



SARASWATHI NARAYANAN COLLEGE
(Autonomous Institution Affiliated to Madurai Kamaraj University)
(Reaccredited with Grade 'B' by NAAC)
Madurai – 625 022.

B.A/B.Com/B.Sc./B.B.A /B.Com (CA)/ B.C.A–Summative Examinations

Code: LUP4ES11

Semester: I

ENVIRONMENTAL STUDIES

Duration: 3 Hrs.

Max. Marks: 75

SECTION – A

75 × 1 = 75

Answer ALL questions. Choose the correct answer.

1. The water of soil which is easily available to the plants is known as
a) Chresard b) Holard c) Echard d) Orchard
2. Plants which prefer light are known as
a) Photophilous b) Heliophilous
c) Both a & b d) Amphibious
3. Plants of warm habitat are
a) Microtherms b) Megatherms
c) Mesotherms d) Nanotherms
4. A black or brown material formed by the partial decomposition of vegetable or animal matter is
a) Humus b) Compost c) Manure d) Husk
5. Green plants are
a) Primary producers b) Secondary producers
c) Herbivores d) Carnivores
6. The flow of energy in an ecosystem is
a) Unidirectional b) Bidirectional
c) Multi directional d) Universal
7. Which of the following pattern of evolution accounts for all the diversity present on earth today?
a) Micro evolution b) Mega evolution
c) Biodiversity d) Speciation
8. Organisms that generate energy using light are:
a) oligotrophs b) chaemorganotrophs
c) chaemolithotrophs d) photoautotrophs
9. Vermicomposting is done by
a) fungus b) bacteria c) worms d) animals
10. Air is composed of gases, water vapours and
a) dust particles b) rainfall

- c) snowfall d) light
11. Each organism in an ecosystem is at a specific feeding stage called as the _____.
 a) Climax level b) Producer level
 c) Trophic level d) All the above
12. The important component of environment is
 a) Biosphere b) Atmosphere
 c) Lithosphere d) All of these
13. The area to which an organism is biologically adopted to live is known
 a) Succession b) Population
 c) Habitat d) Community
14. Which ecological pyramid is always straight?
 a) Pyramid of energy b) Pyramid of numbers
 c) Pyramid of biomass
 d) Pyramid of numbers and biomass
15. The largest reservoir of nitrogen in our planet is
 a) Ocean b) Atmosphere
 c) Biosphere d) Fossil fuel
16. The first Environmental Law in India was enacted in:
 a) 1947 b) 1950 c) 1972 d) 1982
17. World Water Day is celebrated on _____.
 a) May 22 b) June 05 c) March 22 d) April 22
18. Carcinogens are chemicals which cause
 a) Fever b) Cold c) Cough d) Cancer
19. Greenhouse gases primarily are
 a) Carbon dioxide and Methane
 b) Methane and Sulphur dioxide
 c) Nitrogen dioxide and Methane
 d) Carbon monoxide and Methane
20. The main source of CFC (Chlorofluorocarbon) is
 a) Refrigerators & Air conditioners
 b) Railways
 c) Submarines d) Automobiles
21. The largest producer of the green house gas is _____.
 a) India b) China c) USA d) Japan
22. Ozone layer is present in the _____.
 a) Etonphere b) Thermosphere
 c) Mesosphere d) Stratosphere
67. The Unit of measurement of intensity of sound is in _____.
 a) decibels b) lux c) per second d) hertz
68. Noise is _____.
 a) Huge sound
 b) Sound of vehicles
 c) Undesirable and unwanted sound
 d) Sound of musical instrument
69. A river with high BOD value means
 a) Highly polluted b) Highly clean
 c) Highly productive d) Both a & b
70. In India, what is the major cause of water-borne diseases?
 a) Pollution of water b) the hardness of water
 c) scarcity of water d) saline water
71. You should check your rearview mirror...
 a) Every 5 to 8 seconds
 b) To check your make-up or hair
 c) When you think there may be a problem behind you
 d) After you apply the brake
72. Which of the following is a wrong statement?
 a) Walk on the footpath.
 b) Stand in a queue at the bus stop.
 c) Do not get into or off a moving bus.
 d) Do not obey the traffic rules.
73. At a red light
 a) You can keep going if the path looks clear.
 b) You must stop and wait for it turn green.
 c) Quickly you can reply your friend's text message.
 d) You can attend call.
74. The first category of traffic signs is _____.
 a) Mandatory Signs b) Cautionary Signs
 c) Informatory Signs d) None of these
75. Overtaking when approaching a bend is
 a) permissible b) nor permissible
 c) permissible with care d) our wish

