



# BIOLOGY

## BOOKS - SUPER COMPANION 5 IN 1

### ORGANISMS AND POPULATIONS

**One Mark And Question And Answer**

**1. Define mortality?**



**Watch Video Solution**

2. What are the stenothermal organisms ?



[Watch Video Solution](#)

3. What is predation?



[Watch Video Solution](#)

4. What is the parasitism ?



[Watch Video Solution](#)

5. What is the mutualism (Symbiosis) ?



[Watch Video Solution](#)

6. What is the Commensalism?



[Watch Video Solution](#)

7. What is Amensalism ?



[Watch Video Solution](#)

**8. What is the competition ?**



**Watch Video Solution**

**9. What is Natality ?**



**Watch Video Solution**

**10. Define mortality?**



**Watch Video Solution**

**11.** What is the immigration?



**Watch Video Solution**

**12.** What is the emigration?



**Watch Video Solution**

**13.** Small animals are rarely found in Polar regions .Why?



**Watch Video Solution**

14. Describe habitat and ecological niche,



[Watch Video Solution](#)

## Two Mark Question And Answers

1. Give two examples each of short day plants and long day plants.



[Watch Video Solution](#)

2. Describe habitat and ecological niche,



**Watch Video Solution**

3. Write the four characteristics of biotic community .



**Watch Video Solution**

4. What are phenotypic adaptations ?



**Watch Video Solution**

5. Mention two causes for rapid growth of human population .



**Watch Video Solution**

6. Distinguish between eurythermal and stenothermal organisms with two examples for each .



**Watch Video Solution**



7. Distinguish between eurythermal organisms and stenohaline organisms?



[Watch Video Solution](#)

8. Distinguish between population and community.



[Watch Video Solution](#)

9. Distinguish between sciophytes and heliophytes ?



[Watch Video Solution](#)

**10.** What are homologous organs ? Give an example for homologous organs in plants?



[Watch Video Solution](#)

**11.** Differentiate between Gross primary productivity and Net primary productivity



[Watch Video Solution](#)

## Three Marks Question With Answers

1. List various adaptations in animals.



[Watch Video Solution](#)

2. Write short notes on :

1. Mutualism 2. Competition 3. Predation



[Watch Video Solution](#)

3. Describe population growth .

Explain the equation of population density.



[Watch Video Solution](#)

4. What are polindromic sequences? Dicusss the mechainism of action of restriction endosucleases with a schematic representation.



[Watch Video Solution](#)

## Five Mark Question And Answer

1. What are adaptations ? Discuss any four adaptations found in plants and animals.



[Watch Video Solution](#)

2. Explain the effects to temperature in plants and animals ?



[Watch Video Solution](#)

3. Explain the effects of light and soil on vegetation?



[Watch Video Solution](#)

4. a) Explain how Mediterranean orchid adapted achieve pollination.

b) Describe the importance of predators in an ecosystem .

c) What is the Gause's 'competitive exclusion principle'?



[Watch Video Solution](#)

5. Define and discuss the following terms : a) Mutualism b) Competition.



[Watch Video Solution](#)

6. a) What is the biome ? Mention any two biomes of India .

b) Compare eurythermal and stenothermal animals with suitable examples.

c) What is altitude sickness?



 [Watch Video Solution](#)