Answer Key
Environmental Studies
Common Paper

EXAMINATION 2020
SIXTH SEMESTER
ENVIRONMENTAL STUDIES
(Common Paper)
SIXTH SEMESTER

Full Marks – 75
Time – 3 Hrs

All questions are compulsory. Each question carry 1 (one) mark.
Choose the correct answer from the options given.

1. Which of the following statement is true for defining Environment?
(a) It includes only the things that surrounds us
(b) It includes only interactions between the things that surrounds us
(c) It includes all the things that surrounds us, their interaction with one another and their interrelationships.

2. An ecosystem consists of
(a) biotic component
(b) abiotic component
(c) both of the above

3. Ecological succession ultimately culminates in a more or less stable community called
(a) pioneer community
(b) climax community
(c) seral communities

4. Which of the following is an indoor air pollutant?

(a) Carbon dioxide
(b) Methane gas
(c) Radon gas

5. "Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs." is defined by
(a) G.H. Brundtland
(b) Rajiv Gandhi
(c) Yasuhiro Nakasone

6. When is world environment day celebrated?
(a) 1st June
(b) 3rd June
(c) 5th June

7. Intensive irrigation in modern agriculture results in:

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(a) Water logging
(b) Salinity
(a) Both of the above

8. Complex network formed by linking one food chain to the other is called
(a) food link
(b) food web
(c) food chain

9. Corbett, Periyar and Gir are examples of
(a) National park
(b) Wildlife sanctuary
(c) Biosphere reserve

10. The maximum sound intensity in 'Silent Zone' as per the Central Pollution Control Board is

(a) 65 dB
(b) 55 dB
(c) 50 dB

11. Construction of big dams can lead to displacement of
(a) tourists
(b) indigenous people/tribals
(c) trees

12. The acronym for ENVIS is
(a) Environmental International System
(b) Environmental Information System
(c) Environmental Impact System

13. Which one of the following terms does not apply to renewable resources?
(a) exhaustive
(b) abundant
(c) regenerable

14. When a frog eats insects thriving on green plants, the frog is a
(a) primary consumer
(b) secondary consumer
(c) tertiary consumer

15. High Biological Oxygen Demand (BOD) is an indicator of

(a) Air Pollution
(b) Soil Pollution
(c) Water Pollution

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16. Which of the following is NOT a reason for increasing demand of energy?
(a) Increasing movements of rural folk to cities
(b) Setting up of factories
(c) Cycling to office and back home

17. Renewable resources can become non renewable if we use them to such an extent that
(a) rate of extraction exceeds rate of regeneration
(b) rate of extraction is below rate of regeneration
(c) rate of extraction is equal to rate of regeneration

18. Blue-baby syndrome is caused by excessive amount of___ in drinking water
(a) Nitrate
(b) Phosphates
(c) Sulphur

19. The flow of nutrients in an ecosystem is
(a) unidirectional
(b) bidirectional
(c) cyclical

20. The acronym of IUCN is
(a) International Union for Conservation of Nature and Natural Resources
(b) International Union for Conservation of Nature
(c) International Unity for Control of Natural Resources

21. Election campaigns, social/religious functions are classified under
(a) Stationary sources of noise pollution
(b) Mobile sources of noise pollution
(c) Both of the above

22. Which of the following is an important activity in the prevention of pollution?
(a) Planting trees
(b) Use of Pesticides
(c) Stubble Burning

23. The aim of value education is to inculcate in students
(a) social values
(b) political values
(c) moral values

24. The first Indian National Population Policy was adopted in the year
(a) 1952
(b) 1950
(c) 1948

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25. The primary cause of biodiversity loss is
(a) Destruction of habitat
(b) Pollution
(c) Poaching

26. Kaziranga National Park is famous for
(a) One-horned Rhinoceros
(b) Tiger
(c) Elephant

27. Common energy source in Indian villages is
(a) Coal
(b) Wind
(c) Wood and animal dung

28. Rainwater harvesting is a technique of
(a) collecting and storing rainwater for future use
(b) treating rainwater which is unclean
(c) distributing rainwater to households in a community

29. Environmental Health is a diverse science and its primary objective is
(a) To prevent diseases and create health supportive environment
(b) To create a pollution-free environment
(c) To make the environment clean

30. Consumerism is related to
(a) sustainable use of resources
(b) adequate supply of basic necessity
(c) constant purchasing of new goods

31. ________________ of wastewater is a biological process which involve microorganism.
(a) Primary treatment
(b) Secondary treatment
(c) Tertiary treatment

32. The progressive increase in the concentration of toxic pollutants from one trophic level to another is known as?
(a) Eutrophication
(b) Biomagnification
(c) Bioaccumulation

33. Conservation of living organisms in their natural habitat is
(a) *In-situ* conservation

(b) *In-vitro* conservation
(c) *Ex-situ* conservation

34. DDT is a ___________________
(a) Fertilizer
(b) Pesticide
(c) None of these

35. Rivers, streams, lakes and ponds are examples of
(a) ground water
(b) surface water
(c) sub-surface water

36. Biodegradable solid waste is disposed off by which of the following methods?
(a) Composting
(b) Incineration
(c) Landfill

37. The Environment (Protection) Act was enacted in the year
(a) 1994
(b) 1980
(c) 1986

38. EIA stands for
(a) Environmental Impact Assessment
(b) Economic Impact Allotment
(c) Environmental Impact Audit

39. Mitigation measures in earthquake prone areas includes
(a) beauty of the structure
(b) building construction according to disaster management norms
(c) build huge infrastructures

40. Conservation is
(a) Judicious use of available natural resources.
(b) Proper management of natural resources
(c) Both of the above

41. Noise pollution has been inserted as pollution in the ___________________-
(a) Environment Act
(b) Air Act
(c) Water Act

