vehicle in lane
2. ✘ vehicle temperature control
3. ✘ vehicle fuel efficiency control
4. ✘ noise reduction in vehicle

Question Number : 96 Question Id : 630680220598 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which gas leaked from LG Polymers at Andhra Pradesh on 7 May 2020?

Options :

1. ✘ Ammonia
2. ✘ Chlorine
3. ✘ Bromine
4. ✔ Styrene

Question Number : 97 Question Id : 630680220599 Option Shuffling : Yes Is Question Mandatory : No

Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which gas leaked from Union Carbide India Ltd., at Bhopal on 3 December 1984?

Options :

1. ✔ Methyl isocyanate

2. ✘ Methyl ethyl ketone
3. ✘ Phosgene
4. ✘ Ammonia

**Question Number : 98 Question Id : 630680220600 Option Shuffling : Yes Is Question Mandatory : No
Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 2 Wrong Marks : 0.5**

What does CBRN stand for in the context of safety?

Options :

1. ✘ Computer Based Resource Network
2. ✘ Chemical Based Risk Network
3. ✔ Chemical, Biological, Radiological and Nuclear
4. ✘ Critical Basic Risk Number

**Question Number : 99 Question Id : 630680220601 Option Shuffling : Yes Is Question Mandatory : No
Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 2 Wrong Marks : 0.5**

The Deepwater Horizon oil rig explosion on 20 April 2010 in the Gulf of Mexico led to the spill of _____ gallon crude oil.

Options :

1. ✘ about 10 million
2. ✘ 50 million
3. ✘ about 40 million
4. ✔ about 4 million

**Question Number : 100 Question Id : 630680220602 Option Shuffling : Yes Is Question Mandatory :
No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 2 Wrong Marks : 0.5**

_____ are human (society) made disasters.

Options :

1. ✘ Tsunamis
2. ✔ Ethnic conflicts
3. ✘ Earthquakes
4. ✘ Cyclones