

U.S.N.

B.M.S. College of Engineering, Bengaluru-560019

Autonomous Institute Affiliated to VTU

August 2024 Supplementary Examinations

Programme: B.E.

Branch: Common to all Branches

Course Code: 22CV3HSEVS / 22CV4HSEVS

Course: Environmental Studies

Semester: III / IV

Duration: 1hr 30min.

Max Marks: 50

Instructions: 1. PART A is compulsory. Answer any **THREE** full questions from PART
2. Missing data, if any, may be suitably assumed.

Important Note: Completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. Revealing of identification, appeal to evaluator will be treated as malpractice.			PART A	CO	PO	Marks
	1		The world Environmental day is celebrated every year on a) 5 th June b) 22 nd April c) 5 th July d) 16 th September	CO1	PO1	01
	2		The study of interaction between living organisms and environment is called a) Environmental science b) Atmosphere c) Ecology d) Ecosystem.	CO1	PO1	01
	3		The first layer of Atmosphere is a) Mesosphere b) Ionosphere c) Stratosphere d) Troposphere	CO1	PO1	01
	4		The outer-most layer of the earth is known as a) Core b) Mantle c) Crust d) Disconformity	CO2	PO2	01
	5		What is EIA a) Environmental Impact Assessment b) Environmental Inspection Agency c) Environmental Impact Analysis d) Environmental Impact Appraisal	CO3	PO3	01
	6		The impact of construction of dams on environment is – a) Submerge forest b) Loss of wild life habitat c) Damages downstream ecosystem d) All of the above.	CO3	PO3	01
	7		16 th September is observed as _____ day a) Environmental b) Biodiversity c) Earth d) World Ozone.	CO3	PO3	01

	8	Demography is the study of a) Acid rain c) Corrosion b) Population d) Pollution	CO3	PO3	01
	9	Which of the following is an NGO a) Narmada Bachao Andolan c) CPCB b) Geological Society of India d) None.	CO3	PO3	01
	10	Acid rain can be controlled by a) Reducing oxygen Emissions c) Reducing SO ₂ and NO ₂ Emission b) Increasing Transportations d) Increasing Number of Lakes	CO3	PO3	01
	11	The environment which has been modified by human activities is called.... a) Natural environment c) Urban environment b) Anthropogenic environment d) Modern environment	CO3	PO3	01
	12	The objective of environmental education is to a) Raise consciousness about environmental conditions b) Teach environmentally appropriate behavior c) Create an environmental ethics. d) All of the above.	CO3	PO3	01
	13	Wild life Protection Act Implied on a) 1962 c) 1872 b) 1972 d) 1982	CO3	PO3	01
	14	Food chain always starts with a) Respiration c) Nitrogen fixation b) Transpiration d) Photosynthesis	CO3	PO3	01
	15	Extensive damage of Buildings and Monuments by Acid rain is a) Stone Leprosy c) Ozone Depletion b) Weathering d) Air pollution	CO3	PO3	01
	16	The largest reservoir of nitrogen is in which of the following our planet? a) Atmosphere c) Biosphere b) Hydrosphere d) Lithosphere.	CO3	PO3	01
	17	Excess of Nitrate in drinking water causes a) Minamata c) Blue Baby Syndrome b) Osteoporosis d) Gastroenteritis	CO3	PO3	01
	18	Which organization is responsible for implementing various educational programs and schemes for the empowerment of women in India? a) NITI Aayog b) Ministry of Women and Child Development c) Indian Council for Cultural Relations (ICCR) d) United Nations	CO3	PO3	01
	19	BOD means a) Biological Oxygen Demand	CO3	PO3	01

		b)Biochemical Oxygen Demand c)Biophysical Oxygen Demand d)Bacteriological Oxygen Demand			
	20	Green House effect causes a) Rise in temperature of earth b) Increase in Rainfall c)Lowering acid rain d) Gastroenteritis	CO3	PO3	01
		PART B (Answer any three full questions from the following)			
1	a	Define Atmosphere? Explain Troposphere	CO1	PO6, 7	05
	b	With neat diagram, explain the structure of Lithosphere	CO1	PO6, 7	05
2	a	Discuss the following with examples a) Water borne and water induced diseases Renewable & non-renewable energy resources.	CO2	PO6, 7	10
3	a	Why Solid waste management is essential?	CO4	PO6, 7	03
	b	Discuss different methods of Solid waste management	CO4	PO6, 7	03
	c	What is Blue Baby Syndrome (methemoglobinemia)?	CO4	PO6, 7	04
4	a	What is Demography?	CO5	PO6, 7	03
	b	Explain the characteristics of population growth	CO5	PO6, 7	03
	c	What is ozone, Explain causes of ozone depletion	CO5	PO6, 7	04
