

University of Mumbai
Examinations Summer 2022
Program: IT01028
Curriculum Scheme: Rev2016
Examination: BE Semester VIII
Course Code: 52965 and Course Name: Environmental Management

Time: 2 hour 30 minutes

Max. Marks: 80

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| Q1. | Choose the correct option for following questions. All the Questions are compulsory and carry equal marks |
| 1. | The Bhopal gas Tragedy in 1984 is related to-- |
| Option A: | Nuclear disaster |
| Option B: | Earthquake disaster |
| Option C: | Man-made disaster |
| Option D: | Floods |
| 2. | The government of India enacted EPA of 1986 under article___ of the constitution |
| Option A: | 253 |
| Option B: | 251 |
| Option C: | 249 |
| Option D: | 51A |
| 3. | 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 |
| 4. | Which of the following is a prime health risks associated with greater UV radiation through the atmosphere due to depletion of ozone layer? |
| Option A: | Damage to digestive system |
| Option B: | increased liver cancer |
| Option C: | Increased skin cancer |

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| Option D: | Neurological disorder |
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| 5. | 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 |
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| 6. | The combination of all factors that act to limit the growth of a population is: |
| Option A: | Carrying capacity |
| Option B: | Environmental resistance |
| Option C: | Biotic potential |
| Option D: | Logistic growth |
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| 7. | 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 |
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| 8. | Environment Impact assessment (EIA) is done |
| Option A: | Before the project |
| Option B: | After the project |
| Option C: | During the project |
| Option D: | Any time in life cycle of project |
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| 9. | Energy conservation act was formed in year |
| Option A: | 1997 |
| Option B: | 2000 |

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| Option C: | 2001 |
| Option D: | 1999 |
| 10. | The Minamata Disease was caused due to: |
| Option A: | Methyl Isocyanate |
| Option B: | Mercury |
| Option C: | Benzene |
| Option D: | Lead |

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| Q.2 (A) | Solve any two of the following: (10M) |
| i) | <i>What are the aspects of Environment Management & challenges faced in it?</i> |
| ii) | <i>Write a note on loss of Bio-diversity.</i> |
| iii) | <i>Discuss the EMS certification.</i> |
| (B) | Solve any one of the following: (10M) |
| i) | <i>Discuss the Environmental issues relevant to India.</i> |
| ii) | <i>Write a note on the role of government as a planning & regulating agency.</i> |

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| Q3 (A) | Solve any two of the following: (10M) |
| i) | <i>Define: Limiting factors & Carrying capacity. Discuss their relation with the environment.</i> |
| ii) | <i>What are the features of Environment Protection Act, 1986.</i> |
| iii) | <i>Discuss the role of Central Pollution Control Board (CPCB) in pollution monitoring.</i> |
| (B) | Solve any one of the following: (10M) |
| i) | <i>What is ISO-14000? How does adoption of ISO-14000 practices benefit the Industries as well as the Environment?</i> |
| ii) | <i>What is Hazardous Waste? Note the different health risk caused by it. How does it affect the environment?</i> |

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| Q4. (A) | Solve any two of the following: (10M) |
| i. | <i>Write a note on the Water(Prevention& control of Pollution.) Act.</i> |
| ii. | <i>Define Ecosystem. What are the components of Ecosystem?</i> |
| iii. | <i>Differentiate between: Industrial Disasters & Man-made disasters</i> |
| B | Solve any One (10M) |
| i. | <i>What is sustainable development? Is sustainable development necessary? What are the parameters affecting it?</i> |
| ii. | <i>Write a note on; Total Quality Environmental Management & Corporate Environment Responsibility.</i> |