

# National Testing Agency

<b>Question Paper Name :</b>	Environmental Occupational Hazards 29th August 2021 Shift 2
<b>Subject Name :</b>	Environmental Occupational Hazards
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## Environmental Occupational Hazards

<b>Group Number :</b>	1
<b>Group Id :</b>	94091895
<b>Group Maximum Duration :</b>	0
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<b>Show Attended Group? :</b>	No
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<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No

## Environmental Occupational Hazards -1

<b>Section Id :</b>	940918135
<b>Section Number :</b>	1
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory

<b>Number of Questions :</b>	50
<b>Number of Questions to be attempted :</b>	50
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	940918200
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 9409186395 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

A hazard has the potential to cause harm to -----

1. People
2. Human activity
3. Property damage, economic loss, Environmental impacts
4. All of these

**Options :**

94091824097. 1

94091824098. 2

94091824099. 3

94091824100. 4

**Question Number : 2 Question Id : 9409186396 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

A hazard can be defined as -----

1. A potential threat to humans and their welfare and risk as the probability of hazard occurrence.
2. Those elements of the physical environment, harmful to man and caused by forces extraneous to him.
3. Disaster
4. Options mentioned except disaster.

**Options :**

94091824101. 1

94091824102. 2

94091824103. 3

94091824104. 4

**Question Number : 3 Question Id : 9409186397 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Fires ignited by earthquakes or volcanic eruptions are -----

1. Primary effects
2. Secondary effects
3. Tertiary effects
4. None of these

**Options :**

94091824105. 1

94091824106. 2

94091824107. 3

94091824108. 4

**Question Number : 4 Question Id : 9409186398 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The study of volcanoes is known as -----

1. Volcanology
2. Seismology
3. Hydrology
4. None of these

**Options :**

94091824109. 1

94091824110. 2

94091824111. 3

94091824112. 4

**Question Number : 5 Question Id : 9409186399 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

A depression or a bowl-shaped formation at the summit of a volcano is known as -----

1. Vent
2. Magma Chamber
3. Crater
4. None of these

**Options :**

94091824113. 1

94091824114. 2

94091824115. 3

94091824116. 4

**Question Number : 6 Question Id : 9409186400 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Floods can be caused due to -----

1. Dam and Levee Failures
2. Cloudbursts
3. Cloud bursts and Dam and Levee Failures
4. None of these

**Options :**

94091824117. 1

94091824118. 2

94091824119. 3

94091824120. 4

**Question Number : 7 Question Id : 9409186401 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Changes in the position of river channels is a ----- of flooding.

1. Primary effect
2. Secondary effect
3. Tertiary effect
4. All of these

**Options :**

94091824121. 1

94091824122. 2

94091824123. 3

94091824124. 4

**Question Number : 8 Question Id : 9409186402 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Tropical cyclones are called ----- over the Atlantic, Caribbean, Gulf of Mexico and eastern Pacific Oceans.

1. Hurricanes
2. Typhoons
3. Cyclones
4. Hurricanes and Typhoons, Both

**Options :**

94091824125. 1

94091824126. 2

94091824127. 3

94091824128. 4

**Question Number : 9 Question Id : 9409186403 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

A ----- is a rapidly rotating vortex of air protruding funnel-like towards the ground from a cumulonimbus cloud.

1. Tornado
2. Cyclone
3. Hurricane
4. All of these

**Options :**

94091824129. 1

94091824130. 2

94091824131. 3

94091824132. 4

**Question Number : 10 Question Id : 9409186404 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

NDMP refers to -----.

1. National Disaster Management Policy
2. National Disaster Management Plan
3. National Disaster Management Preparedness
4. None of these

**Options :**

94091824133. 1

94091824134. 2

94091824135. 3

94091824136. 4

**Question Number : 11 Question Id : 9409186405 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The temperature is measured by using the -----.

1. Celsius scale denoted as °C
2. Fahrenheit scale denoted as °F
3. Kelvin scale denoted as K
4. All of these

**Options :**

94091824137. 1

94091824138. 2

94091824139. 3

94091824140. 4

**Question Number : 12 Question Id : 9409186406 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- originates from the decay of heavy atoms like uranium and radon. This radiation is generated in the form of particles when an atom ejects two protons and two neutrons from its nucleus.

