| This question paper contains 3 printed pages.]        |
|---|
| Your Roll No  |
| 1297 A  |
| B.Sc. (Hons.)/I                                       |
| BOTANY—Paper II                                       |
| (Micro-biology, Mycology, Phytopathology and Lichens) |
| (Admission of 2004 and onwards)                       |
| Time: 3 Hours Maximum Marks: 38                       |
| (Write your Roll No. on the top immediately           |
| on receipt of this question paper.)                   |
| Attempt seven questions in all.                       |
| Q. No. 1 is compulsory.                               |
| 1. (a) Fill in the blanks:                            |
| (i) Heterocious rust requires                         |
| (ii) Fungi usually store reserve food material in the |
| form of   |
| (iii) Penicillium was discovered by                   |
| (iv) Yellow rust is caused by                         |
| (v) The sexual fruiting body of Neurospora is         |
| (vi) Fungus responsible for causing Irish famine      |
| is 3  |
| (b) Define the following with examples:               |
| (i) Endospore (ii) Satellite Virus                    |
| (iii) Isidia.   |
| (PTC)   |

| 8. | Fill in the blanks:                       | ٠, |
|----|---|----|
|    | (i) The largest bacterium is              |    |
|    | (ii) An enclosed ascocarp without ostiole | is |
|    | called                                    |    |
|    | (iii) Coenocytic mycelium is seen in      |    |
|    | (iv) 'Reindeer moss' is common name of    |    |
|    | (v) Multicellular conidia are found in    | 5  |