4. Discuss the major u4 2 0 2 est resources. How

would you justify that the ecological uses of forest surpass the comm (QDUYT) I forest?

What are some of the factors that influence the

ENVIRONMENTAL SCIENCE

Paper Code: MD-1/EVS

Full Marks: 37½ Pass Marks: 40%

Time: 2 hours begansm ed nas

(PART : B—DESCRIPTIVE)

8. Write some development of International

(Marks: 25)

The questions are of equal value

Answer any five of the following questions:

- 1. Why is public awareness necessary for the protection of the environment?
- 2. What is the scope of environmental science?
- 3. What are renewable and non-renewable resources? Explain in detail with two examples each.

- avali-dm (2)
- 4. Discuss the major uses of forest resources. How would you justify that the ecological uses of forest surpass the commercial uses of forest?
- 5. What are some of the factors that influence the population size? ENVIRONMENTAL SCH

1st Semester

- 6. Explain the effects and preventive measures of noise pollution. I I - GM : about 1999
- 7. Write some of the ways in which the solid waste can be managed. amod C : amiT
- Write some development of International Environmental Laws and Treaties for the protection of environment.
- 9. What are the main strategies for environmental hazard mitigation?
- 10. Discuss the major issues that cause soil pollution and write its effects.

2. What is the scope of environmental science?

3. What are renewable and non-renewable resources? Explain in detail with two examples

protection of the environment?

each.

to the direct	iot refer	does n	of these	Which one	2.
	t Forest	202	4	and Parladit	

(FYUGP)
(1st Semester)

ENVIRONMENTAL SCIENCE

Paper Code: MD-1/EVS

neewed ency is noticenant entrol belies at tarlW . Entrol Part : A—objective) seed entrol belies at tarlW .

(Marks: 12½)

The figures in the margin indicate full marks for the questions

A. Put a Tick (✓) mark against the correct answer in the brackets provided: 25.15=7½×15=7½

1. An extensive number of chains interlinked in an ecosystem forms a second and a second a second and a second a second and a second a second and a second a second and a second a second and a second a second and a

(a)	food	chain	()
		nogranhy	1 7 1

7. The study of materzoon is delecter

- (b) food web ()
- (c) carbon cycle () noisgo ()
- (d) nitrogen cycle () Isoldie (b)

2. Which one of these does not refer to the direct use of forest products?	5. The Joint Forest Management was started in the
(a) Grass for grazing ()	year 1980 (a) solar
(b) Gums and resins ()	(a) 1972 ()
(c) Medicine 3 JA (W3) MORIVUA	(b) 1973 () Methane (d)
(d) Bamboo for baskets ()	(c) 1974 (()) 1974 (c)
3003 1343	(d) 1975 ()()() [BOO (b)
3. What is called for the transitional zone between	Which of the following technologies is used to
the desert and the denser forests of the Western Ghats?	6. Which gas is likely to be reduced in the atmosphere by deforestation?
(a) Deccan plateau ()	(a) Water vapour (g)) Tuoque vate (a)
(b) North-West desert region ()	(b) OFCs (a) (d)
(c) North-East India ()	(c) Carbon disvide
(d) Semi-arid areas () voto standard	(c) O ₂ surpa (on) spinote from (or
An extensive number of chains interlinked in an	(d) SO ₂ ((:)) enacted (b)
4. The willingness to pay' concept is based on	on long term measures to prevent of active tor
value of an ecosystem.	7. The study of population is called
(a) social ()	(a) demography () gnimud (a)
(b) aesthetic () dew boot (d)	(b) population explosion (d)
(c) option (()) arbon cycle (1)	(c) population dynamics (m)
(d) ethical () alore negotine (b)	(d) census () (noiserationi (b)

stions

MD-1/EVS

8. Which of the following is a non-renewable	11. The Forest Conservation Act was passed on
energy resource?	(a) 1980 (an) by the option value of
(a) Solar () () (a)	(a) Ignoring early w(rnir)g syste1891 (d)
(b) Methane () 8701 (d)	(b) Increasing vulnerability by removing
(c) Hydroelectric ()) ATPI (b)	(d) 1983 () 8891 (b)
(d) Coal ()() 3781 (b)	(c) Implementing hazard-resistant
3. What is called for the transitional some between	12. Which of the following technologies is used to
9. Which of the following greenhouse gases is	convert plastic waste to fuel?
entirely anthropogenic in origin?	(a) Pyrolysis (b)
(a) Water vapour	(b) Composting ()
(b) CFCs ()	15. Which of (the) followeration (3) for the same of the contraction
(c) North-East India ().	environmental management?
(c) Carbon dioxide ()	(d) Gasification ()
(d) Methane (()) ©OS (b)	(a) The control of pollution and waste
The willingness to pay concept is based on	13. Which phase of disaster management focuses on long-term measures to prevent or reduce the
10. The best way to dispose plant waste is	lain effects of disaster? Interpreted to prevent of reduce the
(a) burning ()) ydgargomab (a)	(a) Pospones
	(a) Response ()
(b) composting (in) holtelugod (d)	no to (b) in Recovery missing in a sesson and (b) of one the environment
(c) dumping in a hilly area ()	(c) Mitigation ()
(d) ethical ()	(d) Preparedness () monoger
(d) incineration (()) suggest (b)	(a) Freparedness (a) Imonose

14. Whic	h of the following is a method for reducing
risk?	y resource? (a) 1980 (a)
(a)	Ignoring early warning systems ()
(b) (b)	Increasing vulnerability by removing safeguards ()
of basic	Implementing hazard-resistant infrastructure (101) hazard-resistant
	Increasing exposure to hazards ()
(a)	Water vapour (d) (compositing (d)
15. Whi	ch of the following best defines ronmental management?
(a)	The control of pollution and waste ()
duce the (b)	The development of policies for industrial
(c)	the environment ()
(d)	The management of natural resources for economic gain

- **B.** Answer any *five* from the following questions: $1 \times 5 = 5$
 - 1. What do you mean by the option value of biodiversity?

2. Define ecosystem.

1. What do you mean by the option value of

- (a) Ignoring early warning systems
- (b) Increasing subserability by removing safeguards ()
- (c) Implementing hazard-resistant
- (d) Increasing exposure to hazards

15. Which of the following best defines environmental management?

- (a) The control of pollution and waste ()
- (b) The development of present for industrial growth ()
- (c) The process of managing human impact on the environment
- (d) The management of natural resources for economic gain

3. What are natural resources? Give example.

deforestation? Justify your answer.

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4. Is shifting cultivation one of the causes of deforestation? Justify your answer.

5. Write two impacts of population growth on environment.

7. What is forecasting?

)-1/EVS/285

6. What do you mean by the term 'incineration'?

8. What is the main objective of the Environmental Protection Act?

7. What is forecasting?

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