

# Step Academy Official

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

**Q1. Choose the correct answer.**

**1X6=6**

1. Embryo sac is formed inside;
 

(A) Filament	(B) Anther	(C) Style	(D) Ovule
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2. A corm develops into new garlic plant. This process of reproduction is called:
 

(A) Vegetative propagation	(B) Regeneration	(C) Meiosis	(D) Gametogenesis
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3. Almond, plum, cherries etc. are reproduced by:
 

(A) Cutting	(B) Suckers	(C) Grafting	(D) Corm
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4. Female reproductive part of a flower is called:
 

(A) Androecium	(B) Gynoecium	(C) Calyx	(D) Corolla
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5. The second whorl of a flower is:
 

(A) Androecium	(B) Corolla	(C) Calyx	(D) Gynoecium
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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
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**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**

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?