**1. Disposable plastics plates should not be used because --------------.**

A. they are made up of light weight material

B. They are made of toxic materials

C. they are made up of biodegradable materials

D. they are made up of non biodegradable materials

D

**2. Which of the following groups contain only biodegradable items ?**

A. grass, flowers, leather

B. grass, wood, plastics

C. fruit peels, cake and lime juice

D. cake, wood, grass

B

**3. What will happen if deer is missing from the food chain : grass → deer → Tiger ?**

A. the population of tiger will increase

B. tiger will start eating grass

C. the population of grass decrease

D. population of tiger decrease and grass increases

D

**4. Which is incorrect:**

A. all green plants and blue green algae are producers

B. green plants get their food from organic compounds

C. producers prepare food from inorganic substances

D. plants convert solar energy to chemical energy

B

**5. The % of solar radiation absorbed by all green plants for photosynthesis is about -----------.**

A. 1%

B. 5%

C. 8%

D. 10%

A

**6. If a grasshopper is eaten by frog, then the energy transfer will be from :**

A. producers to decomposers

B. producer to primary consumer

C. primary consumer to secondary consumer

D. secondary consumer to primary consumer

C

**7. The organisms of higher trophic level which feed on several types of organisms belonging to lower trophic level, constitute the-----------------.**

A. food web

B. ecological pyramid

C. ecosystem

D. food chain

A

**8. Which is non biodegradable?**

A. wood, paper, leather

B. polythene, detergent, grass

C. plastic, detergent, glass

D. plastic, bakelite, DDT

D

**9. In a given food chain the amount of energy at fourth trophic level is 5 KJ, what will be the energy at producer level ?**

A. 5KJ

B. 50KJ

C. 500kJ

D. 5000KJ

D

**10. The excessive exposure of humans to UV rays results in :**

A. damage immune system

B. skin cancer

C. peptic ulcers

D. damage to lungs

C

**11. The decomposers in ecosystem:**

A. convert inorganic materials to simpler forms

B. convert organic material to inorganic forms

C. do not breakdown organic compounds

D. None

A

**12. The flow of energy in ecosystem :**

A. unidirectional

B. Bidirectional

C. multidirectional

D. no specific direction

A

**13. In an ecosystem, the 10% of energy available for transfer from one trophic level to next is in the form of \_\_\_\_.**

A. heat energy

B. light energy

C. mechanical energy

D. chemical energy

D

**14. Which of the following limits the number of trophic levels in a food chain?**

A. decrease in energy at higher trophic level

B. deficient in food supply

C. polluted air

D. water

A

**15. Which of the following constitute the food chain?**

A. grass,wheat and mango

B. grass, goat and human

C. goat , cow and elephant

D. grass, fish , goat

B

**16. Which of the following are environment friendly practices?**

A. carrying cloth bags to put purchases in while shopping

B. switching off unnecessary lights and fans

C. walking to school instead of getting your mother to drop you on her scooter

D. all

D

**17. In a food chain, the third trophic level is always occupied by\_\_\_\_\_.**

A. carnivores

B. herbivores

C. omnivores

D. decomposers

A

**18. An ecosystem includes \_\_\_\_\_.**

A. all living organisms

B. non living objects

C. both living and non living components

D. sometimes living sometimes non living

C

**19. Accumulation of non-biodegradable pesticides in the food chain, in increasing amount at each higher trophic level is known as \_\_\_\_\_\_**

