

Seat No. : _____

SK-125

September-2020

B.Sc., Sem.-VI

**CC-309 : Environmental Science
(Environmental Legislation and Policies)**

Time : 2 Hours]

[Max. Marks : 50

- Instructions :**
- (1) Draw figures where necessary.
 - (2) Show question number against each answer.
 - (3) Figures in right indicate marks.
 - (4) Answer any **three** out of initial **eight** main questions. Question **9** is compulsory.

1. (A) Describe planning an EMS with environmental aspects identified and goals established. 7
(B) What are the organizational responsibilities in EMS ? 7
2. (A) Describe personal responsibilities in EMS. 7
(B) Discuss authority and resources involved in EMS planning. 7
3. (A) Describe an EMS policy statement showing objectives. 7
(B) Explain sample 'action suggested' part in EMS and its importance. 7
4. (A) Write note on Management of documentation and records on EMS. 7
(B) Explain use of EMS manual and register. 7
5. (A) Write note on The Air (P&C of Pollution) Act, 1981. 7
(B) List types of hazardous wastes and important laws for protection against it. 7

6. (A) Summarize provision under Biomedical Waste (Management & Handling) Act, 1998 with amendments in 2015. 7
- (B) Discuss Municipal Solid Waste (M&H) Act, 2000. 7
7. (A) Discuss Regulations on use of plastics under Recycled Plastic Manufacture and Usage Act, 1999. 7
- (B) Explain legal provisions on controlling use of Ozone-depleting substances. 7
8. (A) Discuss the Indian laws enacted to conserve forests. 7
- (B) How the Wild-life (Protection) Act, 1972 confers safety to wild animals ? 7
9. Answer in short : (any **Eight**). 8
- (1) Exposure prediction depends upon _____ of exposure.
- (a) Frequency and intensity (b) Data collection
- (c) Genetics (d) Agents
- (2) Select the final stage of Risk assessment :
- (a) Hazard identification (b) Risk characterisation
- (c) Exposure assessment (d) Toxicity assessment
- (3) This is not an action under EMS
- (a) Paper-free communication (b) SOP for toner cartridge disposal
- (c) Save water (d) Monitor employee attendance
- (4) List two types of ISO 7000 Standards.
- (5) Factors that makes India vulnerable to climate change are
- (a) Poverty (b) Population
- (c) Reliance on natural resources (d) All of these
- (6) Write three benefits of implementing Environmental Management System.

- (7) What is the purpose of EA ?
- (a) Determine possible impacts (b) Determine possible benefits
(c) Analysis (d) Clean-up
- (8) What do Section 102 in Title I of the NEPA requires ?
- (a) Risk assessment
(b) Incorporate environmental considerations in their planning
(c) Risk analysis
(d) Site clean-up
- (9) Name two agent known to damage the Ozone-shield.
- (10) Environmental Impact Assessments are also conducted to compare impacts of various policy alternatives. (True / False)
- (11) This step in Environmental policy of organization do not contribute to conservation of fossil fuel
- (a) Promote public transit (b) Encourage biking and carpool
(c) Telecommuting options (d) Paper-less office
- (12) Which of the following is the oldest environmental law in India ?
- (a) Wildlife Protection Act (b) River Board Act
(c) Factories Act (d) Easement Act
- (13) Name two wastes constituents classified as hazardous.
- (14) Which of the following environmental laws empower the central and state pollution control boards to meet with grave emergencies on air pollution ?
- (a) Air (Prevention and Control of Pollution) Amendment Act.
(b) Environment (Protection) Act.
(c) Air (Prevention and Control of Pollution) Rules.
(d) Hazardous Waste (Management and Handling) Rules

- (15) The world as World Environmental Day is celebrated on _____.
- (a) December 1 (b) June 5
(c) November 7 (d) August 15
- (16) Which year provisions for environmental protection were made in the constitution ?
- (a) 1976 (b) 1950
(c) 1982 (d) 1960
- (17) The Forest (Conservation) Act was enacted in the year :
- (a) 1986 (b) 1974
(c) 1980 (d) 1972
- (18) The Forest (Conservation) Act, 1980 was formerly not extends to the state of
- (a) Uttar Pradesh (b) Karnataka
(c) UT of Jammu and Kashmir (d) Haryana
- (19) Number of chapters in the EPA is _____.
- (a) 2 (b) 4
(c) 8 (d) 7
- (20) Name the Act that lists chemicals in its Schedule-I capable to deplete ozone.
- (21) Which Act under its Section 6, restrict grant of IPR involving biological material ?
- (22) Give two needs for laws to regulate use of pesticides.
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