42. Which one of the following is not a Greenhouse gas?
(a) Chlorofluorocarbon (CFC)
(b) Oxygen
(c) Carbon Dioxide

43. Which of the following are moral principles that describe certain standards of human behaviour and are regularly protected as legal rights?
(a) Men rights
(b) Women rights
(c) Human rights

44. The basic objective of the Family welfare programme is
(a) to stabilise the population
(b) to provide qualitative health services
(c) both of the above

45. Bhopal Gas Tragedy occurred due to the leakage of
(a) SO_2
(b) DDT
(c) MIC

46. Which one of the following is a 'Special Category waste'?
(a) Institutional waste
(b) Household waste
(c) Radioactive waste

47. The 3Rs in natural resources conservation stands for
(a) Refuse, Reduce, Reuse
(b) Reduce Reuse, Recycle
(c) Reduce, Refuse, Recycle

48. Minerals that are used for defense purpose are called as
(a) Critical Minerals
(b) Energy Minerals
(c) Strategic minerals

49. Which of the following statement is true?
(a) carnivores are also called saprotrophs
(b) herbivores are also called primary consumers
(c) both (a) and (b) are false

50. Environmental Pollution is the
(a) presence of undesirable substances in the air

(b) presence of undesirable substances in the water
(c) presence of undesirable substance in the components of environment

51. A technique of superimposing various thematic maps using digital data on a large number of inter related or interdependent aspects is known as
(a) Geographical Information System
(b) Bioinformation system
(c) Map system

52. Earth-centric thinking consider
(a) economy to be special
(b) nature to be special
(c) science to be special

53. Which of the following is a bio-degradable waste?
(a) Paper
(b) Plastic
(c) Glass

54. Species which are restricted only to a particular area are known as
(a) Endemic
(b) Rare
(c) Endangered

55. Energy transferred from one trophic level to the other is only about
(a) 90%
(b) 10 %
(c) 20%

56. The leader of the Anti Tehri Dam Movement was
(a) Baba Amte
(b) Medha Patkar
(c) Sunderlal Bahuguna

57. Which one of the following is a problem associated with underground mining?
(a) Removal of forest
(b) Subsidence of land
(c) Soil erosion

58. Nutrient cycling is also known as
(a) hydrological cycle
(b) chemical cycle
(c) biogeochemical cycle

59. Minimata Disease is caused by the chronic toxicity of which metal?
(a) Mercury
(b) Lead
(c) Arsenic

60. Sustainability is made up of 3 pillars: economy, society and
(a) equity
(b) environment
(c) ecology

61. Oil Spills affects fish by affecting
(a) Gills
(b) Scales
(c) Eyes

62. The chemical released by chlorofluorocarbon which is harmful to Ozone Layer is
(a) Chlorine
(b) Carbon
(c) Methane

63. Production of oxygen is an ____________________ uses of forest.
(a) economic
(b) ecological
(c) both of the above

64. Soil erosion may be caused by
(a) Water
(b) Wind
(c) Both of the above

65. Which of the following is not a Secondary Air Pollutant?
(a) Ozone
(b) PAN
(c) Sulphur Dioxide

66. The richness of species in an ecosystem is referred as
(a) Genetic diversity
(b) Species diversity
(c) Ecosystem diversity

67. Which of the following is an example of non-renewable source of energy?
(a) Solar

(b) Biomass
(c) Petroleum

68. Carbon, in the form of carbon dioxide is taken up by green plants as a raw material for
(a) respiration
(b) transpiration
(c) photosynthesis

69. The major effects of deforestation
(a) Soil erosion
(b) Loss of biodiversity
(c) Both of the above

70. Which of the following is responsible for desertification?
(a) Deforestation
(b) Overgrazing
(c) Both of the above

71. The plant *Nepenthes khasiana* is endemic to
(a) Manipur
(b) Mizoram
(c) Meghalaya

72. Economically unproductive lands suffering from environmental degradation are called as
(a) wastelands
(b) barren lands
(c) unfertile lands

73. Which of the following gases is a major contributor of acid rain?
(a) Methane
(b) Carbon monoxide
(c) Sulphur dioxide

74. The equitable use of resources is necessary for
(a) Better lifestyle for all
(b) Sustaining natural wealth
(c) Sustainable development

75. Food chain which starts with green plants is called
(a) grazing food chain
(b) parasitic food chain
(c) detritus food chain

Answer Sheet
Environmental Studies
Sixth Semester 2020 Examinations

Name of the Student.. Roll No......................

Please Tick (✔) the correct answer.

1 a b c	2. a b c	3. a b c	4. a b c	5. a b c
6. a b c	7. a b c	8. a b c	9. a b c	10. a b c
11. a b c	12. a b c	13. a b c	14. a b c	15. a b c
16. a b c	17. a b c	18. a b c	19. a b c	20. a b c
21. a b c	22. a b c	23. a b c	24. a b c	25. a b c
26. a b c	27. a b c	28. a b c	29. a b c	30. a b c
31. a b c	32. a b c	33. a b c	34. a b c	35. a b c
36. a b c	37. a b c	38. a b c	39. a b c	40. a b c
41. a b c	42. a b c	43. a b c	44. a b c	45. a b c
46. a b c	47. a b c	48. a b c	49. a b c	50. a b c
51. a b c	52. a b c	53. a b c	54. a b c	55. a b c
56. a b c	57. a b c	58. a b c	59. a b c	60. a b c
61. a b c	62. a b c	63. a b c	64. a b c	65. a b c
66. a b c	67. a b c	68. a b c	69. a b c	70. a b c
71. a b c	72. a b c	73. a b c	74. a b c	75. a b c

Place:
Date:

Signature of the Student