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ENVIRONMENTAL STUDIES (ENVS)
2014 (May)
(MEMORY BASED QUESTION PAPER)

Note: There are fifty multiple choice questions and each question carries 2 (two) marks

1. Pitcher plant is the endemic plant of

- Arunachal Pradesh
- Assam
- Meghalaya
- Manipur

2. A negative growth rate indicates that the population is

- Stable
- Increasing
- Decreasing
- Overcrowding

3. Which of the following is not a conventional resource of energy?

- Firewood
- Atomic energy
- Biogas
- Coal

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4. Tehri Dam is on the river

- Yamuna
- Ganga
- Kaveri
- Bhagirathi

5. Burning of coal evolves

- Carbon dioxide
- Sulphur dioxide
- Methane
- Carbon monoxide

6. Pyramid of aquatic ecosystem is

- Always straight
- Bell-shaped
- Always inverted
- None of the above

7. The major source of methane in India is

- Rice field
- Wheat field
- Sugarcane field
- Fruit orchard

8. 'Red Data Book' is related to

- Extinct plants
- Endemic plants
- Plants showing photoperiodism
- Plants on the verge of extinction

9. Which of the following pairs of geographical areas shows maximum biodiversity in our country?

- Sunderbans and Rann of Kachchh
- Eastern Himalayas and Western Ghats
- Eastern Ghats and West Bengal
- Kerala and Punjab

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- 10.** Which of the following is a part of biological environment?
- Atmosphere
 - Hydrosphere
 - Biosphere
 - Lithosphere
- 11.** Animals live on consuming herbs are called
- Omnivores
 - Carnivores
 - Detritivores
 - Herbivores
- 12.** Jhum cultivation leads to
- Soil conservation
 - Soil reclamation
 - Rock formation
 - Soil erosion
- 13.** In which district, Holongpar Gibon Wildlife Sanctuary is situated?
- Jorhat
 - Sonitpur
 - Kokrajhar
 - Tinsukia
- 14.** Smog contains
- Smoke and fog
 - Smoke and snow
 - Snow and fog
 - All of the above
- 15.** Globally the most important disasters are
- Volcanoes
 - Earthquakes
 - Floods
 - Landslides

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16. Quinine is produced from which of the following plants?

- Neem
- Tulsi
- Mint
- Cinchona

17. For conservation of what, Chipko Movement was started?

- Forest
- Soil
- Wildlife
- Water

18. In which of the following, arsenic pollution in groundwater is severe?

- Gujarat and Pakistan
- Assam and Bangladesh
- Maharashtra and Pakistan
- West Bengal and Bangladesh

19. Which of the following is not a natural disaster?

- Fire
- Tsunami
- Storm
- Flood

20. Vaccines cannot protect us from which of the following?

- Polio
- Smallpox
- Malaria
- Tuberculosis

21. In which of the following, ozone occurs more?

- Ionosphere
- Stratosphere
- Troposphere
- None of the above

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22. Which of the following is a manmade ecosystem?

- Grassland
- Forest
- Agroecosystem
- Desert

23. Mercury pollution causes the disease

- Hepatitis
- Beriberi
- Fluorosis
- Minamata

24. In which of the following states, birth rate is the lowest?

- Bihar
- Kerala
- Mizoram
- Uttar Pradesh

25. When one type of community replaces other type of community, this is called

- Trophic level
- Population
- Transplantation
- Succession

26. Which of the following is the most stable ecosystem?

- Ocean
- Forest
- Desert
- Mountain

27. Due to deforestation, which of the following generally decreases?

- Drought
- Soil erosion
- Rainfall
- Global warming

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28. In which of the following years, the honourable Supreme Court issued directive to make all curricula environment-oriented?

- 1988
- 1989
- 1990
- 1991

29. Namdapha is a

- Ramsar Site
- Biosphere Reserve
- National Park
- Reserve Forest

30. Epiphytes have

- Haustoria
- Velamen
- Tendril
- Glands

31. Any species living only in a particular area is known as

- Exotic
- Endemic
- Local
- Native/ indigenous

32. PAN stands for

- Peroxy acetic nitrate
- Peroxyl acetyl nitrate
- Peroxy acetyl nitrate
- Peroxy acetyl nitrite

33. Which of the following is not a type of coal?

- Anthracite
- Lignite
- Granite
- Bituminous

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34. In which year, the Wildlife Protection Act was implemented in India?

- 1972
- 1980
- 1986
- 1994

35. Which of the following is the example of **in situ** conservation?

- Botanical garden
- Zoo
- Orchidarium
- Biosphere reserve

36. The word 'environment' is derived from the French word

- Environmen
- Environner
- Envor
- Envis

37. Liquid state of environment is

- Hydrosphere
- Thermosphere
- Lithosphere
- Mantle

38. Each step of food chain, is termed as

- Productivity
- Biomass
- Trophic structure
- Trophic level

39. Within an ecosystem, species are connected by

- Ecological efficiency
- Ecological pyramid
- Succession
- Food chain and food web

40. Ecological successes on sandy soil is known as

- Halosere
- Hydrosere
- Psammosere
- Xerosere

41. Petroleum is a

- Synthetic (artificial) product
- Liquid resource
- Renewable resource
- Non-renewable resource

42. An example of a renewable natural resource is

- Clay
- Sand
- Water
- Fuel

43. Which of the following is related with ozone depletion?

- Temperature of the earth
- Increased amount of UV ray
- O₂ of the earth
- Flood

44. Which of the following gases are responsible for acid rain?

- Methane and ozone
- Oxygen and nitrous oxide
- Methane and sulphur dioxide
- Carbon dioxide and sulphur dioxide

45. HIV is related to

- Dysentery
- Malaria
- AIDS
- Cancer

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46. Which one of the following is an index of water pollution?

- COD
- BOD
- Nitrate
- Turbidity

47. Which one of the following is an index of air pollution?

- Alga
- Fungus
- Lichen
- Virus

48. 'World Environment Day' is celebrated on

- 5th June
- 8th June
- 12th June
- 20th June

49. Which greenhouse gas is known as colourless and non-flammable?

- Ethane
- Methane
- Nitrous oxide
- Sulphur hexabenzene

50. Which of the following is the main factor of desertification?

- Overgrazing
- Irrigated agriculture
- Tourism
- All of the above