Sample Questions for EVS (22447) I Scheme

Topic 1

1. Chemical released by chlorofluorocarbons is –
   Option-
   i) Nitrogen  
   ii) Sulphuric acid  
   iii) Chlorine  
   iv) Sodium chloride  

   **Answer:- iii) Chlorine**

2. In the atmosphere, tiny solid or liquid suspended particles of various composition are called:
   i) Aerosols  
   ii) Carcinogens  
   iii) Greenhouse Gases  
   iv) Microbes  

   **Answer:- i) Aerosols**

3. Identify the non Green-House Gas (GHG) from the following:
   i) Methane  
   ii) Nitrous Oxide  
   iii) CFCs  
   iv) Carbon Monoxide  

   **Answer:- iv) Carbon Monoxide**

4. In the E- waste generated by the Mobile Phones, which among the following metal is most abundant?
   i) Copper  
   ii) Gold  
   iii) Silver  
   iv) All of the above  

   **Answer:- i) Copper**

5. Major consumer of wood form forest is ________________ .
i) Thermal Power Plant
ii) Paper Industry
iii) Chemical Industry
iv) None of the above

Answer: ii) Paper Industry

6. Biotic component of biosphere is not constituted by ..........
i) Producer
ii) Consumer
iii) Decompose
iv) Air

Answer: iv) Air

7. Suppose last night was clear and clam. Tonight low clouds will be present. From this you would conclude that tonight’s minimum temperature will be:
i) Higher than last night’s minimum temperature
ii) Lower than last night’s minimum temperature
iii) The same as last night’s minimum temperature
iv) Above freezing

Answer: i) Higher than last night's minimum temperature

Topic 2

1. Hygroscopic and combined water
   i) Are used by plants during transpiration
   ii) Compensates for loss due to evapotranspiration by plants
   iii) Stored in the xylem tissues of plant
   iv) Are of no use to plants

Answer: iv) Are of no use to plants.

2. The primary composition of coal is ................
i) Carbon
ii) Oxygen
iii) Hydrogen
iv) Nitrogen

Answer: i) Carbon
3. A layer of sediment or rock that is highly permeable and contains water is called
   i) Aquifer
   ii) Spring
   iii) Glacier
   iv) Seepage

   Answer: i) Aquifer

4. Bio gas is a renewable source of
   i) Energy
   ii) Heat
   iii) Light
   iv) Fossil

   Answer: i) Energy

5. The most abundantly available fossil fuel in India is ____________ .
   i) Coal
   ii) Natural Gas
   iii) Petroleum
   iv) Oil

   Answer: i) Coal

6. Which one of the following is the benefit of rainwater harvesting?
   i) Decrease the ground water level
   ii) Create good aesthetic view
   iii) Provide a lot of water to play
   iv) Flood mitigation

   Answer: iv) Flood mitigation

7. Famine is mainly the results of
   i) Deforestation
   ii) Overuse of surface water
   iii) A prolonged drought
   iv) All of the above

   Answer: iv) All of the above
1. About ____ % area of earth is Oceans.
   i) 75
   ii) 40
   iii) 30
   iv) None of the above

   **Answer:** i) 75

2. Biodiversity hotspots are also known as
   i) Evergreen forests of tropic region
   ii) Biologically rich areas with large percentage in endemic species.
   iii) Desert area
   iv) All of the above

   **Answer:** ii) Biologically rich areas with large percentage in endemic species.

3. Aravali mountain are covering states such as
   i) Gujrat, M.P, Rajasthan
   ii) Ladakh Mountain
   iii) Coastal region
   iv) None of the above

   **Answer:** i) Gujrat, M.P, Rajasthan

4. Extinction of weaker species by an aggressive alien species is the result of
   i) Endemism of weaker species
   ii) Habitat loss
   iii) The domino effect
   iv) All of the above

   **Answer:** iii) The domino effect

5. First national park established in India is
   i) Jawaharlal Nehru National Park
   ii) Salim Ali National Park
   iii) Dr. Bose National Park
   iv) Jim Corbett National Park

   **Answer:** iv) Jim Corbett National Park
6. A food chain consists of
   i) Producers, Consumers, Decomposers
   ii) Producers, Carnivores, Decomposers
   iii) Primary Producers, Herbivores, Carnivores
   iv) Producers, Primary Consumers, Carnivores

   Answer:- i) Producers, Consumers, Decomposers

7. Approximately_____ % of the known species are insects.
   i) 31
   ii) 21
   iii) 11
   iv) 61

   Answer:- iv) 61

Topic 4

1. Anthropogenic source of pollution is
   i) Acid rain
   ii) Use of chemical fertilizer
   iii) Earthquake
   iv) All of these

   Answer:- ii) Use of chemical fertilizer

2. Increase in concentration of soluble salts in the soil is called ______.
   i) Soilification
   ii) Soluble-soil
   iii) Salination
   iv) Desalination

   Answer:- iii) Salination

3. Groundwater recharging can be achieved by
   i) Recharging pits
   ii) Recharging well
   iii) Both
   iv) None

   Answer:- iii) Both
4. As per MPCB norms of treated sewage, the total suspended solids (TSS) in treated sewage should be less than ____ for discharging into surface water.
   i) 50 mg/I
   ii) 100 mg/I
   iii) 150 mg/I
   iv) 200 mg/I

   Answer: ii) 100 mg/I

5. Aerosols cause ______________.
   i) Air pollution
   ii) Land pollution
   iii) Water pollution
   iv) None of the above

   Answer: i) Air Pollution

6. As per noise standards, the noise level for hospitals is ____.
   i) 20-30 dB
   ii) 30-40 dB
   iii) 40-50 dB
   iv) 50-60 dB

   Answer: ii) 30-40 dB

7. Domestic wastes which can be decomposed under natural processes are called __________ pollutants which are relatively harmless.
   i) Industrial
   ii) Thermal
   iii) Biodegradable
   iv) Non-biodegradable

   Answer: iii) Biodegradable
   i)  Bhopal
   ii) Shimla
   iii) Mumbai
   iv) Bangalore

   **Answer:** i) Bhopal

2. Environmental impact of development projects can be
   i)  Immediate
   ii) Short term
   iii) Long term
   iv) All of these

   **Answer:** iv) All of these

3. Damanganga – Pinjal Link is a
   i)  Dam
   ii) Interlinking of rivers
   iii) Hydro power plant
   iv) Highway

   **Answer:** ii) Interlinking of rivers

4. Feature of formal education is
   i)  Education as a Full time and Primary activity
   ii) Education as a Part time and secondary activity
   iii) Education during vacation
   iv) Education as an optional activity

   **Answer:** i) Education as a Full time and Primary activity

5. How many methods of rainwater harvesting are there?
   i)  1
   ii)  2
   iii) 3
   iv)  4
Answer:- ii) 2

6. Information technology can be used to forecast weather using
   i) Computer based modelling
   ii) Green belt development
   iii) Cloud seeding
   iv) Protected farming
   
   Answer:- i) Computer based modelling

7. MPCB is entitled to collect which of the following samples in Maharashtra
   i) Air Pollutant
   ii) Water Pollutant
   iii) Hazardous Waste
   iv) All of i, ii & iii

   Answer:- iv) All of i, ii & iii.