



BIOLOGY

BOOKS - ICSE

BASIC BIOLOGY

Topic 1 1 Mark Questions

1. What does "Biology" means?



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2. Who is called the "Father of Biology"?



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3. is called the "Father of Medicine".



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4. Who is called as the "Father of Botany"?



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5. Cultivation of which crop was first introduced in India?



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6. Who are considered as the pioneers of an organized study of biology?



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Topic 2 1 Mark Questions

1. Palaeontology is the study of:

A. blood

B. fossils

C. insects

D. fish

Answer:



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2. Clones of animals are being produced through the practice of :

A. ecology

B. genetics

C. nuclear biology

D. biotechnology

Answer:



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3. Name the branch of science that dealing with management and analysis of biological information stored in databases.



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4. Name the branch of science dealing with the study of structure and function of animal and plant cell.



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5. What is the cultivation of silkworms for silk is called?



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6. What is the entire DNA sequence of an organ called?



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7. Bioengineering deals with making artificial



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Topic 2 2 Marks Questions

1. Name any two borderline sciences which are connected with Biology.



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2. Evolution deals with the study of and of organism.



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3. Name the following:

Organisms which draw food from the host body.



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4. Animals giving birth to young ones are



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5. What is the difference between eugenics and genetics?



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Topic 2 3 Marks Questions

1. What is Biology ? Name and define its three major branches.



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2. Name the respective sub-divisions of biology which deal with the study of insects, birds, fungi, algae, virus and heredity.



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3. Mention the kind of study made under the following branches of science :

Ecology



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4. Mention the kind of study made under the following branches of science :

Histology



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5. Mention the kind of study made under the following branch of science :

Pathology



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Topic 2 5 Marks Questions

1. Name the branches of biology:

Application of biological processes in technologies



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2. Name the branches of biology:

Science of growing fruits and vegetables



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3. Name the branches of biology:

Study of prehistoric forms of life



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4. Name the branches of biology:

Study of causes of immunity (resistance to or defence against diseases)



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5. Name the branches of biology:

Study of fishes.



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6. Distinguish between the pair of sciences:

Zoology and Entomology



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7. Distinguish between the pair of sciences:

Phycology and Mycology



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8. Distinguish between the following pairs of sciences:

Ichthyology and Pisciculture



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9. Distinguish between the pair of sciences:

Embryology and Immunology



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10. Distinguish between the pair of sciences:

Biotechnology and Bioinformatics



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Topic 3 1 Mark Questions

1. Name any two agents that spread germs.



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2. Biology has helped us to understand the inter dependence of and



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Topic 3 2 Mark Questions

1. Name some professions other than medicine which require a basic knowledge of biology.



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2. Name any two sources that are creating a problem of pollution.



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Topic 3 3 Marks Questions

1. How does Biology help us in leading a healthier life ?



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2. With the help of any three examples, explain how biology makes us conscious citizens



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Topic 3 5 Marks Questions

1. Do you think Biology can help in further increasing the yield of food ? If so, how?



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