A. Eutrophication

B. pollution

C. biomagnification

D. accumulation

C

**20. Depletion of ozone is mainly due to \_\_\_\_\_\_\_\_**

A. chlorofluorocarbons

B. sulphur dioxide

C. acid rain

D. green house effect

A

**21. The constituents which do not form an eco-system are \_\_\_\_\_\_\_.**

A. plastic

B. biodegradable

C. non biodegradable

D. all

A

**22. Which of the following is an example of producers?**

A. plastic pens

B. plastic bags

C. polyethene

D. grass

D

**23. Which of the following is an example of herbivores?**

A. cow

B. shark

C. lion

D. tiger

A

**24. Which of the following is not an example of abiotic factors?**

A. light

B. plants

C. heat

D. temperature

B

**25.----- is a biodegradable pollutant .**

A. paper

B. cotton cloth

C. cotton

D. DDT

D

**26. Which of the following is the terrestrial ecosystem?**

A. natural forest

B. pond

C. lake

D. aquarium

A

**27. ---- is an omnivore animal .**

A. Lion

B. Hawk

C. Jackal

D. Man

D

**28. The formula of ozone is \_\_\_\_\_.**

A. O₂

B. "O₃"

C. "O₄"

D. O₅

B

**29. The number of atoms of oxygen in ozone\_\_\_\_\_\_.**

A. 2

B. 3

C. 6

D. 7

B

**30. The constituent that does not form ecosystem is :**

A. Biotic constituents

B. Abiotic constituents

C. Plastic bags

D. all

B

**31. The functional unit of environment**

A. Ecosystem

B. Nitrogen

C. Carbon

D. Oxygen

A

**32. Which out of them is herbivore?**

A. Cow

B. shark

C. Lion

D. Tiger

A

**33. Which is not an abiotic factor ?**

A. Light

B. plants

C. Heat

D. Temperature

B

**34. \_\_\_\_\_ is a terrestrial ecosystem .**

A. A natural forest

B. Lake

C. Pond

D. Aquarium

A

**35. The microorganisms comprises of :**

A. Bacteria

B. Fungi

C. a and b

D. green plants

C

**36. In the food chain, herbivores fall at \_\_\_\_ level .**

A. 1st

B. 2nd

C. 3rd

D. 4th

B

**37. In food chain, small carnivores fall at \_\_ level.**

A. 1st

B. 2nd

C. 3rd

D. 4th

C

**38. In trophic level, the greatest number is of \_\_\_\_\_.**

A. producers

B. Primary consumers

C. Secondary consumers

D. Tertiary consumers

A

**39. In food web, flow of energy is :**

A. Non directional

B. Bidirectional

C. Unidirectional

D. any of above

**C**

**40. Following is true for food web :**

A. The energy available at each level gets diminished

B. Energy moves progressively through different levels

C. a and b

D. none

C

**41. Order of energy flow in ecosystem is :**

A. Sunlight →Herbivores →producers →carnivores

B. Sunlight → producers → carnivores → herbivores

C. Sunlight → herbivores → carnivores → producers

D. Sunlight → producers →herbivores → carnivores

D

**42. Ozone shields the surface of earth from :**

A. Infra red rays

B. U-v rays

C. X-rays

D. all

B

**43. Which refrigerant is responsible for depletion of ozone layer**

A. CFC

B. FCC

C. FCF

D. CCF

A

**44. The organisms which synthesise carbohydrates from inorganic compounds using radiant energy are called :**

A. Decomposers

B. Producers

C. Herbivores

D. Carnivores

B

**45. What percentage of sunlight is captured by plants to convert into food energy ?**

A. 1%

B. 10%

C. 50%

D. more than 50%

A

**46. A detritus food chain begins with \_\_\_\_\_.**

A. Carnivores

B. Herbivores

C. Omnivores

D. Decomposers

D

**47. Which statement is incorrect :**

A. All green plants and blue green algae are producers

B. Green plants get their food from organic compounds

C. Producers prepare their own food from inorganic compounds

D. Plants convert solar energy into chemical energy

B

**48. Edaphic factors include \_\_\_\_\_\_.**

A. Abiotic components

B. Biotic components

C. Producers

D. Consumers

A

**49. Acid rain is caused due to \_\_\_\_\_\_\_.**

A. Carbon oxides

B. Nitrogen oxides

C. Sulphur oxides

D. both b and c

D

**50. Which of the following belongs to the category of primary consumers ?**

A. Eagle and snake

B. Grasshopper and cattle

C. Snake and frog

D. Water beetles and fish

B