

Internal Assessment 1

Sem/Sec:5A and B Date: 29/10/2024
 Subject:**Environmental Studies**
Subject Code: BESK508/ BCS508
 Max. Marks: 50 Duration: 60

ANSWER ALL QUESTIONS

1. The term 'Environment' has been derived from the French word which means to encircle or surround
 a) **Environ** b) Oikos c) geo d) Aqu
2. Atmosphere consists of 79 per cent Nitrogen and 21 per cent Oxygen by
 a) **volume** b) weight c) Density d) All the three
3. Which of the following is a biotic component of an ecosystem?
 a) **Fungi** b) solar light c) temperature d) humidity
4. In an ecosystem, the flow of energy is
 a) Bidirectional b) Cyclic c) **Unidirectional**
 d) Multidirectional
5. Which Pyramid is always upright
 a) **energy** b) biomass c) numbers d) food chain
6. The organisms who directly feed on producers are called
 a) **Herbivores** b) Carnivores c) Decomposers
 d) Saprophytes
7. The sequence of eating and being eaten in an ecosystem is called
 a) **Food Chain** b) carbon cycle c) hydrological cycle
 d) anthroposystem
8. Which of the following is a producer in an ecosystem
 a) **Plants and some bacteria capable of producing their own food** b) Animals c) Human beings d) Fish
9. The largest reservoir of nitrogen in our planet is
 a) Oceans b) **Atmosphere** c) biosphere d) Fossil fuels
10. The basic requirements of human beings are provided by
 a) Industrialization b) Agriculture c) **Nature**
 d) Urbanization

11. Environment is the life support system that includes
 a) Air b) Water c) Land d) **All of the above**
12. Organisms which feed directly or indirectly on producers are called
 a) Prey b) **Consumers** C) Decomposers d) Detritus
13. The primary producers in a forest ecosystem are
 a) **Chlorophyll containing trees and plants** b)
 Herbivores C) Carnivores d) Bacteria and other microorganisms
14. Abiotic component includes
 a) Soil b) Temperature c) Water d) **All of the above**
15. Which among the following is a climatic factor?
 a) pressure b) humidity c) temperature d) **all of the above**
16. Which atmospheric sphere is closest to the earth surface?
 a) **Troposphere** b) Stratosphere c) Mesosphere
 d) Exosphere
17. World Environment day is on
 a) 5th May b) **5th June** c) 18th July d) 16th August
18. Which of the following is not the environmental effect of industrialization, in general?.
 a) Solid waste b) Water Pollution c) Air pollution
 d) **Economic growth**
19. Earth Day' is held every year on
 a) June 5th b) November 23rd c) **April 22nd**
 d) January 26th
20. The adverse effect of modern agriculture is
 a) Water pollution b) Soil degradation c) Water logging d) **All of the above**
21. The impact of construction of dams
 a) Submerges forest b) Loss of wild life habitat c)
 Damages down stream ecosystem d) **All of the above**
22. Effect of modern agriculture on soil is due to
 a) Erosion b) Acidification c) Salinization
 d) **All the above**
23. Plants usegas for photosynthesis
 a) Oxygen b) methane c) Nitrogen d) **Carbon dioxide**
24. Deforestation means
 a) preservation of forests b) **destruction of forests**
 c) monocrop cultivation d) agriculture

25. About% of the earth's surface is covered by water a) 53% b) 19% c) **71%** d) 90%
26. During photosynthesis, trees produce a) **Oxygen** b) Carbon Dioxide c) Nitrogen d) Carbon Monoxide
27. Forests prevent soil erosion by binding soil particles in their a) stems b) **roots** c) leaves d)buds
28. 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**
29. _____ are referred to as Earth's lungs. a) **Forests** b) Carbon cycles c) Water sources d) Mines
30. Among the fresh water available in the Earth the percentage of surface water is about a) 50% b) 10% c) 5% d) **less than 1%**
31. Hepatitis is caused by a) Protozoa b) **Virus** c) Bacteria d) Fungus
32. Disfigurement in the teeth is caused by excessive amount of a) Mercury b) Nitrate c) **Fluoride** d) Lead
33. Mineral resources are a) Renewable b) Available in plenty c) **Non renewable** d) Equally distributed
34. Which of the following is not a natural mineral? a) Asbestos b) feldspar c) Phosphate d) **Nitrogen**
35. The oceans are the largest storage of water on earth containing: a) 95% of earths water b) 85% of earths water c) **97% of earths water** d) 75% of earths water
36. Which of the following is not a part of the hydrological cycle? a) precipitation b) infiltration c) transpiration d)**perspiration**
37. Which of the following is considered as an alternate fuel? a) **CNG** b) Kerosene c) Coal d) Petrol
38. Solar radiation consists of a) UV b) Visible light c) Infrared d) **All of these**
39. Chernobyl nuclear disaster occurred in the year a) 1984 b) 1952 c) **1986** d) 1987
40. Which of the following is not a renewable source of energy? a) **Fossil fuels** b) Solar energy c) Tidal wave energy d) Wind energy
41. Which of the following source of energy is less ecofriendly? a) Biogas b) Wind c) Solar d) **Nuclear**
42. Wind energy generation depends on a) direction of wind b) **velocity of wind** c) humidity d) precipitation
43. Direct conversion of solar energy is attained by a) **solar photo voltaic system** b) solar diesel hybrid system c) solar thermal system d) solar air heater
44. In Hydropower plants power is generated by a) hotsprings b) wind c) Sun d) **water**
45. Nuclear power is being produced from a) Carbon-14 b) **nuclear fission** c) petroleum combustion d) natural gas
46. Nuclear wastes is active for a) 5 years b) 10 years c) 50 years d) **centuries**
47. Nuclear power plant in Karnataka is located at a) Bhadravathi b) Sandur c) Raichur d) **Kaiga**
48. Cow Dung can be used a) as Manure b) for production of Bio gas c) as fuel d) **all of the above**
49. Mining practices lead to a) Population growth b) Rapid urbanization c) **Loss of grazing and fertile land** d) None of these
50. Which of the following is the source of fly ash a) Vehicular exhaust b) sewage c) **Thermal power plant** d) all