1. Alpha Radiation
2. Beta Radiation
3. Gamma Radiation
4. X-rays

**Options :**

94091824141. 1

94091824142. 2

94091824143. 3

94091824144. 4

**Question Number : 13 Question Id : 9409186407 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

-----is the amount of energy deposited by ionizing radiation in a unit mass of tissue.

1. Ionizing radiation
2. Absorbed dose
3. Non-Ionizing radiation
4. All of these

**Options :**

94091824145. 1

94091824146. 2

94091824147. 3

94091824148. 4

**Question Number : 14 Question Id : 9409186408 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**



----- are the substances which can cause cancer.

1. Carcinogens
2. Teratogens
3. Mutagens
4. All of these

**Options :**

94091824149. 1

94091824150. 2

94091824151. 3

94091824152. 4

**Question Number : 15 Question Id : 9409186409 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Benzidine, Aniline, o-Anisidine, o-Toluidine are -----.

1. Inorganic compounds
2. Organic compounds
3. Aromatic Amines
4. Aromatic hydrocarbons

**Options :**

94091824153. 1

94091824154. 2

94091824155. 3

94091824156. 4

**Question Number : 16 Question Id : 9409186410 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- that is generally used in soaps, detergents; water treatment plants can cause burning, swelling and blister formation.

1. Phenol
2. Ammonia
3. Caustic Soda
4. None of these

**Options :**

94091824157. 1

94091824158. 2

94091824159. 3

94091824160. 4

**Question Number : 17 Question Id : 9409186411 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- of a chemical is the ability to impose systemic damage after repeated exposures of a chemical with relatively low levels for a prolonged duration.

1. Acute toxicity
2. Chronic toxicity
3. Systemic toxicity
4. None of these

**Options :**

94091824161. 1

94091824162. 2

94091824163. 3

94091824164. 4

**Question Number : 18 Question Id : 9409186412 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- are chemicals which may be sensitive to friction, shock and react quickly in the presence of air, water, light, heat, and other chemicals.

1. Corrosive chemicals
2. Reactive chemicals
3. Flammable chemicals
4. None of these

**Options :**

94091824165. 1

94091824166. 2

94091824167. 3

94091824168. 4

**Question Number : 19 Question Id : 9409186413 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- destroy or damage living tissue on direct contact.

1. Corrosive chemicals
2. Reactive chemicals
3. Flammable chemicals
4. None of these

**Options :**

94091824169. 1

94091824170. 2

94091824171. 3

94091824172. 4

**Question Number : 20 Question Id : 9409186414 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The Gram stain is a test used to identify bacteria by -----.

1. Protein compositions
2. Cell walls compositions
3. Nucleic acid compositions
4. None of these

**Options :**

94091824173. 1

94091824174. 2

94091824175. 3

94091824176. 4

**Question Number : 21 Question Id : 9409186415 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- are the agents or factors which cause abnormalities on the embryo, fetus malformations, growth retardation and post- natal deficiencies.

1. Carcinogens
2. Teratogens
3. Mutagens
4. All of these

**Options :**

94091824177. 1

94091824178. 2

94091824179. 3

94091824180. 4

**Question Number : 22 Question Id : 9409186416 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- are caused due to living organisms, by-products of an organism, that are harmful or potentially harmful to human beings.

1. Physical hazards
2. Chemical hazards
3. Biological hazards
4. None of these

**Options :**

94091824181. 1

94091824182. 2

94091824183. 3

94091824184. 4

**Question Number : 23 Question Id : 9409186417 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Coronavirus is a -----.

1. Viral disease
2. Bacterial disease
3. Fungal disease
4. None of these

**Options :**

94091824185. 1

94091824186. 2

94091824187. 3

94091824188. 4

**Question Number : 24 Question Id : 9409186418 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- are either parasitic or saprophytic.

