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SARDAR PATEL UNIVERSITY
T. Y. B.Sc. (6th SEMESTER) EXAMINATION
Saturday, 9th April 2016
02.30 p.m. to 05.30 p.m.
Environmental Science
US06CENV06 Environmental Issues And Legislation

Total Marks: 70

Q1 Answer the following multiple choice questions

(10)

1. EIA stands for _____
(a) Environmental Integration for auditing (b) Env. Integrated Assessment
(c) Environmental Impact Assessment (d) Environmental Investigation and Auditing
2. ISO audit is conducted for _____
(a) Industries (b) Institutions (c) Colleges (d) All options are true
3. Public hearing is essential in _____
(a) EMS (b) EIA (c) EA (d) EAC
4. _____ is the better option for sustainable development in climate change scenario
(a) Carbon sequestration by microalgal cultivation (b) Afforestation
(c) Clean development mechanism (d) All of the above
5. CO₂ absorbs _____ in the troposphere
(a) UV radiation (b) Microwaves (c) Infrared (d) Graviton
6. _____ is defined as the variety and variability among living organisms.
(a) Biodiversity (b) Social forestry (c) Agro- forestry (d) Water act
7. _____ is any conduit pipe or channel, opener closed, carrying sewage or trade.
(a) Sewer (b) Stream (c) Sewerage (d) Outlet
8. Any solid or liquid or gaseous substance coming out of any chimney or duct is _____
(a) Pollutant (b) Emission (c) Automobile (d) None
9. _____ is an agency that coordinates its environmental activities, assisting developing countries in implementing environmentally sound policies and practices
(a) IPCC (b) GPCB (c) UFGCC (d) UNEP
10. _____ was the leader of Narmada Bachao Andolan
(a) Baba Amte (b) Dhoom Singh Negi (c) Bachni Devi (d) Chandi Prasad

Q2. Answer the following questions in brief (Any ten)

(20)

1. Write down Performa for environmental statement
2. Why is public hearing important in EIA?
3. Define the term "ISO"
4. What is the greenhouse effect? Enlist green house gases
5. State major consequences of climate change
6. How does climate change and global warming differ?
7. Define the term "Water Pollution"
8. Discuss in brief "Hazardous Waste Site" and "Occupier"
9. What is the main purpose of environmental (protection) rule, 1986?
10. Explain the significance of wetlands
11. Comment on CPCB
12. Describe Appiko movement

Q3. Why is EIA essential? Which are the criteria to conduct EIA? Describe the process in detail (10)

OR

Q.3. Explain Environmental Management System? Add a note on ISO. (10)

Q4. (a) Mention natural and anthropogenic causes for global climate change. Discuss the GHGs responsible for global warming. (07)

(b) Write down details of important International summit and protocol (03)

OR

Q4. (a) Discuss the factors responsible for ozone hole formation (05)

(b) Write down the role of polar environment in ozone hole formation (05)

Q5. (a) Describe in detail powers and functions of Boards in terms of Air Pollution Act, 1981 (07)

(b) Discuss power of board to declare air pollution control areas (03)

OR

Q5. (a) Explain power and functions of Boards in terms of Water Pollution Act, 1974 (05)

(b) Write down functions of environmental laboratories and qualification of Government analyst (05)

Q6. (a) Describe Narmada Bachao Andolan movement (05)

(b) Give a detailed note on Chipko Movement (05)

OR

Q6. Write a note on:

(a) UNFCCC (07)

(b) UNEP (03)

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(2)