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**SeCTION:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
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**SET - A Presidency University**

**Bengaluru**

**SCHOOL OF ENGINEERING / school of information science**

**MIDTERM EXAMINATION – APRIL 2023**

**Date**: 15-APR-2023

**Time**: 2:30 PM – 3:30 PM

**Max Marks**: 50

**Weightage**: 25%

**Course Code**: CHE1018

**Course Name**: Environmental Science

**Program & Sem**: All Programs

**Instructions:**

1. *Read the question properly and answer all the questions accordingly.*
2. *Complete the test within the time given.*

**Choose the correct option. Each question carries 0.5 mark. (100 x 0.5 = 50)**

1. The other name of decomposer is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Autotroph
2. Heterotroph
3. Detrivore
4. Saphrotroph

2. A.G. Tansley coined the term \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Ecology
2. Ecosystem
3. Environment
4. None of the above

3. \_\_\_\_\_\_\_ perform an invaluable service in the ecosystem by decomposing the organic matter and make it available for reuse. **(CO1, Knowledge)**

1. Omnivores
2. Producers
3. Decomposers
4. All the above

4. The upper part of an aquatic ecosystem contains \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Benthos
2. Plankton
3. Nekton
4. Both a and b

5. Examples of omnivores\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Elephant and Camel
2. Frog and small bird
3. Fox and Lion
4. Man and Rat

6. Earnest Haeckel introduced the term \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Ecology
2. Ecosystem
3. Environment
4. None of the above

7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ depends on the green plants of earth for survival. **(CO1, Knowledge)**

1. all the animals
2. only herbivores
3. only carnivores
4. none

8. Meteors occurs in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Stratosphere
2. Mesosphere
3. Troposphere
4. Exosphere

9. The recycling of elements in an ecosystem is called\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. chemical cycle
2. geological cycle
3. biogeochemical cycle
4. geochemical cycle

10. The region of earth, where water exists is known a\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Hydrosphere
2. Biosphere
3. Lithosphere
4. Atmosphere

11. \_\_\_\_\_\_\_\_\_\_is the protective blanket of gases, surrounding the earth. **(CO1, Knowledge)**

1. Hydrosphere
2. Biosphere
3. Lithosphere
4. Atmosphere

12. Producers, consumers and decomposers creates\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Biogeochemical cycle
2. Biological disorder
3. Biological equilibrium
4. All the above

13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ deals with the study of ecosystem. **(CO1, Knowledge)**

1. Ecology
2. Biology
3. Zoology
4. Geology

14. The pyramid of number in an ecosystem \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Always upright
2. Always inverted
3. May be upright or inverted
4. None of the above

15. The living beings exists in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Stratosphere
2. Mesosphere
3. Troposphere
4. Exosphere

16. The plants prepare their own food by using \_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. H2O, CO2, Light, and chlorophyll
2. Chlorophyll, O2, H2O, and Light
3. Light, CO, H2O, and chlorophyll
4. CO2, H2O, Air and chlorophyll

17. Example of quaternary consumer\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Lion
2. Grasshopper
3. Snake
4. Frog

18. Secondary consumers derive their energy from\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Producers
2. Herbivores
3. Tertiary consumers
4. All the above

19. The following is the correct food chain of an aquatic ecosystem \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Phytoplankton → Zooplankton →Fish →Bird → Vulture
2. Phytoplankton→ Fish→ Zooplankton → Bird→ Vulture
3. Zooplankton→ Phytoplankton→ Vulture→ Fish → Bird
4. Fish→ Zooplankton→ Phytoplankton→ Bird →Vulture

20. Which of the following is TRUE for food chain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Energy flow
2. Nutrient cycling
3. Ecological balance
4. All the above

21. The organic nutrients of dead plants and animals are converted into inorganic substances by microbes which are absorbed by\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Autotrophs
2. Heterotrophs
3. Saphrotrophs
4. All the above