1. Bacteria
2. Fungi
3. Viruses
4. Parasites

**Options :**

94091824189. 1

94091824190. 2

94091824191. 3

94091824192. 4

**Question Number : 25 Question Id : 9409186419 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Bagassosis commonly occurs in the ----- industry.

1. Mining
2. Cotton
3. Pharmacuetical
4. Sugarcane

**Options :**

94091824193. 1

94091824194. 2

94091824195. 3

94091824196. 4

**Question Number : 26 Question Id : 9409186420 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- are present in plants: parsnips (related to carrots and parsley), celery roots, lemon, lime, grapefruit, bergamot and some medicinal plants.

1. Lectins
2. Mycotoxins
3. Cyanogenic glycoside
4. Furocoumarins

**Options :**

94091824197. 1

94091824198. 2

94091824199. 3

94091824200. 4

**Question Number : 27 Question Id : 9409186421 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- the main cause of farmer's lung.

1. *Escherichia coli*
2. *Micropolyspora faeniis*
3. *Staphylococcus aureus*
4. None of these

**Options :**

94091824201. 1

94091824202. 2

94091824203. 3

94091824204. 4

**Question Number : 28 Question Id : 9409186422 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Tumour of tissues lining lung common in the asbestos workers -----,

1. Pneumonia
2. Bacterial disease
3. Tuberculosis
4. Mesothelioma

**Options :**

94091824205. 1

94091824206. 2

94091824207. 3

94091824208. 4

**Question Number : 29 Question Id : 9409186423 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- is an explosive remnant present in mines.

1. Nitrate
2. Sulphate
3. Bauxite
4. Mica

**Options :**

94091824209. 1

94091824210. 2

94091824211. 3

94091824212. 4

**Question Number : 30 Question Id : 9409186424 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**



----- is an infection of the lung caused by a common soil fungus.

1. Pencillium
2. Aspergillus
3. Actinomyces
4. Histoplasmosis

**Options :**

94091824213. 1

94091824214. 2

94091824215. 3

94091824216. 4

**Question Number : 31 Question Id : 9409186425 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- a disease common in cattle, sheep and goats.

1. Q Fever
2. Psittacosis
3. Rabies
4. Avian flu

**Options :**

94091824217. 1

94091824218. 2

94091824219. 3

94091824220. 4

**Question Number : 32 Question Id : 9409186426 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Examples of arbovirus outbreaks include -----.

1. Zika Virus
2. West Nile virus
3. Dengue virus
4. Zika and West Nile virus, Both

**Options :**

94091824221. 1

94091824222. 2

94091824223. 3

94091824224. 4

**Question Number : 33 Question Id : 9409186427 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

A runny or stuffy nose when inhaling agricultural dust is referred to as -----.

1. Rhinitis
2. Conjunctivitis
3. Asthma
4. None of these

**Options :**

94091824225. 1

94091824226. 2

94091824227. 3

94091824228. 4

**Question Number : 34 Question Id : 9409186428 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Toxic Organic Dust Syndrome is also known as -----.

1. Monday Fever
2. Grain Fever
3. Tuberculosis
4. Farmer's Lung

**Options :**

94091824229. 1

94091824230. 2

94091824231. 3

94091824232. 4

**Question Number : 35 Question Id : 9409186429 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Sericulture includes the cultivation of -----.

1. Cotton plants
2. Silkworms
3. Jute
4. Hemp

**Options :**

94091824233. 1

94091824234. 2

94091824235. 3

94091824236. 4

**Question Number : 36 Question Id : 9409186430 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Human pathogens like ----- can be developed into bioweapons

1. *B. anthracis*
2. *Botulinum toxin*
3. *Francisella tularensis*
4. All of these

**Options :**

94091824237. 1

94091824238. 2

94091824239. 3

94091824240. 4

**Question Number : 37 Question Id : 9409186431 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

HIV refers to -----.

1. Hepatitis C Virus
2. Hepatitis C Virus
3. Human Immunodeficiency Virus (HIV)
4. None of these

**Options :**

94091824241. 1

94091824242. 2

94091824243. 3

94091824244. 4

**Question Number : 38 Question Id : 9409186432 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- is the ability to experience the feelings of another person.

