

# Step Academy Official

Student Name _____	Roll Num _____	Class Name <b>NEW 9TH</b>	Paper Code _____
Subject Name <b>BIOLOGY</b>	Time Allowed <b>50 MINUTES</b>	Total Marks <b>30</b>	Exam Date _____
Exam Syllabus <b>CHAP 10</b>			

## Q1. Choose the correct answer.

1X6=6

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|-------------------------------------------------------------------------------------------------------|----------------------------|------------------|--------------|-------------------------|
| 1. Embryo sac is formed inside;                                                                       | (A) Filament               | (B) Anther       | (C) Style    | (D) Ovule               |
| 2. A corm develops into new garlic plant. This process of reproduction is called:                     | (A) Vegetative propagation | (B) Regeneration | (C) Meiosis  | (D) Gametogenesis       |
| 3. Almond, plum, cherries etc. are reproduced by:                                                     | (A) Cutting                | (B) Suckers      | (C) Grafting | (D) Corm                |
| 4. Female reproductive part of a flower is called:                                                    | (A) Androecium             | (B) Gynoecium    | (C) Calyx    | (D) Corolla             |
| 5. The second whorl of a flower is:                                                                   | (A) Androecium             | (B) Corolla      | (C) Calyx    | (D) Gynoecium           |
| 6. Which of the following part of the plant has been changed and adapted for the job of reproduction? | (A) Flower                 | (B) Leaf         | (C) Root     | (D) Meristematic tissue |

## Q2. Write short answers of the following questions.

2X7=14

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|--------------------------------------------------------------------|------------------------------------------------------------------|
| I . Write a short note on budding in yeast .                       | II . Describe how vegetative propagation occurs through runners. |
| III . Label the given diagram of flower.                           | IV . Differentiate between sexual and asexual reproduction?      |
| V . How plants reproduce by suckers? Give example.                 | VI . What is rhizome? Give example.                              |
| VII . How plants propagate vegetatively by grafting? Give example. |                                                                  |

## Q3. Write detailed answers of the following questions.

5X2=10

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| 1. Explain the process of binary fission in bacteria and describe how it leads to the formation of two daughter bacteria. | 2. How does the pollen tube facilitate the process of fertilization in flowering plants? |
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