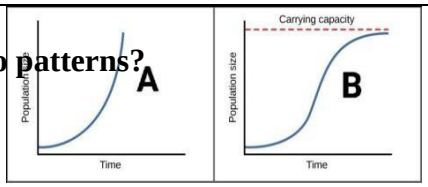
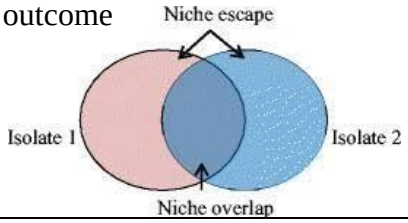
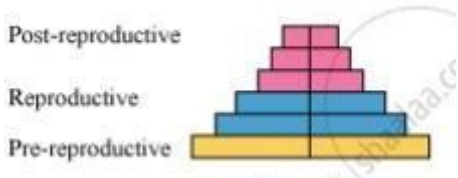
Q.No.	BCM SCHOOL BASANT AVENUE, DUGRI ROAD LUDHIANA XII BIO ASSIGNMENT CH- ORGANISMS AND POPULATIONS .
1	Which one of the following is an example of a commensalism relationship? A. Cuckoo laying eggs in crow's nest B. Sea anemone and clown fish C. Tick on dog D. Lichen formation
2	In a population growing in a habitat with limited resources, the growth pattern eventually becomes: A. Exponential B. Declining C. Logistic D. Linear
3	Which of the following is not a feature of a population? A. Birth rate B. Death rate C. Age pyramid D. Organism's organ system
4 ,5	Assertion (A): Some organisms suspend their metabolic activities under adverse conditions. Reason (R): This is a strategy to survive extreme environmental stress. Assertion (A): Logistic growth curve is S-shaped. Reason (R): Logistic growth occurs when resources are unlimited.
6	Identify the type of growth shown in each curve A and B. What key environmental factor di**fferentiates these two patterns?** 
7	How do desert plants adapt to high temperatures and scarcity of water?
8	What does the overlapping area represent? What ecological outcome might follow if overlap persists? 
9	What type of population growth is represented in the given figure? Justify your answer based on pyramid shape. (2)  What does the bell-shaped age pyramid indicate about birth and death rates? (1)
10	Q10. Read the passage below and answer the questions that follow: "A scientist is studying the growth of a population of deer in a protected forest area. Initially, the population grows rapidly. After a few years, the growth slows and then levels off." Name the type of population growth shown in this scenario. (1 mark) Draw and label the graph for this growth pattern. (2 marks) Explain the significance of the plateau phase in the graph. (2 marks)