

B A DEGREE END SEMESTER EXAMINATION – OCTOBER 2022**SEMESTER 5 : ANIMATION AND GRAPHIC DESIGN****COURSE: 19U5ARAGD1 - ENVIRONMENT STUDIES AND COMMUNICATION***(For Regular - 2020 Admission and Supplementary - 2019 Admission)*

Time : Two Hours

Max. Marks: 50

PART A**Answer all (1 mark each)**

1. What is meant by root zone process?

- a) A control measure to prevent water pollution b) A process by which roots of plants are spread on the ground c) A control measure to prevent soil pollution d) None of these.

2. The term 'Ecology' was coined by

- a) A.G.Tansley b) Earnst Haeckel c) Aristotle d) Linnaeus

3. Green revolution is associated with

- a) sericulture b) agriculture c) fish culture d) silviculture

4. Indian Prime minister who played significant role in conservation of wild life.

- a) Rajiv Gandhi b) Indira Gandhi c) Manmohan Singh d) Vajpayee

5. Earth summit of Rio de Janeiro (1992) resulted in

- a) Compilation of Red list b) Establishment of biosphere reserves, c) Conservation of biodiversity d) IUCN

6. The cause of Bhopal disaster is

- a) Methyl Alcohol b) Methyl Carbonate c) Methyl Iso Cyanate d) Methyl Sulphate.

7. The conversion of ammonia to nitrate is known as

- a) ammonification b) nitrification c) denitrification d) all of these.

8. The major reason for floods in the rivers Ganges and Brahmaputra is _____

- a) Dams in Himalayas b) Deforestation in Himalayas c) Heavy rains d) Melting of ice.

9. A Hawk that eats a frog is a
- a) Producer b) Primary Consumer c) Secondary Consumer d) Tertiary Consumer
10. Which of below items is the major sector which extracts most of fresh water available for utilization?
- a) domestic use b) drinking water c) beverage industry d) agriculture
11. The Primary Consumers are also called as
- a) Herbivores b) Carnivores c) Enzymes d) None of these
12. Euro II standard refers to
- a) Lowering sulfur content in fuel b) Increasing sulfur content in fuel c) Lowering carbon content in fuel d) increasing carbon content in fuel.
13. Magazine of Bombay Natural History Society is named as
- a)Panda b) Peacock c) Tiger d) Hornbill
14. The only known breeding colony of the Greater and Lesser Flamingos in our country
- a) The Great Rann b) Bandipur National Park c) Vedanthangal Bird Sanctuary
d) TheEastern Ghats.
15. 'Narmada Bachao Andholan' is an initiative by :
- a) Medha Patkar b) Sunderlal Bahguna c) Indira Gandhi d) Gadgil.
16. A Green Land biome
- a) Tundra b) Pampas c) Taiga d) Thaar.
17. The place where the worst nuclear disaster took place?
- a) Washington b) Chernobyl c) Bhopal d) Japan
18. Wetlands in the flood plains of rivers are also considered as nature's_____.
- a) Heat sink b) carbon sink c) flood control systems d) swimming pool

19. The amount of solar radiation reaching the surface of the earth is called
- a) Solar flux b) reflected light c) minerals d) solvents
20. What is edge species?
- a) The species which occur abundantly in the ecotone b) Species on the verge of extinction c) Rare species d) Endemic species
21. Zoos are examples for
- a) In-situ conservation b) in-vivo conservation c) ex-situ conservation d) ex-vivoconservation
22. Expand GIS.
- a) Geographical Information System b) Geographical Information Source, c) Geological Information System, d) Geological Index System
23. Soil pollution is caused by
- a) Aerosols b) Acid Rains c) Ozone d) PAN
24. Acid is an example of
- a) Corrosive waste b) Infectious waste c) Radioactive waste d) Ignitable waste
25. Wild Life Institute of India is located in
- a) Andaman b) Hyderabad c) Dehradun d) Bangalore
26. Which one is an example for sedimentary biogeochemical cycle?
- a) Oxygen cycle b) Nitrogen cycle c) Water cycle d) Phosphorus cycle
27. India is primary centre of domestication of
- a) Sheep b) Goat c) Water Buffalo d) Elephants
28. Ozone Umbrella is located in which layer of atmosphere
- a) Troposphere b) Stratosphere c) Mesosphere d) Ionosphere

29. Phytoplankton are
a) Producers of forest b) Producers of lakes c) Consumers of Ocean
d) Omnivores
30. Flag ship species of Choolannur sanctuary
a) Tiger b) Peacock c) Elephant d) Rhino
31. The main energy source for the environment is
a) Solar energy b) Chemical energy c) Bioelectric energy d) Electrical energy
32. The worst nuclear accident happened to date is occurred at
a) Chernobyl in 1986 b) Three Mile Power Plant in 1979 c) Sellafield in 1957
d) Fukushima in 2011
33. The capacity to do work is termed as
a) Power b) Force c) Strength d) Energy
34. The unit of total water content of the soil is known as
a) Holard b) Chraserd c) Echard d) All of the above
35. What is deforestation?
a) Product of forest b) destruction of forest c) Forest Protection
d) None
36. An example of natural pollutant is
a) Forest fire b) Natural Organic Decay c) Volcanic eruptions
d) All of the above
37. Any unfavorable alteration of the environment may be called as
a) eutrophication b) environmental pollution c) bio magnification
d) bioaccumulation

38. Photochemical smog is called

- a) Tokyo smog b) London smog c) Los Angeles smog d) None

39. Many wild plant and animals are on the verge of extinction due to

- a) Habitat destruction b) Climatic changes c) Non availability of food
d) None of the above

40. A set of organisms that resemble one another in appearance and behaviour is called a

- a) Exons b) Prions c) Species d) guilds

(1 x 40 = 40)

PART B

Answer any 2 (5 marks each)

41. What would be your suggestion towards 21st century energy resources?

42. What is the difference between endemic and exotic species?

43. What do you understand by air pollution? Describe various causes.

44. Briefly describe the energy flow in the ecosystem.

(5 x 2 = 10)