

ENVIRONMENTAL CHEMISTRY BASED GENERAL SCIENCE MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

For All Competitive SSC, Bank, IBPS, UPSC, Railway, IT & Other Govt. Exams

Created By [Careericons](#) Team

Q1. Which of the following practices will not come under green chemistry?

- a) Using H_2O_2 for bleaching purpose instead of using chlorine based bleaching agents.
 - b) Using bicycle for travelling small distances instead of using petrol/ diesel based vehicles.
 - c) If possible, making use of soap made of vegetable oils instead of using synthetic detergents.
 - d) Using plastic cans for neatly storing substances.
-

Q2. Which of the following is a measure of organic pollution of water –

- a) COD
 - b) BOD
 - c) DO
 - d) All of these
-

Q3. The gas leaked from a storage tank of the Union Carbide plant in Bhopal gas tragedy was

- a) Methylamine
 - b) Ammonia
 - c) Methyl isocyanate
 - d) Phosgene
-

Q4. Which one of the following correctly defines the state of glass?

- a) Condensed gas
- b) Super cooled liquid

c) Crystalline solid

d) Liquid crystal

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Q5. The non-viable particulate is among the following is

a) Bacteria

b) Moulds

c) Dust

d) Fungi

Q6. The type of pollution caused by spraying of DDT

a) Air and water

b) Air

c) Air and soil

d) Air, water and soil

Q7. The false statement among the followings is:

a) Limestone acts as a sink for SO_x

b) The average residence time of NO is one month

c) SO_x can be removed from flue gases by passing through a solution of citrate ions

d) Ammonia acts as a sink for NO_x

Q8. Among the following statements,

- Minamata disease is caused by mercury.
- Carbon monoxide is carcinogenic, so it is harmful to human beings.
- Sewage waste is non-biodegradable pollutant.

Select the incorrect ones:

- a) 2 and 3
 - b) 1 and 2
 - c) 1 and 3
 - d) 1, 2 and 3
-

Q9. Which among the following statements is false?

- a) The main reason for river water pollution is industrial and domestic sewage discharge
 - b) Oil slick in sea water increases D.O. value
 - c) Surface water contains a lot of organic matter mineral nutrients and radioactive materials
 - d) Oil spill in sea water causes heavy damage to fishery
-

Q10. Salts of which of the following elements provide colours to fireworks?

- a) Strontium and barium
 - b) Potassium and mercury
 - c) Zinc and sulphur
 - d) Chromium and nickel
-

Q11. Presence of which of the following fuel gas in the exhaust fumes shows incomplete combustion of fuel?

- a) Carbon monoxide and water vapour
 - b) Carbon monoxide
 - c) Sulphur dioxide
 - d) Nitrogen dioxide
-

Q12. It is said, the Tajmahal may be destroyed due to –

- a) Air pollutants released from oil refinery of Mathura
- b) Decomposition of marble as a result of high temperature

c) Flood in Yamuna river

d) All the above

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Q13. The false statement among the followings :

a) Limestone acts as a sink for SO_2

b) SO_2 can be removed from flue gases by passing through a solution of citrate ions

c) The average residence time of NO is one month

d) Ammonia acts as a sink for NO_x

Q14. Which one of the following is not contained in Portland cement ?

a) Ca_2SiO_4

b) Ca_3SiO_5

c) $\text{Ca}_3\text{Al}_2\text{O}_6$

d) $\text{Ca}_3(\text{PO}_4)_2$

Q15. Which one of the following statements about ozone and ozone layer is true?

a) The conversion of ozone to oxygen is an endothermic reaction

b) Ozone layer is beneficial to us because ozone cuts out the ultraviolet radiation of the sun

c) Ozone has a triatomic linear molecule

d) None

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Answers to the above questions :

Q1. Answer: (d)

Q2. Answer: (d)

Q3. Answer: (c)

Methyl isocyanate, $\text{CH}_3 - \text{N} = \text{C} = \text{O}$

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MEASUREMENT AND SI UNITS

MEASURING DEVICES AND SCALES

MECHANICS (MASS, FORCE, ACCELERATION, WORK, ENERGY, MOMENTUM, VELOCITY)

FORCE OF GRAVITY, SOLIDS AND FLUIDS

MOTION UNDER GRAVITY

PHYSICAL PROPERTIES OF MATERIALS

LIGHT, HEAT, THERMODYNAMICS, WAVE MOTION, SOUND, OPTICS & OSCILLATIONS

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NATURE OF MATTER AND COMPOSITION

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CLASSIFICATION OF ELEMENTS, CHEMICAL BONDING, PERIODICITY IN PROPERTIES & PHYSICAL TRANSFORMATION

METALS, NON METALS, MINERALS, ORES, PROPERTIES, USES

ALLOYS, CARBON & ITS VARIOUS FORMS, HYDROGEN & COMPOUNDS, SULPHUR, NITROGEN, HALOGEN & INERT GASES

ACIDS, BASES, SALTS AND METALS

HYDROCARBON, ALCOHOL, POLYMER, ORGANIC ACID AND EXPLOSIVE SUBSTANCE

FUEL, FOOD PRESERVATION, NUTRITION, MEDICINE, DETERGENTS AND FERTILIZERS

INORGANIC CHEMISTRY

ORGANIC CHEMISTRY

ENVIRONMENTAL CHEMISTRY

SOME IMPORTANT MAN MADE MATERIALS

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HUMAN ANATOMY

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PHYSIOLOGY OF PLANTS, HUMANS AND ANIMALS

REPRODUCTION

FOOD PRODUCTION

BIOLOGY IN HUMAN WELFARE

ECOLOGY AND ENVIRONMENT AWARENESS

GENETIC ENGINEERING AND BIO TECHNOLOGY

Q4. Answer: (b)

Q5. Answer: (c)

Dust

Q6. Answer: (d)

DDT causes water, air and soil pollution.

Q7. Answer: (b)

The average residence time of NO is 4 days.

Q8. Answer: (a)

Carbon monoxide is harmful to human beings because of its high affinity towards haemoglobin, the red pigment of blood.

Q9. Answer: (b)

Oil slick in sea water decreases D.O value.

Q10. Answer: (a)

Q11. Answer: (b)

Presence of CO in the exhaust fumes shows incomplete combustion.

Q12. Answer: (a)

Q13. Answer: (c)

The average residence time of NO is 4 days.

Q14. Answer: (d)

Q15. Answer: (b)

Statement (a) is correct.

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