

**PART B**  
**FUNDAMENTALS OF ECOLOGY ( ZOU 2265 )**  
**NO BOOK TEST - 2007 / 2008**

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

2. Questions from 2.1 - 2.8 are based on the energy flow through a forest ecosystem.

2.1 Explain what you understand by “primary productivity” of a forest ecosystem.

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2.2 Give two factors that determine the primary productivity in a forest.

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2.3 State the difference between Net Primary Productivity (NPP) and secondary productivity of this ecosystem.

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2.4 Explain the relationship between Net Primary Productivity and plant biomass.

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2.5 List three methods by which the primary productivity of the forest ecosystem can be estimated.

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2.6 Explain the role of decomposers in the ecosystem.

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2.7 Suggest what changes could be expected if the decomposers of the forest ecosystem died due to a sudden temperature change.

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2.8 Give two factors that govern the stability of the forest ecosystem.

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