22. Dobson units is related to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Stratosphere
2. Mesosphere
3. Troposphere
4. Exosphere

23. Ecosystem is smallest unit of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Biosphere
2. Lithosphere
3. Ionosphere
4. Mesosphere

24. The non-green plants, like \_\_\_\_\_\_\_\_, are as important as green plants because they bring about the decomposition of dead animals and plants remains. **(CO1, Knowledge)**

1. Yeast
2. Mushrooms
3. Moulds
4. All the above

25. Which one of the following in NOT TRUE for decomposer \_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. They recycle organic matter in ecosystems
2. They break down complex organic material to simpler inorganic compounds
3. Millipedes, earthworms, and termites are the example of decomposers
4. They consumes dead part of plant and animal

26. Carnivores are at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_trophic level **(CO1, Knowledge)**

1. 1st
2. 2nd
3. 3rd
4. All the above

27. The organisms at the apex of food chain are\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. herbivores
2. photosynthetic plants
3. saprophytic plants
4. carnivores

28. The major matters that are recycled through the biotic and abiotic components of the ecosystem \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Carbon, Water, Nitrogen, Oxygen, Phosphorus, Selenium
2. Carbon, Chlorine, Nitrogen, Oxygen, Phosphorus, Sulphur
3. Carbon, Helium, Neon, Ozone, Sulphur, Phosphorus
4. Carbon, Sulphur, Copper, Sodium, Oxygen, Fluorine

29. The driving force of the ecosystem is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. carbohydrates in plants
2. biomass
3. producer
4. solar energy

30. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ provides more than one alternatives of food to most of the organisms in an ecosystem and thus increases their chances of survival. **(CO1, Knowledge)**

1. Food chain
2. Food web
3. Tropic structure
4. Ecological pyramid

31. Producers in an aquatic environment are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Carnivores
2. Herbivores
3. Zooplanktons
4. Phytoplanktons

32. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is known as ionosphere **(CO1, Knowledge)**

1. Stratosphere
2. Mesosphere
3. Thermosphere
4. Exosphere

33. Which is called as autotrophs\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Producers
2. Consumers
3. Decomposer
4. All the above

34. The uppermost layer of the atmosphere is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Stratosphere
2. Mesosphere
3. Troposphere
4. Exosphere

35. In a food chain, the energy flow is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Always unidirectional
2. Always bidirectional
3. Always multidirectional
4. Unidirectional or multidirectional

36. Radio waves transmitted by earth are reflected back in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_sphere

**(CO1, Knowledge)**

1. Stratosphere
2. Mesosphere
3. Thermosphere
4. Exosphere

37. In an upright pyramid of biomass, the tertiary consumer occupy the position \_\_\_\_\_\_\_\_\_

**(CO1, Knowledge)**

1. 4
2. 3
3. 2
4. 1

38. Human alter the carbon cycle by adding excess CO2 to the atmosphere through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Burning fossil fuels
2. Using more number of automobiles
3. clearing vegetation faster than it is replaced
4. All the above

39. Select the correct water cycle process. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Condensation, evaporation, runoff, precipitation, infiltration
2. Evaporation, condensation, precipitation, infiltration, runoff
3. Evaporation, infiltration, runoff, precipitation, condensation
4. Precipitation, infiltration, Evaporation, runoff, condensation

40. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is a graphical representation of the numbers of individuals in each population in a food chain. **(CO1, Knowledge)**

1. Pyramid of numbers
2. Pyramid of biomass
3. Pyramid of energy
4. Food web

41. Select the right edaphic factor. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Rain
2. Water
3. Minerals
4. Light

42. Economy is an example of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_elements of environment. **(CO1, Knowledge)**

1. Physical
2. Biological
3. Cultural
4. None of the above

43. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a lentic ecosystem. **(CO1, Knowledge)**

