

Environmental Studies – 1mid 2-2 2011 by DevilsDuke.com

1. Which of the following statements is true?

- a) Eliminating poverty and protecting our environment are not linked.
- b) Money should be spent heavily to save our environment.
- c) Eliminating poverty and protecting our environment are interlinked**
- d) Protecting environment and closing industries are interlinked.

2. In poor countries which of the following source of energy is used for heating and cooking

- a) Coal
- b) Fossil Fuel
- c) Renewable Energy
- d) Biomass**

3. Anemia, the most common nutritional problem in the world is caused by _____ deficiency

- a) Iron**
- b) Iodine
- c) Potassium
- d) Calcium

4. Spread of high yielding agriculture varieties around the world is called

- a) Revolution
- b) Plan
- c) Green Revolution**
- d) Vegetation Revolution

5. Which of the following is a better way to save energy by an individual?

- a) Use of public transportation
- b) Use of personal vehicle
- c) Telecommunication
- d) Use of more efficient vehicle

6. One third of the forest biomass in the world exists in

- a) South America**
- b) North America
- c) Canada
- d) Africa

7. Grazing lands are abused by overgrazing. The process of conversion of once fertile land into

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infertile land is called

- a) Ranching **b) Desertification** c) Degradation d) Holdings

8. Which of the following will exert a major influence on biological communities?

Ans: Mountains

9. About 75% of the salt water tropical aquarium fish sold comes from

- a) India and Sri Lanka
b) Mauritius and Philippines
c) Indonesia and Philippines
d) Thailand

10. Between 1600 AD and 1850 AD human activities appear to have eliminated 2 to 3 species per decade.

11. Environmental scientists built the environment using

- a) Technology, research and industries
b) Industries, organization and science
c) Science, technology and political organization
d) Science, technology and industries

12. Which of the following countries has the highest biological diversity?

- a) Australia and New Zealand**
b) Russia and Canada
c) Uganda and Nigeria
d) Iran and New Guinea

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13. Fuel cells are devices that use ongoing ____ reactions to produce an electrical current

- a) Photochemical b) Catalytic c) Chemical **d) Electrochemical**

14. Deep gullies, severe nutrient depletion in the soil is attributed to

- a) Soil Depletion b) Soil Restoration
c) Soil Degradation d) Soil Erosion

15. Ground water provides nearly ____ of the fresh water for agricultural and domestic use

- a) 40%** b) 25% c) 50% d) 30%

16. System which exchanges energy or matter with its surroundings are called

- a) Biological ecosystem
b) Energized ecosystem
c) Closed ecosystem
d) Open ecosystem

17. IUCN stands for International Union for Nature and Conservation of Natural resources.

18. In estuaries, the aquatic life growth will be

- a) Drastically affected b) non favorable c) very less **d) favorable**

19. What are the barriers by which areas are isolated to prevent mixing with biological communities?

- a) Water, food and mountains
b) Water, deserts and mountains
c) Water, food and land
d) Desert, food and mountains

20. Many useful drugs and medicines are derived from

- a) Natural resources
- b) living organisms**
- c) from earth's crust
- d) Synthetic products

21. What is the effect of using fossil fuels excessively to produce energy

- a) increase in particulate concentration
- b) health effects
- c) deforestation
- d) Global warming**

22. World's richest countries consume how much % of coal produced each year

- a) 65%
- b) 90%
- c) 50%**
- d) 80%

23. Which of the following countries have chronically under nourished population

- a) Latin America
- b) Africa
- c) Caribbean
- d) Asia and Pacific**

24. Other than water and nutrients, agriculture also depends on

- a) Mechanical energy**
- b) location
- c) type of cultivation
- d) land erosion

25. Cropping intensification leads to permanent

- a) long rotation cycles
- b) deforestation**
- c) forest protection
- d) short rotation cycles

26. Geological layers that contain water are known as

- a) **Aquifer**
- b) Rivers
- c) Ponds
- d) lakes

27. Diversity which describes the no of different kinds of organisms with in individual communities or ecosystems is called

- a) **Species diversity**
- b) Biodiversity
- c) Genetic diversity
- d) Ecological diversity

28. The major concern that is responsible for the depletion of many species is

- a) fragmentation
- b) poaching
- c) **over harvesting**
- d) hunting

29. _____ of invasion requires information on the rate and mechanism of transport and movement of organism on characteristics allowing a species to become successful invaders

- a) Zoology
- b) Biology
- c) **Ecology**
- d) Geography

30. According to World Bank

- a) 50%
- b) 10%
- c) **20%**
- d) 25%

31. Most of the carcinogenic agents will be produced from

- a) **Toxic substances**
- b) Particulate matter
- c) Organic matter
- d) Fuel exhaust gases

32. Highly corrosive nature of coal and petroleum is attributed to

a) high organic matter

b) high sulphur levels

c) high carbon content

d) high nitrogen levels

33. Growing fish or shell fish in artificial ponds was promoted as

a) Green revolution

b) Blue revolution

c) White revolution

d) Aqua revolution

34. Crops grown specially to add nutrients to soils are called as

a) Natural nutrients

b) Organic fertilizers

c) Green manure

d) manure

35. Earthquakes frequently occur along the edges of

a) Flood plains

b) Tectonic plates

c) Plain lands

d) Mountains

36. Forests that cover a large enough area and have been undisturbed by human activities are called

a) Old-growth forests

b) Open canopy forests

c) Canopy-growth forests

b) Closed canopy forests

37. Deserts with less than ____ of measurable precipitation support almost no vegetation

1

1

1

a) 1 / inch

b) 4 / inch

c) 1 inch

d) 2 / inch

2

2

2

38. In Bombay, the wells and ground water recharging will be high in summer because

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- a) high temperature
- b) moisture deficit
- c) surplus of moisture**
- d) rainfall

