

**+3-I-Sem**  
**Bot (GE)- I**

**2017**

*Full Marks : 50*

*Time : 2  $\frac{1}{2}$  hours*

**Answer any five questions.**

*The questions are of equal value*

*Give labelled diagrams wherever necessary.*

1. Give an account of conjugation and transduction of bacteria.
2. Describe the process of reproduction in *Fucus*.
3. Give the diagrammatic representation of life cycle of *Puccinia*.
4. Write notes on any *two* :
  - (a) Unifying features of archegoniates
  - (b) Transition to land habit
  - (c) Alteration of generations.

( Turn Over )

( 2 )

5. Give an account of reproduction of marchantia.
6. Give an account of fossil pteridophytes studied by you.
7. Describe the anatomical features of stem and needle of pinus.
8. Write notes on any *two* :
  - (a) *Cycas* ovule
  - (b) Structure of T- phage
  - (c) Economic importance of *Algae*.

\_\_\_\_\_

https://www.odishastudy.com

Whatsapp @ 9300930012

Send your old paper & get 10/-

अपने पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से

+3-I-Sem. Bot (GE)- I

**R.S-3000**