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H-7222

M.Sc. (Semester-II) Examination, July - 2022

ENVIRONMENTAL SCIENCE

(Environmental Economics, Laws and Policies)

Time Allowed : Three Hours

Maximum Marks : 70

Minimum Passing Marks : 28

Note : This question paper is divided into **four** sections. Attempt questions of all four sections as per given directions. Distribution of marks is given in each section.

SECTION-A

(Objective Type Questions)

Note : Answer as directed in one/two words. Answer briefly and neatly.

1.(A) Multiple Choice Questions (**any five**) : [1×5=5]

(i) Earth Summit means :

(a) Biodiversity Convention, 1992

(b) Kyoto Protocol, 1997

(c) Johannesburg Convention, 2002

(d) None of the above

(ii) M.C. Mehta vs. Kamal Nath [(1997) ISCC 388] deals with :

(a) Right to wholesome environment

(b) Precautionary Principle

(c) Public Trust Doctrine

(d) None of the above

(iii) The Ramsar convention deals with the conservation of :

(a) Wetlands

(b) Endangered species of birds

(c) Endangered species of wild animals

(d) None of the above

(iv) The outer layer of atmosphere protecting earth from UV rays of the sun is called :

(a) Chlorofluro Carbon (CFC)

(b) Ozone layer

(c) Troposphere

(d) Stratosphere

(v) Kyoto Protocol is related to _____.

(a) Ozone depletion

(b) Global warming

(c) Acid Rain

(d) Climate Change

(vi) Article 48-A of the constitution is specially inserted for _____.

(a) Organization of agriculture and animal husbandry

(b) Protection of monuments

(c) Raising the level of nutrition

(d) Protection and improvement of environment

(vii) One of the major results of the Stockholm conference was the creation of :

(a) UNFCCC

(b) UNEP

(c) UNCCD

(d) WMO

(B) Fill in the blanks (**any five**) : [1×5=5]

(viii) Human Capital include _____.

(ix) Manufactured Capital include _____.

(x) Earth Capital or Natural Resources include_____.

(xi) Example of Produced Asset is _____.

(xii) Example of Non-Produced Asset is _____.

(xiii) Example of Tangible Non-produceds Asset is _____.

SECTION-B

(Very Short Answer Type Questions)

Note: Attempt **any ten** questions. Each question carries **02** marks. (word limit **25-30** words) [10×2=20]

2. (i) What is Asset?

(ii) What is meant by tangible asset?

(iii) What is meant by intangible asset?

(iv) What is financial asset?

(v) Explain the term 'Sustainable development'?

(vi) Define Human Capital.

(vii) What is meant by Resources ?

(viii) Define resource conservation.

(ix) Define resource depletion.

(x) What is meant by 'in-situ' and 'ex-sites' conservation?

(xi) Define the term 'environmental accounting'.

(xii) Define the term 'Green Economics'.

SECTION-C

(Short Answer Type Questions)

Note: Attempt **any five** questions. Each question carries **04** marks. (word limit is **250** words) [5×4=20]

3. (i) Wildlife Protection Act and its implementation in India.

(ii) Green Bench –Role and Importance in Indian perspective.

(iii) National Green Tribunal – Vision, Mission, Areas of work, Relevance in current scenario.

(iv) Polluter Pays Principle

(v) Absolute Liability

(vi) Precautionary Principle

(vii) Taj Trapezium Case

SECTION-D

(Essay Type Questions)

Note: Attempt **any two** questions. Each question carries **10** marks. (word limit more than **500** words) [2×10=20]

4. (i) Environmental Protection Act (EPA) (1986) is often considered as an umbrella legislation to safeguard India's state of environment. Comment and Discuss.

(ii) Explain in detail Oleum Gas Leak Case (1986) [M.C. Mehta vs. UOI]

(iii) Explain with proper example the concept of Travel Cost Method and it's importance in present day scenario.

(iv) Explain with proper example the concept of Hedonic Pricing and it's importance in current world.

(v) Explain the role of Supreme Court in Safeguarding India's environmental condition with special reference to landmark judgments passed in best interest of environmental conditions of our country.

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