

BIOLOGY Class 9th Time: 20 Minutes Multiple Choice Questions 01 Mark for each	Marks: 12 Paper Code 1 2 3	Roll No. of the Student _____ Serial No. Of the Answer Book _____
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SECTION-A

Note:

- 1) Attempting all MCQs is compulsory. This paper along with the OMR sheet must be returned to the superintendent after due time.
- 2) Fill the circle (A)(B)(C)(D), which one is correct with blue or black ball point in separate OMR Sheet like
- 3) If more than one circle in the OMR sheet is filled then no credit will be given to such answer.

I.i. The basic cause of ulcers is :

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|--|---|---|--|
| <input type="radio"/> (A) Infection in colon wall located in abdomen | <input checked="" type="radio"/> (B) Destruction of the gut wall by hydrochloric acid | <input type="radio"/> (C) Cigarette smoking | <input type="radio"/> (D) Frequent use of spicy food |
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ii. The atria in the heart is present:

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| <input type="radio"/> (A) Below the ventricles | <input checked="" type="radio"/> (B) Above the ventricles | <input type="radio"/> (C) On the right side of ventricles | <input type="radio"/> (D) On the left side of ventricles |
|--|---|---|--|

iii. The rate of photosynthesis lowers down when :

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|--|---|---|---|
| <input type="radio"/> (A) CO ₂ falls down in vascular tissues | <input type="radio"/> (B) O ₂ falls down in vascular tissues | <input type="radio"/> (C) CO ₂ falls down in mesophyll tissues | <input checked="" type="radio"/> (D) O ₂ falls down in mesophyll tissues |
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iv. Which of the following is a product of calvin cycle?

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|------------------------------------|-----------------------------------|--|--|
| <input type="radio"/> (A) Fructose | <input type="radio"/> (B) Sucrose | <input type="radio"/> (C) Carbon dioxide | <input checked="" type="radio"/> (D) Glucose |
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v. Temporary enzyme-substrate complex is formed when:

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|---|--|---|--|
| <input type="radio"/> (A) Enzyme attaches with products | <input type="radio"/> (B) Enzyme attaches with active site | <input checked="" type="radio"/> (C) Enzyme attaches with substrate | <input type="radio"/> (D) Enzyme attaches with prosthetic groups |
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vi. During anaphase-II stage the centromere of each chromosome divide due to the pull exerted by :

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| <input type="radio"/> (A) Equatorial plate | <input type="radio"/> (B) Nuclear envelope | <input checked="" type="radio"/> (C) Spindle fibre | <input type="radio"/> (D) Sister chromatids |
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vii. In meiosis, synapse and crossing over are main events of:

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|---|---------------------------------------|--|--------------------------------------|
| <input checked="" type="radio"/> (A) Prophase-I | <input type="radio"/> (B) Metaphase-I | <input type="radio"/> (C) Metaphase-II | <input type="radio"/> (D) Anaphase-I |
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viii. A cell has ribosomes larger in size and nuclear material is surrounded by a bounded nucleus. This cell is an example of:

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| <input type="radio"/> (A) Bacteria | <input type="radio"/> (B) Cyanobacteria | <input type="radio"/> (C) Prokaryote | <input checked="" type="radio"/> (D) Eukaryote |
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ix. Xylem cells are tube like and have thick walls and are used for:

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| <input type="radio"/> (A) Conduction of food and support | <input checked="" type="radio"/> (B) Conduction of Water and support | <input type="radio"/> (C) Production of Proteins and support | <input type="radio"/> (D) Production of Fats and support |
|--|--|--|--|

x. The cell wall of yeast is made of:

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|---------------------------------------|----------------------------------|---|-------------------------------------|
| <input type="radio"/> (A) Chlorophyll | <input type="radio"/> (B) Murein | <input checked="" type="radio"/> (C) Chitin | <input type="radio"/> (D) Cellulose |
|---------------------------------------|----------------------------------|---|-------------------------------------|

xi. In scientific method, experiments are conducted to prove or disprove:

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|---------------------------------------|---|--|--------------------------------------|
| <input type="radio"/> (A) Observation | <input checked="" type="radio"/> (B) Hypothesis | <input type="radio"/> (C) Biological problem | <input type="radio"/> (D) Conclusion |
|---------------------------------------|---|--|--------------------------------------|

xii. The study of classification and naming organisms is called:

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|--------------------------------------|---|---|--------------------------------------|
| <input type="radio"/> (A) Physiology | <input checked="" type="radio"/> (B) Taxonomy | <input type="radio"/> (C) Socio-Biology | <input type="radio"/> (D) Morphology |
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