1. Lake
2. River
3. Forest
4. Ocean

44. Producers are important to carbon cycle because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. They remove carbon dioxide from the atmosphere
2. They add carbon dioxide to the atmosphere
3. They add or remove carbon dioxide back to/from the atmosphere
4. They absorbs sunlight

45. Which of the following is NOT TRUE for quaternary consumers?\_\_\_\_\_ **(CO1, Knowledge)**

1. They are largest carnivores
2. They feed on tertiary consumers
3. They are eaten by any animals
4. None of the above

46. A food chain starts with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

* 1. Nitrogen fixing organisms
  2. Photosynthetic organisms
  3. Saphrophytic organisms
  4. Detritus organism

47. In a food chain, each successive trophic level has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Increased total energy
2. Decreased total energy content
3. Same total energy content
4. Non estimated energy content

48. At the producer level, if 104 J of energy is trapped, then how much energy will be available to a insects as food in the following food chain? Plant→ Insects→ Mice→ Snake

**(CO1, Knowledge)**

1. 10 J
2. 100 J
3. 1000 J
4. 10000 J

49. There are several types of heterotrophs. Which of the following is not one of them?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Consumers
2. Hervivores
3. Omnivores
4. Carnivores

50. Transpiration is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Evaporation from sea surface
2. Evaporation from pond surface
3. Evaporation from river surface
4. Evaporation from surface of leaves of plants

51. Which of the following is NOT TRUE on the objectives of environmental studies as per UNESCO (1971)? **(CO1, Knowledge)**

1. Creating the awareness about environmental problems among people
2. Imparting basic knowledge about the environment and its allied problems
3. Developing an attitude of concern for the environment
4. Manipulating public to participate in environmental protection

52. The purpose of studying environmental ethics is to overcome\_\_\_\_\_\_\_\_\_\_**(CO1, Knowledge)**

1. environment damage produce by the present generation
2. What acts must be give up to slow such damage?
3. Only a
4. Both a and b

53. In which of the following there will be no disturbance in the natural balance?

**(CO1, Knowledge)**

1. Reservoir
2. Cropland ecosystem
3. Tundra
4. Hydroelectric power generation

54. Ozone is found in \_\_\_\_\_\_\_\_\_\_km range **(CO1, Knowledge)**

a) 8-15 km

b) 20-30 km

c) 30-50 km

d) 50-80km

55. Troposphere is also called as \_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Ozonosphere
2. Ionosphere
3. Changing sphere
4. Thermosphere

56. Ecology is concerned with the general principles that apply to both \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Flora and Fauna
2. Environment and Ecosystem
3. Lithosphere and hydrosphere
4. Biosphere and humans

57. Which of the following is not a terrestrial ecosystem? **(CO1, Knowledge)**

1. Forest
2. Grassland
3. Lake
4. Desert

58. The coldest sphere in the atmosphere is \_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Stratosphere
2. Mesosphere
3. Thermosphere
4. Exosphere

59. Which of the following is NOT an ecosystem? **(CO1, Knowledge)**

1. Desert
2. Forest
3. Ionosphere
4. Salt water lake

60. What is an ecosystem? **(CO1, Knowledge)**

1. The pattern of weather that affects a particular area.
2. The life cycle of a plant from seed to flower.
3. All living things in a particular environment, like a forest or a desert.
4. A community of animals and plants that interact with their environment.

61. \_\_\_\_\_\_\_\_\_\_ are those whose water is still, and are made up of ponds, marshes, ditches, lakes and swamps **(CO1, Knowledge)**

1. Lotic Ecosystem
2. Lentic Ecosystem
3. Terresterial water ecosystem
4. Salt water ecosystem

62. Select the incorrect match from the following: **(CO1, Knowledge)**

List I List II

1. Aquatic ecosystem 1. Marine
2. Forest ecosystem 2. Artificial ecosystem
3. Desert ecosystem 3. Less rainfall
4. Grassland ecosystem 4. Savanna

63. Read the sentences and choose the correct option. A: Food webs and food chains are synonyms. B: Food chain is a part of food web. **(CO1, Knowledge)**

1. Only A is true.
2. Only B is true.
3. Both A and B are true.
4. Both A and B are false.

64. A small farmer grows wheat on his land. He is very scared of snakes. Whenever he encounters a snake he kills it. What will be the adverse consequence of killing the snakes?

