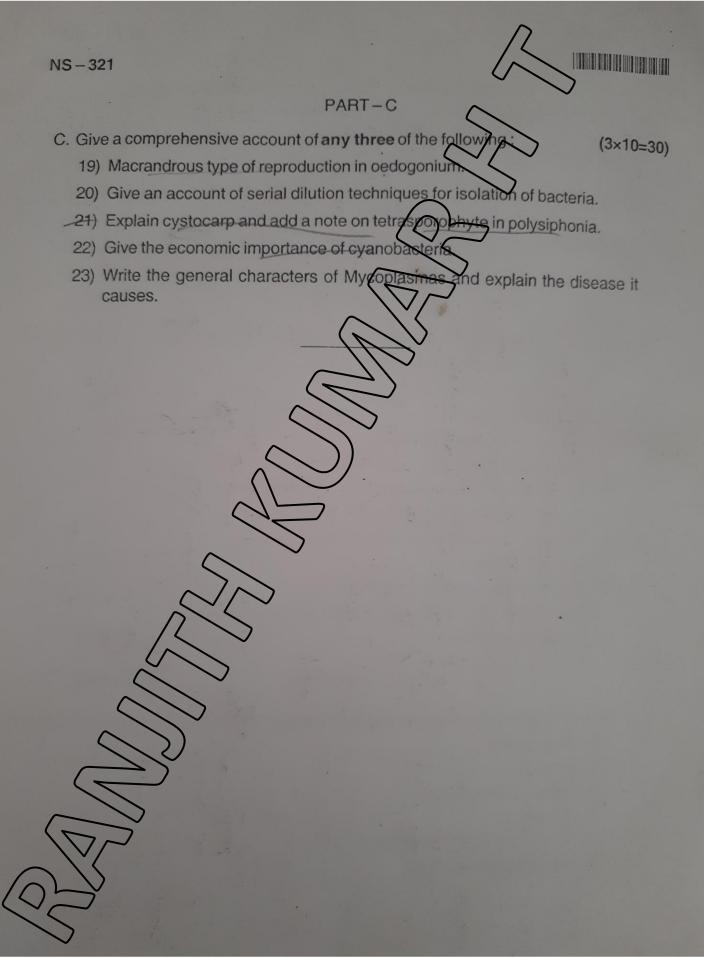


RANJITH KUMAR H T, ASST. PROFESSOR IN BOTANY, B.G.S SCIENCE ACADEMY, CHIKKABALLAPURA



#### 61128

#### First Semester B.Sc. Degree Examination, December 2018

(CBCS Scheme – Freshers and Repeaters – 2014-15 and onwards)

#### Botany

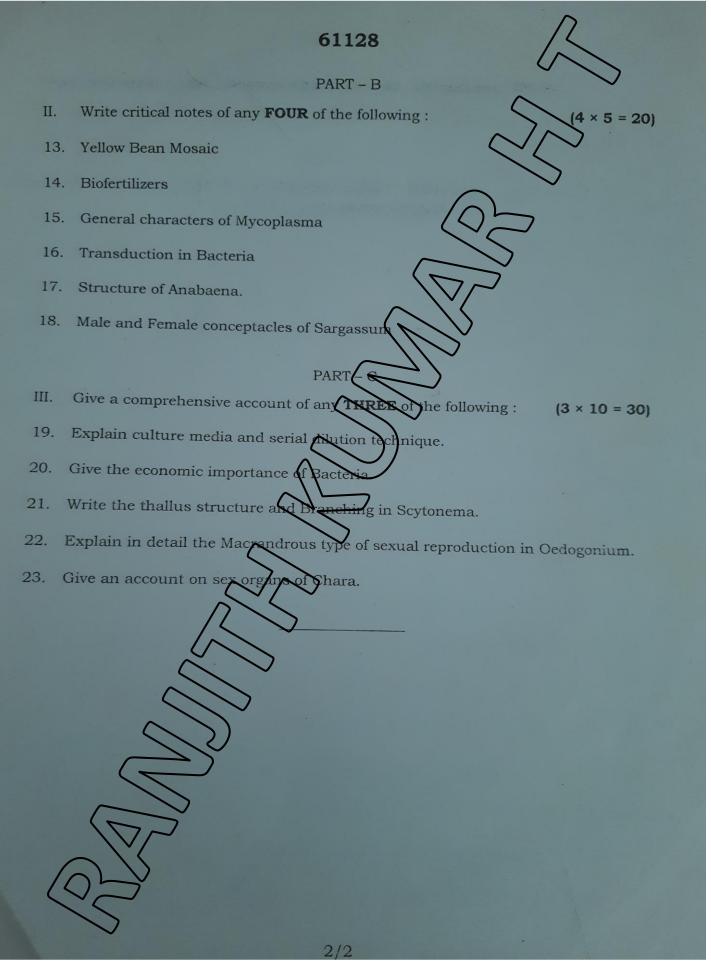
Paper I – INTRODUCTION TO MICROBIOLOGY, VIRUSES, BACTERIA, CYANOBACTERIA AND PHYCOLOGY

[Max. Marks: 70

Time : 3 Hours]

Instructions to Candidates :

- 1) Answer all Parts.
- 2) Draw diagrams and write examples wherever viecessary.
- I. Define/Explain any **TEN** of the following in two or three sentences :  $(10 \times 2 = 20)$
- 1. Mention the contributions of Robert Ko
- 2. What are Prions?
- 3. Write any two control measures of viral diseases.
- 4. What are Mesosomes
- 5. Differentiate between Autotrophs and Chemotrophs.
- 6. What is Binary Fission?
- 7. Define SCP.
- 8. Name any two plyments in Cyanophyceae.
- 9. What is Heteroyyst?
- 10. What are Algal blooms?
- 11. Deterniate between Isogamy and Anisogamy.
  - rawa neat labelled diagram of Chlamydomonas.



RANJITH KUMAR H T, ASST. PROFESSOR IN BOTANY, B.G.S SCIENCE ACADEMY, CHIKKABALLAPURA