39. Which are the following ecosystems are majorly distributed by human beings

- a) Thorn scrubs
- b) Temperate rain forests
- c) Tropical dry forests
- d) Temperate broad leaved forests**

40. Studies of fossil records suggests that _% of all species that ever existed are now extinct

- a) 69
- b) 59
- c) 79
- d) 99

Ans: (d)

41. The entire ecosystem and associated land, water ,air and wildlife resources is called natural

- a) Watersheds
- b) Geographical area
- c) Biogeographical area**
- d) Biological area

42. Environment is derived from the French word **Environnes**

43. An example for non-metallic geological resources is

- a) Feldspar**
- b) Bronze
- c) Copper
- d) Galena

44. In India which is the largest lake **kolleru**.

45. The process of redistribution of products geological weathering is called

- a) Soil degradation
- b) Soil restoration
- c) Soil depletion
- d) soil erosion**

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46. **Photosynthesis** provides all energies for the needs of all ecosystems.

47. The movement where village women of Rajasthan wrapped their arms around the trees to protect them which is a renewable display of courage and determination is **Chipko and andolan**.

48. Which of the following is a green land **Prairies**.

49. Semi enclosed bodies of brackish water from where rivers, enter the ocean are called **Estuaries**.

50. What is the effect of using fossil fuels excessively to produce energy **Global warming**.

51. Worlds richest countries consume **80%** of the natural gas produced each year.

52. Famines are characterized by **massive starvation and economic chaos**.

53. In South Africa most of the deforestation is caused from **conversion of forest into agricultural land**.

54. Forests that cover a large enough cover and been distributed by human activities are called **old growth forests**.

55. Ecosystem is which the land surface is saturated with standard water for at least part of the year are called **wet land ecosystem**.

56. The major concern that is responsible for depletion of many species over **harvesting**.

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57. In which country more number of botanists are available greater than the number of plant species **Britain**.

58. Penicillin which is derived from a living organism is used as **antibiotic**.

59. Wealthy nations in the world are the principle **importers** of wild animals and their products.

60. Developing countries in Asian and African with the richest biodiversity in the world are the principle **exporters** of wild animals and their products.

61. What should be the step to conserve natural resources **population control**.

62. Reforestation in large plantations of single species, single use intensive cropping is called **monoculture forestry**.

63. The 16 largest rivers in the world carry nearly $\frac{1}{2}$ of all surface runoff on the earth.

64. Highest culture diversity countries are **Russia and Canada**.

65. Solar energy can be captured by **passive heat absorption**.

66. Lakes contain **100** times as much water as much water as all rivers and streams combined.

67. In which peninsula, highest number of flowering species occur in **Malaysia**.

68. According to ecologists how many edible wild plant species could be utilized by humans **80,000**.

69. About **70%** of all known species are animals without backbones.

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70. Nature deserves to exist for its own sake regard less of its usefulness to US the statement is called **biocentric preservation**.

71. The process of bombarding uranium with a subatomic particle is called **nuclear fission**.

72. Young soils are **rich** in soluble nutrients.

73. In India which dam across the river Narmada has seen one million villagers **Sardar Sarovar dam**.

74. Which of the following is not a principle of ecosystem management **conversion of grass lands open woodlands to human dominated landscape**.

75. In which city the first public park was opened to ordinary citizen **Greece**.

76. Eutrophication is caused because of **increased nutrients**.

77. Many ecologists worry that the global climate change caused by our release of **Greenhouse gases** in the atmosphere could produce catastrophic effect.

78. Most amazing feature of our planet is its rich

- a) Inhabitable environment b) Biodiversity environment
- c) **Diversity of life** d) Hostile environment

79. The movement of awakening the public to the threats of pollution and toxic chemicals to humans as well as other species is called as _____

- a) Pragmatic environment b) Global environment

c) **Modern environment**

d) Biocentric environment

80. To reduce global warming which of the following type should be taken up

a) Deforestation

b) Increase in the number of industries

c) Use of fossil fuels

d) **Use of alternate fuels**

81. Worlds richest countries consume how much oil produced each year

a) **69%**

b) 30% c) 90%

d) 80%

82. According to FAO, 39% of the 12 million child deaths each year are related to

a) Diarrhea

b) Lack of immunization

c) Chronic disorders

d) **Malnutrition**

83. The top zone of zone of saturation source of water in most wells is called

a) Recharge zone

b) **Aquifer**

c) Water table

d) Ground water

84. In India which metropolitan city has highest air pollution?

a) **Kolkutta**

b) Delhi

c) Mumbai

d) Chennai

85. Most of the biodiversity concentrations are near _____

a) North pole

b) **Equator**

c) 600 latitude

d) south pole

86. Nearly how much of world wetlands were lost in last 100 years ?

a) 1/3

b) 1/4

c) 1/5

d) **1/2**

87. What is the reason for water scarcity ?

a) Rapid industrialization, deforestation

b) deforestation ,Population growth

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c) deforestation, effluent disposal

d) **Population growth, rapid industrialization**

88. Which of the following is a biomass fuel ?

a) **Charcoal**

b) Coal

c) Petroleum

d) Natural gas

89. A highly interdisciplinary Environmental Studies integrates

a) Physics, History, Biology

b) Physics, Geography, Chemistry

c) History, Geography, Chemistry

d) **Biology, Geography, Chemistry**