**(CO1, Knowledge)**

1. Population of rats will increase
2. His wheat will be destroyed
3. Number of hawks will decrease
4. All the above

65. Which of the following contribute to the carbon cycle? **(CO1, Knowledge)**

1. Photosynthesis
2. Respiration
3. Fossil fuel combustion
4. All above

66. The lentic ecosystem includes which of following water? **(CO1, Knowledge)**

1. Rain
2. Running
3. Standing
4. Gravitational

67. Which of the following could NOT be considered an ecosystem?  **(CO1, Knowledge)**

1. A small pond
2. A coral reef
3. A palm of human hand
4. None of the above

68. \_\_\_\_\_\_\_\_\_\_\_\_operates under natural conditions without any major interference by human

**(CO1, Knowledge)**

1. Natural Ecosystem
2. Artificial Ecosystem
3. Both a and b
4. Neither a nor b

69. The flow of materials and energy in an ecosystem is respectively: **(CO1, Knowledge)**

1. Cyclic only
2. Cyclic and linear
3. Linear and cyclic
4. Linear only

70. Which of the following food chain produces greater available energy for man?

**(CO1, Knowledge)**

1. Phytoplanktons →small fish→large fish→birds→man
2. Green plant→rabbit→man
3. Green plant→small insect→frog→big fish →man
4. Green plant→man

71. What will happen if decomposers are removed from the ecosystem? **(CO1, Knowledge)**

1. Producers can produce food
2. Nutrient recycle is stopped
3. Consumers cannot absorb solar energy
4. Rate of decomposition of mineral increases

72. Spraying of insecticides, led to the deaths of cats and spreading of plague due the increament of rat population. This incident represents the: **(CO1, Knowledge)**

1. Interconnectedness between the different components of an ecosystem
2. Significance of food chain
3. Both (a) and (b)
4. Neither (a) nor (b)

73. Which of the following statement is correct? **(CO1, Knowledge)**

1. An ecosystem is a functional unit of nature and comprises abiotic components.
2. Abiotic components are biological elements.
3. Biotic components are producers, consumers and decomposers.
4. Energy flow is multidirectional.

74. Burning of fossil fuels affects\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Nitrogen cycle
2. Carbon cycle
3. Phosphorus cycle
4. Sulpher cycle

75. Which of the following pair is not correctly matched? **(CO1, Knowledge)**

1. Autotrophs - Fungi
2. Primary consumers - Zooplankton
3. Secondary consumers - Fishes
4. Decomposers – Bacteria

76. Which of the following states the difference between food chain and food webs?

**(CO1, Knowledge)**

1. food webs provide more than one option of food for a species.
2. food webs represent the complex interaction among food chains.
3. food chains are single sequence of who eats whom in a community.
4. Both (a) and (b)

77. The system resulting from the interaction of all the living and non-living factors of the environment is called \_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Ecology
2. Ecosystem
3. Environmental Science
4. All of the above

78. Pyramid of biomass represents\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Amount of matter lost between each trophic level
2. Number of species at different trophic level
3. Energy associated with different trophic level
4. None of the above

79. Which of these do not alter the water cycle? \_\_\_\_\_\_\_\_\_\_\_\_\_  **(CO1, Knowledge)**

1. Clearing the vegetation
2. Withdrawing excess of ground water
3. Polluting the water
4. Depletion of ozone layer

80. Carbon foot print signifies\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Carbon emission by factories
2. Carbon emission by vehicles
3. Both a and b
4. None of the above