53. When did the Government of India pass the Environment Protection Act?
a) 1990 b) 1986 c) 1896 d) 2000
54. Why is CNG (Compressed Natural Gas) preferred over petrol?
a) Burns most efficiently b) It is expensive
c) Burns less efficiently d) Can be adulterated
55. Air is a/an-
a) element b) Compound c) mixture d) None of these
56. Air quality indicator is
a) Lichen b) Moss c) Algae d) None of these
57. What is particulate matter causing air pollution called?
a) Smog b) Soot c) Foam d) None of the above
58. The first nuclear power plant in India is located at
a) Kota b) Kalapakkam c) Tarapur d) Barailly
59. The three best ways to protect yourself from radiation exposures are:
a) Time, distance, shielding b) Meditate, focus, breathe
c) Paper, plastic, lead d) Distance, ear-plugs, shielding
60. Which of the following is considered a nuclear disaster?
a) Bhopal Tragedy of 1984 b) Chernobyl USSR
c) Three mile incident d) both b & c
61. In every one's life _____ is important
a) Safety b) Money c) Beauty d) None of the above
62. Pedestrians can cross the road _____.
a) Anywhere b) Near the signal
c) At the zebra crossing d) None of the above
63. We should not talk on mobile while driving _____.
a) Correct b) Wrong c) Don't know d) Will ask
64. Minamata disease is caused due to
a) Mercury b) Sulphur c) Copper d) Iron
65. The water (Prevention and Control of Pollution) act was passed in the year
a) 1964 b) 1965 c) 1974 d) 1975
66. Sound becomes hazardous noise pollution at decibels
a) Above 30 b) Above 80
c) Above 100 d) Above 120
23. When you go for shopping, what are you expected to do to save the environment?
a) Shop for products that have as little packaging as possible.
b) In any store, use a bag even it is not needed.
c) Do not reduce the frequency of shopping.
d) Buy paper towels and napkins
24. Good ozone is found in the
a) stratosphere b) ionosphere
c) troposphere d) mesosphere
25. UV rays is higher in summer as
a) during summer, ozone is more in the atmosphere
b) sun is busy in summer specially
c) sun is closer to planet earth so UV rays have a shorter distance to travel and reach us
d) none of the above
26. In which sphere Ozone layer depletion is found?
a) Ionosphere b). Stratosphere
c). Lithosphere d). None of these
27. Burning of Fossil Fuels Results In
a) Increased oxygen level b) Decreases greenhouse gases
c) Increased greenhouse gases d) Increased ethane level
28. Which naturally occurring phenomenon is responsible for heating of Earth's surface and atmosphere?
a) Eutrophication b) Bio-magnification
c) Greenhouse effect d) Cooking.
29. What is Carbon Sequestration?
a) Removal of CO₂ from the atmosphere
b) Storage of CO₂ by depositing in the reservoir
c) Removal of CO₂ from the atmosphere & Storing it by depositing it in the reservoir
d) None of the above
30. Which of the Following Greenhouse Gases Has the Highest Atmospheric Lifetime?
a) CFC b) Nitrous oxide
c) Methane d) Carbon tetrafluoride
31. The reduction of forest affects
a) Rain fall b) Sunlight c) Electricity d) Building

32. Continuous deforestation may lead to ____ value in the country
a) Economic b) Zero forest
c) Market d) Defence
33. The Bishnoi women tied _____ on tree.
a) Iron Chain b) Silver Chain
c) Sacred thread d) Gold Chain
34. Correct order of increasing energy content for various types of coal is:
a) Anthracite, Peat, Bit-coal, Lignite
b) Lignite, Peat, Bit-coal, Anthracite
c) Peat, Lignite, Bit-coal, Anthracite
d) Peat, Lignite, Anthracite, Bit-coal
35. What is the name of the action plan for sustainable development in the twenty first century framed in the Rio Declaration on Environment & Development (1992)?
a) Action 21 b) Agenda 21 c) Rio 21 d) Resolution 21
36. Forest is an example of
a) Marine ecosystem b) Limnic ecosystem
c) Terrestrial ecosystem d) Grassland ecosystem
37. Zoos are examples for
a) in situ conservation b) in vivo conservation
c) ex situ conservation d) de novo conservation
38. Sundarlal Bahuguna REFUSED to receive one of the highest civilian honors in India _____ award in 1981.
(a) Padma Shri (b) Bharat Ratna
(c) Padma Vibhushan (d). Padma Bhushan
39. Appiko movement took place in Uttara Kannada district of Karnataka in the _____ Ghats
(a) Eastern (b) Western (c) Northern (d) Southern
40. Afforestation is the process of _____
(a). Cleaning forests (b) Plantation
(c) Cutting of forest (d) Collecting forest resources
41. The loss of trees affects us by _____
(a) Extinction of plants and animals.
(b) Reduce water in the atmosphere.
(c) Soil erosion and floods.
(d) All of the above
42. What is deforestation?
a) The loss of fish habitats b) The loss of forest habitats
c) The loss of ground habitats d) The loss of all habitats
43. The best way to reduce deforestation is by _____
a) Using more paper
b) Clear more area of trees to grow plant
c) Burning forest in order to create cultivated land
d) Clear more area of plants to grow trees
44. The main cause of wildfire is _____
a) Volcanic activity b) Lightening
c) Pollution d) Human activity
45. In which of the following process the farmers cut down the trees of the forest and burn the plant remains?
a) Room cultivation b) Jhum cultivation
c) Crob cultivation d) Afforestation
46. Tsunami waves also known as _____.
a) Tidal waves b) Seismic sea waves
c) Both (a) and (b) d) None of the above
47. When did the Bhopal tragedy occur?
a) 1787 b) 1947 c) 1984 d) 1994
48. Which gas was responsible for Bhopal Tragedy?
a) Chlorine b) Mustard gas
c) Phosgene d) Methyl iso-cyanate
49. When did the Chernobyl disaster occur?
a) 1947 b) 1956 c) 1986 d) 1996
50. How many people died on the spot in Chernobyl accident?
a) 38 b) 100 c) 200 d) 1000
51. Which country put atom bombs on Hiroshima and Nakasaki?
a) England b) USA c) Africa d) Germany
52. Which chemical was responsible for Bhopal gas tragedy?
a) Methyl Iso-cyanate b) Benzene Hexa Chloride
c) Tri Nitro Toluene d) Methyl Iso-cyanide