**University of Mumbai**

Program: **ALL\_Institute Level Optional Course 2**

**Question Bank**

Curriculum Scheme: Rev2016

Examination: BE Semester VIII

Course Code: ILO 8029 and Course Name: Environmental Management

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**Objective Questions**

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| **Q1.****(20 Marks)** | **Choose the correct option for following questions. All the Questions are compulsory and carry equal marks**  |
| 1. | The main contributors of acid rain are |
| Option A: | sulphur oxides and carbon oxides |
| Option B: | nitrogen oxides and sulphur oxides |
| Option C: | carbon dioxide and carbon monoxide |
| Option D: | nitrogen oxides and carbon oxides |
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| 2. | Which of the following explains transfer of energy in one line ? |
| Option A: | Food line |
| Option B: | Food Web |
| Option C: | Food court |
| Option D: | Food Chain |
|  |  |
| 3. | P-D-C-A stands for |
| Option A: | Plan-Do-check-Act |
| Option B: | Plan-Do-correct-Act |
| Option C: | Proceed-Do-check-Act |
| Option D: | Proceed-Do-correct-Act |
|  |  |
| 4. | Under which legislation , EIA is made mandatory |
| Option A: | Water Act (1974) |
| Option B: | Air Act (1981) |
| Option C: | Environment Protection Act (1986) |
| Option D: | Biodiversity Act (2002) |
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| 5. | Which of the Following Greenhouse Gases Is Present in Very High Quantities? |
| Option A: | Ethane |
| Option B: | Carbon dioxide |
| Option C: | Propane |
| Option D: | Methane |
|  |  |
| 6. | EEA stands for :  |
| Option A: | European Energy Association |
| Option B: | Environmental Efficiency Audit |
| Option C: | European Environment Agency |
| Option D: | Environmental Energy Act |
|  |  |
| 7. | Intangible benefit of ISO 14000 is for -------- |
| Option A: | Cost savings |
| Option B: | Reducing penalties |
| Option C: | Lowering insurance premiums |
| Option D: | Improving community goodwill |
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| 8. | The primary agenda of the Kyoto protocol is |
| Option A: | Regulation of hazardous wastes |
| Option B: | Regulate the production of nuclear energy |
| Option C: | Control anthropogenic sources of greenhouse gases |
| Option D: | Control of the worldwide Energy consumption |
|  |  |
| 9. | The most important reason for biodiversity loss in today’s age is |
| Option A: | over-exploitation |
| Option B: | co-extinctions |
| Option C: | alien species invasions |
| Option D: | fragmentation and habitat loss |
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| 10. | Opportunities for social innovation are greatest when: |
| Option A: | CSR is aligned with a firm's core skills and capabilities. |
| Option B: | CSR spending of a firm is larger than that of its competitors. |
| Option C: | CSR is pursued by a firm to improve its reputation. |
| Option D: | CSR is pursued by a firm to enhance human capital. |
| **Q1.** | **Choose the correct option for following questions. All the Questions are compulsory and carry equal marks**  |
| 1. | Environmental education is important at |
| Option A: | Primary school stage only |
| Option B: | Secondary school stage only |
| Option C: | College stage only  |
| Option D: | throughout life |
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| 2. | Which of the following is an example of impact of development activities on the Hydrosphere? |
| Option A: | Air pollution |
| Option B: | Soil pollution |
| Option C: | Soil erosion |
| Option D: | Water pollution |
|  |  |
| 3. | In a food chain animals constitute the: |
| Option A: | First trophic level |
| Option B: | Second trophic level |
| Option C: | Intermediate trophic level |
| Option D: | Ultimate trophic level |
|  |  |
| 4. | This process removes Carbon dioxide from the atmosphere |
| Option A: | Deforestation |
| Option B: | Burning of Fossil Fuel |
| Option C: | Respiration |
| Option D: | Photosynthesis |
|  |  |
| 5. | In acid rain PH of water is  |
| Option A: | Less than 5.6 |
| Option B: | Around 7 |
| Option C: | More than 7 |
| Option D: | around 14 |
|  |  |
| 6. | What is the first place energy starts in a food chain |
| Option A: | Sun |
| Option B: | Plants |
| Option C: | Animals |
| Option D: | Water |
|  |  |
| 7. | To which government the Ministry of Environment and Forests is the nodal agency? |
| Option A: | To the State Government |
| Option B: | To the Central Government |
| Option C: | To United Nations |
| Option D: | To Union Territories |
|  |  |
| 8. | What is called for the practice of regulating forest resources to meet the needs of society and industry while preserving the forest’s health? |
| Option A: | Environmental protection |
| Option B: | Sustainable Forest Management |
| Option C: | Forest policy framework |
| Option D: | Unsustainable Forest Management |
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| 9. | EEA means |
| Option A: | European Energy Association |
| Option B: | Environmental Efficiency Audit |
| Option C: | European Environmental Agency |
| Option D: | Environment Engineering Agency |
|  |  |
| 10. | Forest (Conservation) Act was enacted in the year  |
| Option A: | 1948 |
| Option B: | 1972 |
| Option C: | 1980 |
| Option D: | 1974 |

**Subjective Questions**

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| 1 | Describe the components of an ecosystem |
| 2 | What are the elements of ISO 14000 EMS ? |
| 3 | Give a brief account of Water (P & CP) Act |
| 4 |  |
| 5 | Why is Sustainable Development given so much importance? Explain it through the four pillars of Sustainable Development |
| 6 | Explain the Scope of Environment Management and what are the challenges faced in it? |
| 7 | Define sustainable development? Elaborate |
| 8 | State the present scenario in case of Global Environmental issues |
| 9 | What is Biomedical Hazard & waste? How is Biomedical waste treated |
| 10 |  |
| 11 | Explain knowledge of Environmental management at manager level? |
| 12 | Describe the energy scenario in India. |
| 13 | Describe the flow of Energy in an Ecosystem through an Energy Pyramid. |
| 14 | What are some of the potential benefits of an EMS based on ISO 14001 ? |
| 15 | Write a short note on Energy Scenario of India |
| 16 |  |
| 17 | Explain the Environmental Issues in India which require immediate attention. |
| 18 | What are the major pollutant that cause Acid Rain and why is Acid rain harmful? Explain with Example. |
| 19 | Define ecosystem. What are the biotic and abiotic components of an ecosystem? |
| 20 | What is a food chain? Distinguish between Grazing food chain and Detritus food chain |
| 21 | Explain briefly about the key elements of an EMS. |
| 22 | Discuss the role of Regulatory Agencies and Pollution Control Boards in obtaining Environmental Clearance for a Project |
| 23 | What is “hazardous waste‟? Explain briefly about the environmental problems and health risks caused by hazardous wastes. |
| 24 | Explain Food Web with neat sketch. Give Example |
| 25 | Write short note on Total Quality Environmental Management |
| 26 | Explain in detail what is Corporate Environmental Responsibility? |
| 27 | Discuss the loss of Biodiversity and also state the link between Biodiversity and Climate Change*..* |
| 28 | What is the role and functions of Government as a planning and regulating agency in Environment Management? |
| 29 | Explain briefly Global warming and Green house gases. |
| 30 | Give a brief account of Wildlife Protection Act. |
| 31 | Elaborate on ISO-14000 standard. |
| 32 | Explain endangered species. |
| 33 | What is meant by Ozone Depletion & Ozone Depletion layer? What is the mechanism of Ozone depletion? |