

Roll No. ....

**D-1062**

**M. Sc. (Fourth Semester) (Main/ATKT)**

**EXAMINATION, 2020**

ENVIRONMENTAL SCIENCE

Paper Fourth

**(Environmental Law, Policies and Society)**

*Time : Three Hours ]*

*[ Maximum Marks : 80*

**Note :** Attempt all Sections as directed.

**Section—A**

1 each

**(Objective/Multiple Choice Questions)**

**Note :** Attempt all questions.

Choose the correct answer :

1 each

1. The Air (Prevention and Control of Pollution) Act, 1981 was first amended in the year :

- (a) 1987
- (b) 1990
- (c) 1986
- (d) 1988

**(B-31) P. T. O.**

**[ 2 ]**

**D-1062**

2. Power to give directions is declared under :
  - (a) Section 16
  - (b) Section 25
  - (c) Section 18
  - (d) Section 17
3. The Forest (Conservation) Act extends to the whole of India except :
  - (a) Uttar Pradesh
  - (b) Karnataka
  - (c) Jammu and Kashmir
  - (d) Haryana
4. Penalty for conservation of the provisions of the Forest Act is under :
  - (a) Section 3 A
  - (b) Section 4 A
  - (c) Section 12 A
  - (d) Section 8 A
5. The first of the major environmental protection act to be promulgated in India was :
  - (a) Air Act
  - (b) Noise Pollution Rule
  - (c) Environmental Act
  - (d) Water Act

**(B-31)**

**[ 3 ]**

**D-1062**

6. The Environmental (Protection) Act was enacted in the year :
  - (a) 1986
  - (b) 1984
  - (c) 1992
  - (d) 1974
7. What is the colour coding of the bag used in hospitals to dispose of human anatomical wastes such as body parts ?
  - (a) Black
  - (b) Red
  - (c) Yellow
  - (d) Blue
8. Regarding framework for chemical safety, choose the relevant laws/rules.
  - (1) Environmental Protection Act, 1986
  - (2) Manufacture Storage and Import of Hazardous Chemical Rules, 1989
  - (3) Public Liability Insurance Act, 1991
  - (4) The Wildlife Protection Act, 1972
  - (a) 1 and 4
  - (b) 1, 2 and 4
  - (c) 1, 2 and 3
  - (d) Only 2
9. Basel Convention is related to the :
  - (a) Ozone layer depletion
  - (c) Sustainable development
  - (c) Earth summit
  - (d) Trans-boundary Movements of Hazardous Wastes and their Disposal

**(B-31) P. T. O.**

10. Stockholm Convention on Persistent Organic Pollutants is an international environmental treaty, signed in 2001 and effective from :
- 2010
  - 2005
  - 2004
  - 2009
11. Which of the following conventions provides the framework for national action and international co-operation for the conservation and wise use of wetlands and their resources ?
- World Heritage Convention (WHC)
  - International Treaty on Plant Genetic Resources for Food and Agriculture
  - International Institute for Environment and Development (MED)
  - Ramsar Convention
12. \_\_\_\_\_ is an international treaty to prevent species from becoming endangered or extinct because of international trade.
- Consultative Group for International Agriculture Research (CGIAR)
  - Convention on the Conservation of Migratory Species of Wild Animals (CMS)
  - Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)
  - All of the above

13. Sustainable Development Goals Official Known as Transforming our World : the 2030 agenda for Sustainable Development is an intergovernmental set of aspiration goals. Choose the correct statements regarding this :
- It has 17 target and 169 goals
  - It is a successor of MDG
  - Three dimensions of SDG are society, economics and environment and there interlink ages.
  - MDG was part of Millennium Summit 2000
- Select the correct answer using the codes given below :
- 1, 2 and 3
  - 1, 2 and 4
  - Only 2
  - 2, 3 and 4
14. United Nations Framework Convention on Climate Change is an international treaty drawn at :
- UN Conference on Environmental and Development. 1992
  - UN Conference on the Human Environment, 1972
  - World Summit on Sustainable Development, 2020
  - UN Climate Change Conference, 2009
15. Which of the following is responsible for reducing global CFC production by half ?
- Montreal Protocol
  - Kyoto Protocol
  - Copenhagen Protocol
  - Pollution Prevent Act

16. Economic development refers to :
- Economic growth.
  - Economic growth plus changes in output distribution and economic structure.
  - Improvement in the well-being of the urban population.
  - Sustainable increases in Gross National Product.
17. A multi-dimensional measure of poverty include includes which of the following elements ?
- Health level
  - Education level
  - Living standards
  - All of the above
18. When depreciation is deducted from GNP, the net value is :
- Disposable income
  - Net domestic product
  - Gross national product
  - Net national product
19. Economic growth can be seen by an outward shift of :
- The Production Possibility Frontier
  - The Gross Domestic Barrier
  - The Marginal Consumption Frontier
  - The Minimum Efficient Scale
20. Which one of the following was launched on 1973 ?
- Project Elephant
  - Wildlife Protection
  - Project Tiger
  - Indian Forest Act

## Section - B

## (Very Short Answer Type Questions)

**Note :** Attempt all questions. 2 each

- When can a court take cognizance of an offence under the Act ?
- What are the scopes of Environmental Protection Act ?
- Who has the power of entry and inspection for the prevention of environmental pollution ?
- What are Recycled plastic manufacture and usage rules ?
- Define Discount factor.
- Define "Emission", "Occupier" and outlet under the Act ?
- Define Economic growth.
- Define hazardous substance.

## Section—C

## (Short answer type questions)

**Note :** Attempt any *eight* questions. 3 each

- Write the policies relating to control Ozone depletion.
- Describe and discuss how the principles are implemented and reflected in the Kyoto protocol.
- Write a short note on Cost effectiveness analysis
- Explain Hunting and Gathering society.
- Write a short note on Agenda 21.
- Explain e-Waste management and handling rules.
- Explain Environmental ethics in brief.
- What are the Objects of Environment (Protection) Act, 1986 ?
- Discuss the powers and functions of Central Boards under Water Act.
- Write a short note on the Earth summit or Rio summit, 1992.

**[ 8 ]**

**D-1062**

**Section—D**

5 each

**(Long Answer Type Questions)**

**Note :** Attempt any *four* questions.

1. Highlight the penalties and punishment under Air Act.
2. What are the provisions under the Indian Forest Act, 1927 for the control over forest and lands not being the property of Government ? Discuss.
3. Discuss about the penalties and punishments given under Public Liability Insurance Act.
4. Comment on hazardous wastes (Management and Handling) Rules 1989. What are the salient features of these rules ?
5. Explain the principles of Stockholm Conference.
6. Write a brief note on Nairobi declaration.
7. How is sustainable development reflected in the UN framework Convention on Climate Change and the UN Convention on Biological Diversity ?
8. How does poverty affect the GOP ? Discuss about the remedial measures.
9. What is Society ? Discuss why societies are necessary for the sustainable development and environmental impacts ?

**D-1062**

**(B-31)**