

BIOLOGY REVISION FOR SENIOR I

1. a) What is biology?
b) What are the two Greek words from which the word Biology comes from?
2. Like a tree, Biology is divided into various branches. Name and explain at least 10 of them.
3. Biology is one of the subjects taught in secondary schools. Is there any importance of studying biology? Give seven reasons that can explain your answer.
4. a) Teta is confused about living things and non-living things. How can you help her to distinguish them?
b) Justify why a motor vehicle moves but it is not living.
5. a) Some biology lessons are conducted in a **Laboratory**. What is a laboratory?
b) State some laboratory safety rules and regulations.
6. a) A snake bites your classmate. What should you do for him/her?
b) What is the cause of nose bleeding?
c) What can you do in case of nose bleeding?
d) Why do you think farmers wear gumboots while in the farm?
7. There is a wide variety of organisms living in their natural environments on earth. This great variety of living organisms reflects biodiversity of organisms. Due to this great diversity, it is not easy to identify and study all living organisms individually unless they are classified.
 - a) What is classification?
 - b) Name the following:
 - i) The science of classification of organisms.
 - ii) Scientists who study classification.
 - iii) The various units of classification of organisms.
 - iv) The order in which the various units of classification are arranged starting from the highest to the lowest.
 - c) Discuss about the importance of classification.
8. Arrange the following classification units in an ascending order:
Genus, family, order, phylum, kingdom, class, species.
9. a) State the five kingdoms of the living world.
b) In which kingdom the following organisms are classified:
Mushroom, bacteria, amoeba, cat, man
10. Match each animal's common name with its scientific name. To help you, here are some Latin words translated into English:
Mel= honey
Taurus=bull
Terra=earth
Sapiens=wise

Common name	scientific name
1. Earthworm	A. <i>Homo sapiens</i>
2. Honeybee	B. <i>Bos taurus</i>
3. Rhinoceros	C. <i>Panthera leo</i>
4. Cow	D. <i>Apis mellifera</i>
5. Hippopotamus	E. <i>Diceros bicornis</i>
6. Lion	F. <i>Lumbricus terrestris</i>
7. Human	G. <i>Hippopotamus amphibius</i>

11. The following are some harmful bacteria. Complete the table by showing diseases caused by those bacteria:

Bacteria	Disease caused
<i>Salmonella typhi</i>	
<i>Vibrio cholerae</i>	
<i>Bacillus anthracis</i>	
<i>Mycobacterium tuberculosis</i>	

12. State 3 diseases caused by protoctista.
 13. Using their characteristics compare animals and plants.
 14. Differentiate a **prokaryote** organism from an **eukaryote** organism.
 15. Discuss about economic importance of fungi.
 16. Draw a well-labeled diagram showing all parts of a plant.
 17. Draw a well-labeled diagram showing external parts of a leaf.

PLEASE STAY HOME TO PREVENT THE SPREAD OF CORONA VIRUS