81. Unit not used in the pyramid of energy \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Calorie
2. Pounds
3. Joules
4. None of the above

82. Energy associated with this trophic level is maximum\_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Producers
2. Primary consumers
3. Secondary consumers
4. Tertiary consumers

83. Which of these processes is not related to carbon cycle? **(CO1, Knowledge)**

1. Photosynthesis
2. Respiration
3. Combustion
4. Precipitation

84. Choose the right option with respect to biogeochemical cycles. **(CO1, Knowledge)**

1. Nutrients are circulated through only soil
2. Nutrients are circulated through soil, water, air
3. Nutrients are circulated through soil, water, air and organism
4. Nutrients are circulated through only soil and biological community

85. Which among the following discipline are related to the environmental science?

**(CO1, Knowledge)**

1. Economics
2. Ecology
3. Atmospheric Science
4. All the above

86. Soils, rocks and minerals are related to which type of elements of environment?

**(CO1, Knowledge)**

1. Physical elements
2. Biological elements
3. Cultural elements
4. None of the above

87. Select the right sequence of the biotic components. **(CO1, Knowledge)**

1. Autotrophs –> Carnivores -> Large Carnivores–> Herbivores
2. Autotrophs –> Herbivores -> Carnivores -> Large Carnivores
3. Herbivores -> Autotrophs –> Carnivores -> Large Carnivores
4. Large Carnivores –>Carnivores -> Herbivores-> Autotrophs

89. Food chains are met with only in the \_\_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Sea
2. Cities
3. Forests
4. In all the places

90. What are the two basic categories of an ecosystem? **(CO1, Knowledge)**

1. Aquatic and terrestrial
2. Aquatic and forest
3. Ponds and lakes
4. Rivers and forests

91. The word Ecology is a \_\_\_\_\_\_\_\_ word. **(CO1, Knowledge)**

1. French
2. Greek
3. English
4. German

92. Which process is responsible for the formation of water vapor? **(CO1, Knowledge)**

1. Evaporation
2. Transpiration
3. Condensation
4. Both (a) and (b)

93. A factory located on the bank of a river releases its effluent into the river. Which of the following process will be affected by this incident? **(CO1, Knowledge)**

1. Carbon cycle
2. Water cycle
3. Both (a) and (b)
4. Niether (a) nor (b)

94. Which of the following is NOT a food chain? **(CO1, Knowledge)**

1. Grass 🡪 Grasshopper 🡪 Frog 🡪 Snake
2. Plants 🡪Rabbit 🡪 Wolf
3. Egg 🡪Larva 🡪 Pupa 🡪 Butterfly
4. Planktons 🡪Fish 🡪 Eagle

95. Which of the following best completes the given food chain? **(CO1, Knowledge)**

Wheat 🡪 Mouse 🡪 ? 🡪 Eagle

1. Earthworm
2. Rabbit
3. Frog
4. Snake

96. Which of the following statement is true for the given group of animals? Rat, Bear, Hen

**(CO1, Knowledge)**

1. They are mammals
2. They are omnivores
3. They are carnivores
4. None of these

97. Which among the following are the scope of Environmental Studies?  **(CO1, Knowledge)**

1. Conservation and management of natural resources
2. Conservation of biodiversities
3. Control of environmental pollutions
4. All the above

98. During water cycle, the formation of clouds is \_\_\_\_\_\_\_\_\_\_\_\_ **(CO1, Knowledge)**

1. Evaporation
2. Condensation
3. Precipitation
4. Transpiration

99. Which layer protects us from harmful UV rays of the sun? **(CO1, Knowledge)**

1. Stratosphere
2. Mesosphere
3. Troposphere
4. Exosphere

100. Statement P: Natural things can be living or non-living. Statement Q: Living things can only be natural. **(CO1, Knowledge)**

1. Both statements P and Q are correct
2. Statement P is correct and Q is incorrect
3. Statements P and Q are false
4. Statement P is incorrect and Q is correct