

CBSE Practice papers

THE LIVING ORGANISMS AND THEIR SURROUNDINGS

class-6-Science Number of Questions: 66

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1

The study of life and living things is called:

- Botony Biology Biochemistry Oncology

2

Who is the father of Biology?

- Charles Darwin Gregor Mendel Edward Jenner Aristotle

3

The study of the relationship between living things and their environment is called:

- Zoology Ecology Microbiology Pathology

4

Plants are called producers because:

- They produce flowers They are green in colour They produce their own food
 They continue growing throughout their lives

5

Which of these are the characteristics of a living organism?

- Respiration Reproduction Excretion All of these

6

Which of these regions is very hot during the day and very cold during the night?

- Rainforest Plains Desert Plains

7

Which of these animals is also known as 'The ship of the desert'?

- Fennec Fox Cow Camel Ostrich

8

Which of the following enables a camel to survive in a desert?

- Long legs Little urine Dry dung All of these

9

The camel stores fat in its:

- Stomach Long neck Hump Mouth

10

What is the name of the surrounding where an organism lives?

- Mountain Habit Habitat Earth

11

Habitats are generally classified into:

- Two divisions Four divisions Three divisions Five divisions

12

What is the name of certain habits which enable an animal to survive in its surrounding?

- Nature Adaptation Habitat Food habits

13

What does 'habitat' mean?

- A forest A dwelling place A mountain A sea

14

What is the habitat for ants, termites and various kinds of insects?

- Water Wood Soil Air

15

The habitat of plants and animals that live on land is called:

- Aquatic habitat Terrestrial habitat Arboreal habitat Aerial habitat

16

Which of the following is not a terrestrial habitat?

- Grasslands Deserts Oceans Forests

17

What type of habitat does a mountain region comes under?

- Rainforest Terrestrial Aquatic Arboreal

18

Aquatic habitat is:

- Habitat with mountains Habitat with Air Habitat with water
 Habitat with lands

19

Which of these constitute a biotic community ?

- A group of buildings, shops, and roads in a city
 A community of mountains, air and sunlight The sunlight and galaxies
 A group of birds , plants , insects and animals

20

Which of these abiotic factors are very important for the growth of plants and all living organisms?

- Air, water Light Heat All of these

21

Which of the following are the biotic components of the ecosystem?

- Water Temperature Plants Soil

22

Which of these constitute the abiotic factors of an ecosystem?

- Plants Animals Soil Insects

23

The changes in our surroundings that make us respond to them, are called:

- Responsive changes Stimuli Reaction acclimation

24

Which of the following living beings are known for having growth throughout their lives?

- Dogs Trees Humans Cats

25

Which part of a desert plant performs photosynthesis?

- Root Leaf Bud Stem

26

The leaf-like structure in a cactus plant is its:

- Modified root Modified stem Modified flower Modified bud

27

The stem of a cactus plant is covered with a thick waxy layer to:

- Absorb water Lose water Retain water Give support to the plant

28

Which of the following is not an adaptive feature of a pine tree in mountainous regions?

- Needle like leaves Cone shaped having sloping branches
 Broad and oval shaped leaves Thick waxy coating on leaves

29

In desert plants like opuntia, leaves are modified into:

- Scales Hooks Spines Flowers

30

Which of these is the typical feature of a desert plant?

- They have big leaves They lose very little water through transpiration
 They lose a of lot water through transpiration They have a lot of leaves

31

Living organisms get rid of waste materials by the process of:

- Digestion Excretion Absorption Reproduction

32

Which among the following is a biotic component?

- Bacteria Soil Water Temperature

33

Birds are adapted to the _____ habitat.

- Aquatic Aerial Terrestrial Grassland

34

Which of the following animals can see in the dark?

