

[English Version]

The figure in the margin indicates full mark.

All questions to be answered. Fill the appropriate circle in the OMR sheet.

2×25

1. Which of the following is a secondary air pollutant?
(A) CO (B) PAN
(C) NO₂ (D) SO₂.
2. Which of the following is also known as 'Umbrella Act'?
(A) The Air (Prevention and Control of Pollution) Act, 1981
(B) The Water (Prevention and Control of Pollution) Act, 1974
(C) The Environmental (Protection) Act, 1986
(D) The Bio-diversity Act, 2002.
3. The Process of generating electricity by using Colder Deep and Warmer Shallow Surface Sea water is known as –
(A) OTEC (B) Tidal energy
(C) Geothermal energy (D) Hydel energy.
4. The maximum Permissible limit of Arsenic in drinking water according to WHO is
(A) 0.01 mg/L (B) 0.07 mg/L
(C) 0.1 mg/L (D) 0.05 mg/L.
5. The transitional zone between two ecosystem is known as–
(A) Ecotone (B) Ecocline
(C) Eco-region (D) Eco-type.
6. Black soil is found in–
(A) Thar desert (B) Sundarbans
(C) Deccan Plateau (D) Eastern Himalayas.
7. Disposal of Municipal Solid Waste in the neighbourhood of a city requires–
(A) low land suitable for land filling (B) wetland
(C) fertile land (D) agricultural land.
8. What is the maximum permissible limit of noise at daytime in a silent zone?
(A) 75 decibel (B) 65 decibel
(C) 50 decibel (D) 45 decibel.

(B-7)

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9. The three major components of soil are—
(A) clay, sand and silt (B) clay, bauxite and silt
(C) clay, sand and mica (D) None of these.
10. Which harmful gas is emitted from rice fields?
(A) Sulphur dioxide (B) Chlorine
(C) Methane (D) None of these.
11. Wildlife (Protection) Act, 1972 is not applicable to which State of India?
(A) Jammu and Kashmir (B) West Bengal
(C) Sikkim (D) Nagaland.
12. The instrument used to measure Suspended Particulate Matter (SPM) in air is—
(A) Barometer (B) Hygrometer
(C) High Volume Sampler (D) Spectrophotometer.
13. TSS and TDS are related to—
(A) Air quality (B) Water quality
(C) Soil quality (D) All of these.
14. Which of the following is not an example of *in-situ* conservation?
(A) National Park (B) Zoo
(C) Sanctuary (D) Biosphere reserve.
15. The first biotic community that invades a bare area is called—
(A) Pioneer community (B) Seral community
(C) Climax community (D) All of these.
16. 'Blue Baby Syndrome' is caused by drinking water with excessive concentration of—
(A) Nitrate (B) Phosphate
(C) Potassium (D) Arsenic.
17. Acid Rain is any rain with pH value—
(A) Below 5.6 (B) Above 5.6
(C) Equal to 5.6 (D) Above 7.
18. Atmospheric pollutants are mainly present in—
(A) Ionosphere (B) Stratosphere
(C) Mesosphere and Ionosphere (D) Troposphere and Lower Stratosphere.

Please Turn Over

19. Forest and wildlife are—
(A) Non-renewable Resources (B) Renewable Natural Resources
(C) Inexhaustible Resources (D) None of these.
20. Population growth curve is—
(A) Hyperbolic (B) Parabolic
(C) Linear (D) Logistic.
21. 'Kerala Sastra Sahitya Parishad' is related to which of the following environmental movement in India?
(A) Silent Valley Movement (B) Appiko Movement
(C) Tehri Dam Movement (D) Chipko Movement.
22. Which of the following Ecological Pyramid is not inverted?
(A) Pyramid of numbers (B) Pyramid of biomass
(C) Pyramid of energy (D) None of these.
23. The name of a major gas that destroys Ozone Layer is—
(A) Nitrous oxide (B) Hydrogen
(C) Sulphur dioxide (D) None of these.
24. The major cause of soil erosion is—
(A) excessive rain (B) excessive wind flow
(C) excessive ground slope (D) All of these.
25. Sustainable development signifies—
(A) Continuous development of industries
(B) Development of industries and agriculture maintaining environmental balance
(C) Continuous expansion of agriculture
(D) All are correct.
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