

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

Autonomous Institute Affiliated to VTU

July 2022 Semester End Make-Up Examinations

Programme: B.E.

Branch: ALL

Course Code: 21HS3ICEVS

Course: Environmental Studies

Semester: III

Duration: 1 Hr. 30 Min.

Max Marks: 50

Date: 05.07.2022

Instructions:

1. Part- A is compulsory. Answer any THREE full questions from part-B.
2. Missing data may be assumed suitably.

PART - A

- 1 The study of interaction between living organisms and environment is called- 20x1=20
 - a) Environmental science
 - b) Atmosphere
 - c) Ecology
 - d) Ecosystem.
- 2 Which of the following is an example of impact of developmental activities on the hydrosphere?
 - a) Air pollution
 - b) Soil pollution
 - c) Soil erosion
 - d) Water pollution.
- 3 The leader of Chipko movement is -
 - a) Sunderlal Bahuguna
 - b) Medha Patkar
 - c) Vandana Shiva
 - d) Suresh Heblikar
- 4 April 22nd is observed as _____ day.
 - a) Environmental
 - b) Biodiversity
 - c) Earth
 - d) World Ozone.
- 5 Natural source of fluoride in drinking water is -
 - a) River water
 - b) Toothpaste
 - c) Ground water
 - d) Food products
- 6 Biomass energy in green plants produced-
 - a) Carbon dioxide
 - b) Water
 - c) Sunlight
 - d) All of the above
- 7 The most environmental friendly agriculture practice is _____
- 8 Global warming may bring about the following changes in the climate of the earth -
 - a) Increase in the rainfall
 - b) Desertification
 - c) Drought
 - d) All of the above
- 9 Nuclear wastes is active for ____ years
 - a) 5
 - b) 10
 - c) 50
 - d) Centuries
- 10 Demography is the study of _____

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.

- 11 Ozone layer depletion causes –
 - a) Acid rain
 - b) Snow blindness
 - c) Photochemical smog
 - d) Vomiting.
- 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.
- 13 Which of the below is most responsible for world water crisis?
 - a) Dams
 - b) Floods
 - c) Drought
 - d) Population growth
- 14 Food chain always starts with –
 - a) Respiration
 - b) Transpiration
 - c) Nitrogen fixation
 - d) Photosynthesis
- 15 The largest reservoir of nitrogen is in which of the following our planet?
 - a) Atmosphere
 - b) Hydrosphere
 - c) Biosphere
 - d) Lithosphere.
- 16 Environmental protection is the responsibility of -
 - a) Govt. of India
 - b) NGOs
 - c) Individual
 - d) All.
- 17 Chernobyl nuclear disaster occurred in the year?
 - a) 1984
 - b) 1952
 - c) 1986
 - d) 1987
- 18 World summit on sustainable development was held in –
 - a) Johannesburg in 2002
 - b) Rio de Janeiro 1992
 - c) Kyoto in 1904
 - d) Stockholm in 2000
- 19 What is the permissible range of pH for drinking water as per the Indian Standards?
 - a) 6 to 9
 - b) 6.5 to 7.5
 - c) 6 to 8.5
 - d) 6.5 to 8.5.
- 20 An important NGO involved in Global environmental protection is –
 - a) UNICEF
 - b) GREEN PEACE
 - c) WHO
 - d) CPCB

PART -B

- 1 What is an Environment? Explain briefly modern agriculture and its impact on environment. 10
- 2 Discuss the following –
 - a) Water borne and water induced diseases 05
 - b) Renewable & non-renewable energy resources. 05
- 3 What is Solid waste? Discuss the measures to prevent urban & industrial waste. 10
- 4
 - a) Explain acid rain and its impacts, how can we avoid ozone layer depletion. 05
 - b) What is Demography? Explain the characteristics of population growth 05
