

**PART B**  
**FUNDAMENTALS OF ECOLOGY ( ZOU 2265 )**  
**O.B.T - 2006 / 2007**

**REGISTRATION NUMBER :** -----

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2.1 Explain what you understand by the term "Growth" of a closed population.

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2.2 How do you describe the pattern of growth seen in a population having overlapping generations, if the resources are unlimited ?

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2.3 Explain the changes that you would expect, in the growth of a population with overlapping generations if exposed to an environment with limited resources.

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2.4 Describe the pattern of growth curve that you will obtain for the population under the conditions stated in question no. 2.3.

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2.5 State the growth model that matches with the growth pattern indicated in question no.2.4 .

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2.6 Indicate the impact of "Environmental resistance" in reaching the carrying capacity of a population.

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2.7 What can you predict about the growth of a population at its carrying capacity ?

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2.8 State the factors affecting population regulation at carrying capacity in nature.

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