



# BIOLOGY

## BOOKS - VGS PUBLICATION-BRILLIANT

### LIVING AND NON-LIVING

#### Exercise

1. List out common characteristics of living things.



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2. Why do cockroaches come out their places when lights are put out ?



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3. What characteristics are same in both living and nonliving things?



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4. Which of the following are derived from living things : sugar, coconut oil, pen, rice, fan, omelet, bus, wooden chair, garland, mango, clothes, fruit juice.



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5. Answer the following question :

How can you say that a tree is living even though it doesn't move?



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6. What are the uses of microscope?



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7. Thread like structure developed in bread are

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**8.** Which of the following is not a response to stimulus ? (d) closing eyes immediately after seeing bright light.



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**9.** Collect sweet potato, bottle, salt, and water. Take a bottle full of water and add salt, then put sweet potato inside the bottle. Observe for a few days. What happens? Note your

observations. How can you prove that sweet potato is also a living thing?



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**10.** What will happen if there is no stomata in leaves? Write your predictions



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**11.** Write down the steps of the experiment that you did in the lab to observe

microorganisms in pond water.



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**12.** How do you feel when you touch “Touch me not” plant ? Write your feelings ?



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**13.** Prepare venn diagram to present living and non-living characteristics of dog and tree.



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14. Do you think both living and nonliving things are necessary for our environment.

Why?



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15. What are living things and non-living things ?



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16. How do the following living beings go from one place to another ? Observe the following table and write the way the organisms move.

Living organism	Means of motion
Myself	
Housefly	
Grasshopper	
Frog	
Snake	
Birds	
Fish	
Plant	



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17. We say that plants don't move but find plants of the same types in different locations.

How is this possible ?



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**18.** Do all living things grow throughout life ?



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**19.** Do all living things breathe ?



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20. Do all living things get rid of their waste ?



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21. Write in table whether the living beings lay eggs or they give birth to young ones.



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22. What are Oviparous and Viviparous.?



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**23.** How do plants respond to stimulus?



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**24.** What happens when a seed is sown in soil?



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**25.** What is a microscope ?



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**26.** Explain the construction of a microscope with a neat sketch



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**27.** What is bread mould ? Explain.



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**28.** What is bacteria ? In what way is it useful?



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**29.** Are bacteria harmful ? Explain.



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**30.** Write a note on micro organisms in water.



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**31.** How do you prepare your own magnifier ?



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**32.** We see that plants don't move like us.  
Should we consider them as living beings ?



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**33.** What are the sources of their food ?



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**34.** What is photosynthesis ?



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**35.** Write a note on growth in living beings.



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**36.** Does rock need food?



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**37.** Do you grow for life time or not why





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**38.** Can plants be classified as oviparous or viviparous ?



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**39.** How to people notice things in living and non-living organisms?



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**40.** What is the use of magnifying lens?



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**41.** Name some items which are not visible to our naked eye.



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**42.** What are micro organisms?



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**43.** Write about stimuli of plants?



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**44.** Newly born blue whale measures

- A. 12 feet
- B. 20-26 feet
- C. 50 feet
- D. 8-10 feet

**Answer:**



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**45.** Among the following this is oviparous

A. Rabbit

B. Dog

C. Hen

D. Rat

**Answer:**



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**46.** Viviparous animals are those which

A. Lay eggs

B. Give birth to young ones

C. Lay eggs and give birth to young ones

D. None

**Answer:**



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**47. Animal that lays largest eggs**

A. Ostrich

B. Cat

C. Snake

D. Crocodile

**Answer:**



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**48.** Insects are

A. Viviparous

B. Mammals

C. Oviparous

D. None

**Answer:**



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**49.** Dead material decomposes to form

A. Living things

B. Plants

C. Renin

D. Non-living things

**Answer:**



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50. We can see minute things under a

A. Telescope

B. Microscope

C. Periscope

D. Kaleidoscope

**Answer:**



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51. This helps in the transportation of oxygen in human beings

A. Haemoglobin

B. Bilirubin

C. Phosphates

D. Sodium

**Answer:**



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52. The human heart creates enough pressure to squirt blood

A. 30 ft

B. 140 ft

C. 100 ft

D. 120 ft

**Answer:**



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53. Which of the following is living things?

A. table

B. chair

C. bacteria

D. rock

**Answer:**



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54. Which of the following is not made up of non-living thing ?

A. bullock cart

B. car

C. lorry

D. T.V

**Answer:**



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55. The longest living cells in the body are

A. brain cell

B. kidney cell

C. liver cells

D. all of these

**Answer:**



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56. Gills are used for

A. absorption

B. respiration

C. conduction

D. none

**Answer:**



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**57.** Plants take in air through tiny openings called \_\_\_ which are present on

A. stomata, leaves

B. stomata, stem

C. leaves, stomata

D. roots, leaves

**Answer:**



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**58.** The animals which can live both in water as well as land are called



A. reptile

B. amphibian

C. polar

D. none

**Answer:**



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**59.** The basic conditions necessary for the germination of seeds are

A. water

B. oxygen

C. temperature

D. all of these

**Answer:**



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**60.** The animals that give birth to young ones are

A. reptiles

B. birds

C. amphibians

D. mammals

**Answer:**



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**61. Which of the following is not an insects?**

A. bee

B. ant

C. spider

D. butterfly

**Answer:**



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**62.** The plant that responds when we touch it is

A. rose

B. mimosa

C. neem

D. tulasi

**Answer:**



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**63.** Eye piece is a \_\_\_\_ component in the microscope.

A. structural

B. visual

C. both A & B

D. none

**Answer:**



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**64.** The process of getting rid of wastes is called

A. locomotion

B. nutrition

C. excretion

D. digestion

**Answer:**



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**65.** Which of the following does not grow ?

A. rock

B. plant

C. hen

D. fish

**Answer:**



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**66.** \_\_\_\_ is not a characteristic of non -living thing.

A. Reproduction

B. locomotion



C. Excretion

D. All the above

**Answer:**



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**67. Where can we find microorganisms ?**

A. birds

B. human

C. ponds

D. all the above

**Answer:**



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**68.** Choose the correct answer:

Seed is a .....

A. Living

B. non-living

C. both A & B

D. none

**Answer:**



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**69.** \_\_\_\_ is the noise of the plant.

A. root

B. Stomata

C. Stem

D. Fruit

**Answer:**



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**70.** Non-living things cannot

A. grow

B. move

C. breath

D. all the above

**Answer:**



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71. Seeds are produced from

A. animals

B. human

C. plants

D. birds

**Answer:**



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72. Statement(i) : Bacteria cause diseases in human beings and birds and animals.

Statement (ii) : There is no place in the world without bacteria.

A. Statement (i) is true but (ii) is false.

B. Statement (i) is false but (ii) is true.

C. Both are true.

D. Both are false.

**Answer:**



**73.** Statement(i): Living things possess growth, breathing, excretion, giving birth, response to stimulus etc. Statement (ii) : Non living things do not possess above characters.

- A. Statement (i) is true but (ii) is false.
- B. Statement (i) is false but (ii) is true.
- C. Both are true.
- D. Both are false.

**Answer:**



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**74.** Among the following which one responds to light.

A. viruses

B. bacteria

C. algae

D. fungi



**Answer:**



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**75.** In the below picture, what do you observe about the living things nature.

- A. They give birth to young ones
- B. They breath
- C. They get rid of waste.
- D. all the above

**Answer:**



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