

MODEL PAPER - II (E/M)

GENERAL SCIENCE - II (Biological Science) - 20 T

CLASS : X

PART : A & B

MAX. MARKS : 40

TIME : 1. 35 Hrs

PART - A (MARKS : 30)
SECTION - I (3 x 2 = 6 MARKS)

👉 Attempt any Three questions.

1. What are the major stages in Digestion ?
 2. What are the observations by the Sugar Combustion experiment ?
 3. What is the root Pressure? How does it benefit the plant.
 4. Adequate water intake medications prescribed. why ?
 5. What is the meaning of Inheritance ?
 6. A Creeper entering its tendril to the support is not it ? How will you appreciate that ?
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SECTION - II (2 x 4 = 8 MARKS)

👉 Attempt any Two questions.

7. How many kind of natural Vegetative propagation. illustrate with example.
 8. Urine passes is controlled or un controlled ? Explain briefly.
 9. Name of the various hormones present in the plant and write down their uses.
 10. Draw and identify the parts of respiratory track in man.
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SECTION - III (2 X 8 = 16 MARKS)

👉 Attempt any Two questions.

11. Explain the photosynthesis in how many stages by the equation.
 12. What is a heart beat ? Explain.
 13. What is malnutrition ? write about the diseases that cause these ?
 14. Explain how sex determination occurs in humans ?
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PART - B (10 x 1 = 10 MARKS)

☞ Choose the correct answer in the following.

1. Which Place in gas exchange of plants ? ()

- A. Stomata
- B. Palisade Parenchyma
- C. Spongy tissue
- D. Middle Vein

2. How many ATP's shows when glucose Synthesizes Pyruvic acid ? ()

- A. 2 ATP
- B. 38 ATP
- C. 36 ATP
- D. 20 ATP

3. Which is the normal Blood pressure in man. ()

- A. 100/40
- B. 120/80
- C. 80/120
- D. 130/80

4. Major excretory substances of aquatic organisms. ()

- A. Urea
- B. Ammonia
- C. Uric acid
- D. None of these.

5. Hormone that helps fruits to mature. ()

- A. Axin
- B. Cyto kynine
- C. Ethylen
- D. Gibbarellin

6. Which gland is related to Diabetis millitus. ()

- A. Thyroid
- B. Adrinal
- C. Panereas
- D. Pitutory

7. The correct sequence to indicate the stages of the human life cycle. ()

- A. Infancy - child hood - Adolescence - old age
- B. Childhood - infancy - Adolescence - old age
- C. Infancy - Adolescence - childhood - old age
- D. None of these

8. What is the stage between two cell divisions. ()

- A. Metaphase
- B. Interphase
- C. Telophase
- D. Prophàse

9. The following has a non-germinating seed ? ()

- A. Maize
- B. Castor oil

C. Ground nut

D. Paddy

10. structure of DNA ...

()

A. Lodder

B. Steps

C. Long chain

D. Double Helix
