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Code No. : 13650 S

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS), HYDERABAD

Accredited by NAAC with A++ Grade

B.E. (I.T.) III-Semester Supplementary Examinations, August-2022**Environmental Science**

Time: 3 hours

Max. Marks: 60

Note: Answer all questions from Part-A and any FIVE from Part-B

Part-A (10 × 2 = 20 Marks)

Q. No.	Stem of the question	M	L	CO	PO
1.	State desertification.	2	2	1	6
2.	Importance of Environmental studies.	2	1	1	1
3.	What are decomposers?	2	1	2	6
4.	Define food chain?	2	1	2	7
5.	What are endemic species? Give one example.	2	1	3	7
6.	Ex-situ conservation means.	2	2	3	7
7.	State any two reasons for soil pollution	2	1	4	6
8.	Define thermal pollution?	2	1	4	6
9.	Effects of acid rain.	2	1	5	7
10.	List out Ozone depleting substances.	2	1	5	7
Part-B (5×8 = 40 Marks)					
11. a)	Discuss non-renewable resources.	4	2	1	7
b)	What is biomagnifications? explain	4	4	1	7
12. a)	Describe about grazing food chain with neat sketch.	4	2	2	7
b)	What are ecological pyramid? Explain pyramid of number.	4	2	2	7
13. a)	Define biodiversity? Write about species levels of biodiversity?	4	2	3	7
b)	Summarize the one Indian hotspots.	4	3	3	7
14. a)	Write about water pollution and control?	4	2	4	6
b)	List out different types of waste and suggest best MSW collection and disposal system of Hyderabad.	4	3	4	7
15. a)	Analyze the causes and effects of Global warming in case of India.	4	3	5	1,6
b)	Explain about population explosion.	4	2	5	1
16. a)	Discuss about causes of soil erosion.	4	2	1	7
b)	State the functions of ecosystem.	4	3	2	1
17.	Answer any <i>two</i> of the following:				
a)	Distinguish between productive values and conductive value of biodiversity	4	4	3	7
b)	Examine the cause and effects of noise pollution	4	3	4	6
c)	What is EIA? analyse which developmental activity required EIA	4	4	5	7

M : Marks; L: Bloom's Taxonomy Level; CO; Course Outcome; PO: Programme Outcome

i)	Blooms Taxonomy Level – 1	20%
ii)	Blooms Taxonomy Level – 2	40%
iii)	Blooms Taxonomy Level – 3 & 4	40%
