

BIOLOGY IMPORTANT QUESTIONS...

UNIT.1

-LONG ANSWERS..

- 1.Explain the structure of Eukaryotic cell.
- 2.Define enzymes and give its classification.
- 3.Define carbohydrates and give its classification and functions.
- 4.Define protein and give its classification and functions.
- 5.Define vitamins and give its classification and functions.

SHORT ANSWERS.

- 1.Give the postulates of cell theory.
- 2.Write the characteristics of living organisms.
- 3.Explain 5 kingdom classification of basic classification.
- 4.Draw the diagram of prokaryotic cell and explain its parts.
- 5.Define lipids and its classification.

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BIOLOGY

UNIT.2

-SHORT ANSWERS

1. Define plant growth.
2. Write criteria for essentially of nutrition.
3. Write deficiency symptoms of essential elements.
4. Give the economic importants of microbes.
5. How to control the microbes bacteria, and fungi.
6. Explain photosynthesis and mention its equation.
7. Explain macro nutrients and micro nutrients and write the role of macro and micro nutrients.

LONG ANSWERS.

1. Explain nitrogen fixation in detail.
2. Explain photosynthesis and mention its equation.
3. Draw the Diagram of respiratory system and write about mechanism of breathing.
4. Explain digestive system with diagram.
5. Explain circulatory system with diagram.

BIOLOGY

UNIT.3

SHORT ANSWERS.

- 1.State the mendels law of segregation.
- 2.Write about the 3 stages of interface mitotic cell cycle.
- 3.Who propose the theory of Inheritance of acquired charecters.
- 4.Distinguish Homologous and Analogous organs.
- 5.Draw the diagram of central dogma.

LONG ANSWERS..

- 1.Explain cell division -mitosis and meiosis.
- 2.Explain Darwins theory of natural selection.
- 3.Give the evidence of from embryology.
- 4.Write about chromosome acid and draw the diagram of chromosome structure.
- 5.Explain the Griffith experiment of DNA (nucleic acid) as genetic material.
- 6.Explain modern synthetic theory of evolution.
- 7.Explain monohybrid cross of mendel.

BIOLOGY

UNIT.4

LONG ANSWERS..

- 1.Explain humoral and cell mediated immunity response.
- 2.What is cancer write about various causes , symptoms diagnosis and preventive measures.
- 3.What is influenza write its causes , symptoms and diagnosis and preventive measures.
- 4.Give the defination , causes, symptoms , treatment and preventive measures of aids.
- 5.Give the defination symptoms , treatment and preventive measures of hypertension.

SHORT ANSWERS.

- 1.Define immunization.
- 2.Write about various types of diabetes.
- 3.Differentiate innate and acquired immunity.
- 4.Give the preventive measures of hepatitis A&B.

BIOLOGY

UNIT.5

-SHORT ANSWERS

- 1.How do biofertilizers enrich the fertility of soil
- 2.Write short notes on transgenic plants & animals & its applications.
- 3.Define Cloning.
- 4.What is bioremediation.
- 5.Write about bio material.
- 6.Define Bioenergy.

LONG ANSWERS.

1. Explain the process of tissue engineering.
- 2.Write about stem cells.
- 3.Explain recombinant vaccines.
- 4.Describe the structure and construction of bio-reactor(or) fermentor with diagram

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