- Owl Dog Cat Rabbit

35

A streamlined body is the adaptive feature of:

- Desert animals Terrestrial animals Forest animals Aquatic animals

36

Thick fur and a layer of fat below the skin is the adaptive feature of:

- Animals living in water Animals living in a forest Animals living in deserts
 Animals living in cold climate

37

The animal which has strong hooves for running up the rocky slopes of

mountains is the:

- Mountain goat Mountain fox Snow leopard Yak

38

Aquatic plants that live completely inside water are called:

- Aerial plants Floating plants Submerged plants Short root plants

39

The respiratory organs of a fish are its gills. They take in:

- Oxygen from plants Oxygen present in air Oxygen dissolved in water
 All of these

40

In order to live on trees, monkeys have:

- A hairy body A dark colour Long legs A long tail

41

It is useful for organisms living in polar regions to have thick fat deposits below their skin in order to:

- To aid in movement To make their body cold Prevent the loss of heat
 Make them strong

42

Deep growing roots, fleshy stems and less transpiration are characteristics of:

- Mountain plants Terrestrial plants Desert plants Aquatic plants

43

Which one of these is not an example of response to a stimuli ?

- Bending of a stem towards light
 The closing of a 'touch-me-not' plant's leaves on touching
 The running away of a dog when you throw a stone at it
 Staying normal irrespective of the surroundings

44

Which of these characteristics of organisms help them in the

continuation of life?

- Reproduction Respiration Excretion Transpiration

45

Rats and snakes living in deserts come out of their burrows mainly during the night to:

- Avoid high temperature Search for their prey Get water Avoid predators

46

An animal that chases, hunts and eats other animals for its meal is called:

- A predator Prey A hunting animal An omnivore

47

Which of the following sea animals does not have gills?

- Shark Fish Dolphins Seahorse

48

Lotus, lily and hydrilla are examples of:

- Hydrophytes Xerophytes Saprotrophs Mesophytes

49

Plants that grow in a dry desert area are called:

- Xerophytes Mesophytes Tracheophytes Hydrophytes

50

Mesophytes are:

- Plants which live in water Plants which live on land with sufficient water
 Plants which live on land as well as in water Plants which Live on land in dry areas

51

Which of the following is the odd one out?

- Water hyacinth Lotus Singhara Babool

52

Which of these animals can live in both water as well as on land?

- Fish Frog Monkey All of these

53

Lions have eyes in front of their face in order:

- To escape from other animals To have a correct idea about where to hide
 To have a correct idea about the location of their prey All the above

54

Which of the following is not an adaptive feature of hydrophytes?

- Some leaves are highly divided Stems are short and strong
 Some leaves are narrow and thin ribbon-like Roots are poorly developed

55

Cockroaches hide from light.

(Choose true or false, along with the correct reason)

- True: Since a cockroach's skin gets damaged in the presence of light
 True: Since they have light receptors cells in their eyes which cannot tolerate the high intensity light
 True: Cockroaches get scared of their enemies catching and eating them in the presence of light
 False: Cockroaches do not hide from light

56

As we move deep into seas and oceans the amount of light or the visibility _____

- Increases Remains unchanged Decreases
 Increases or decreases depending about the organism's strength of sight

57

What is the process called in which an individual organism adjusts to a gradual change in its environment?

- Modification Acclimatization Adjustment Variation

58

Which of these is not a lion's adaptations in grasslands?

- Having eyes in front of the face
- Sharp teeth and long claws
- Having a camouflaging body color
- Hollow bones and a light body

59

Which of the following statements is wrong?

- The long ears of deer have no role in adaptation
- Banyan tree can live up to 2000 years
- Most plants grow in the top layer of soil
- Those animals that do not adapt to a particular habitat may die in the course of time

60

Which of the following statements is wrong?

- A whale can stay in water for a long time without breathing
- In a sea, plants and animals are surrounded by saline water
- All living beings do not respond to stimuli
- The animals eaten by predators are called prey

61

Elephant's lifespan is:

- 15-18 years
- 100-150 years
- 70-90 years
- 150-200 years

62

A mouse's lifespan is:

- 1-4 months
- 10-11 months
- 2-3 years
- 5-6 years

63

Which of the following organisms reproduce by giving birth to young ones?

- Fish
- Lizards
- Dogs
- Birds

64

What is phototropism?

- Where a plant bends in a direction opposite to that of sunlight
- Where roots grow downwards in the soil
- Movement of a plant towards or away from the earth
- When a plant bends towards sunlight

65

The growth of the parts of plants in response to the force of gravity is called:

- Phototropism Thigmotropism Geotropism Gravitropism

66

Which of the following is statement is wrong?

- Pine trees are found in cold places In a polar region, the condition is extremely cold
 Deep sea worms are blind because of the lack of requirement
 Ponds, seas and oceans come under terrestrial habitat

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