

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

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

Option D:	Neurological disorder
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
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
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
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
9.	Energy conservation act was formed in year
Option A:	1997
Option B:	2000

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

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>

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>

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>