1. Empathy
2. Sympathy
3. Both of these
4. None of these

**Options :**

94091824245. 1

94091824246. 2

94091824247. 3

94091824248. 4

**Question Number : 39 Question Id : 9409186433 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Name a condition from which a person involves in plastering the limbs of patients may suffer.

1. Sprain
2. Dry hand syndrome
3. Carpel Tunnel Sundrome
4. Fibrosis

**Options :**

94091824249. 1

94091824250. 2

94091824251. 3

94091824252. 4

**Question Number : 40 Question Id : 9409186434 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Chemicals used in hospital can be categorized into -----

1. Disinfecting and sterilizing agents
2. Anesthetic agents
3. Cytotoxic drugs and pharmaceutical substance
4. All of these

**Options :**

94091824253. 1

94091824254. 2

94091824255. 3

94091824256. 4

**Question Number : 41 Question Id : 9409186435 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Waste contaminated with blood and other bodily fluids, cultures and stocks of infectious agents from laboratory work, or waste from patients with infections is known as -----.

1. Sharps waste
2. Infectious waste
3. Pathological waste
4. Solid waste

**Options :**

94091824257. 1

94091824258. 2

94091824259. 3

94091824260. 4

**Question Number : 42 Question Id : 9409186436 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Waste such as products contaminated by radionuclides including radioactive diagnostic material or radiotherapeutic materials come under -----

1. Sharps waste
2. Infectious waste
3. Pathological waste
4. Radioactive waste

**Options :**

94091824261. 1

94091824262. 2

94091824263. 3

94091824264. 4

**Question Number : 43 Question Id : 9409186437 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- uses plasma torches to generate plasma energy.

1. Incinerators
2. Plasma pyrolysis
3. Sterilization
4. None of these

**Options :**

94091824265. 1

94091824266. 2

94091824267. 3

94091824268. 4

**Question Number : 44 Question Id : 9409186438 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The US Occupational Safety and Health Administration (OSHA) recommend that workers take a \_\_\_ minute break for every hour spent on a computer.

1. 15
2. 20
3. 5
4. 10

**Options :**

94091824269. 1

94091824270. 2

94091824271. 3

94091824272. 4

**Question Number : 45 Question Id : 9409186439 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

How many times greater is the concentration of respirable suspended particulates in a smoking office than a smoke-free office?

1. 5 times
2. 50 times
3. 500 times
4. No obvious difference

**Options :**

94091824273. 1

94091824274. 2

94091824275. 3

94091824276. 4

**Question Number : 46 Question Id : 9409186440 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**



The basic factors for Ionizing radiation protection are -----.

1. Time
2. Distance
3. Shielding
4. All of these

**Options :**

94091824277. 1

94091824278. 2

94091824279. 3

94091824280. 4

**Question Number : 47 Question Id : 9409186441 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- consists of three layers of nonwoven fabrics.

1. Googles
2. Surgical Mask
3. Respirator
4. All of these

**Options :**

94091824281. 1

94091824282. 2

94091824283. 3

94091824284. 4

**Question Number : 48 Question Id : 9409186442 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- is the process whereby a person is made immune or resistant to an infectious disease.

1. Immunization
2. Health Surveillance
3. Sterilization
4. None of these

**Options :**

94091824285. 1

94091824286. 2

94091824287. 3

94091824288. 4

**Question Number : 49 Question Id : 9409186443 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Events caused by short-lived/small to meso-scale atmospheric processes (in the spectrum from minutes to days) -----.

1. Climatological
2. Hydrological
3. Meterological
4. Geophysical

**Options :**

94091824289. 1

94091824290. 2

94091824291. 3

94091824292. 4

**Question Number : 50 Question Id : 9409186444 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- occur when heavy rain or rapid snow/ice melt send large amounts of vegetation, mud, or rock down slope by gravitational forces.

1. Mudflow
2. Volcano
3. Landslides
4. Earthquake

**Options :**

94091824293. 1

94091824294. 2

94091824295. 3

94091824296. 4