



RAN - 2103000206021102

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**B. Sc. (Sem. - VI) Examination April - 2023**

**Bioscience (Microbiology)**

**BS - 602 : Clinical Microbiology**

**Time: 2 Hours ]**

**[ Total Marks: 50**

**સૂચના : / Instructions**

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the details of signs on your answer book

Name of the Examination:

B. Sc. (Sem. - VI)

Name of the Subject :

Bioscience (Microbiology) BS - 602 : Clinical Microbiology

Subject Code No.: 2103000206021102

Seat No.:

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Student's Signature

- (2) Figures to the right indicate full marks of the question.  
(3) Draw neat and labeled diagrams whenever necessary.

**Q. 1. Give Specific answers.**

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1. What is harborage transmission?
2. Enlist the biochemical media.
3. Give the full form of IMViC test.
4. What is API-20E system?
5. Explain: Agar ditch method.
6. What are the two types of RIA?

**Q. 2.** Describe in detail collection, aseptic handling, transport and microbiological examination of Pus sample.

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**OR**

**Q. 2. (a)** Write a detail note on Indirect ELISA.

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(b) Write a note on Biochemical media

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**[ 1 ]**

**[ P.T.O. ]**

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**Q. 3. Answer the question: (Any Two) 14**

- (a) Describe about the patterns of Infectious diseases.
- (b) Define: Chemotherapeutic agent. Describe briefly mode of action of drug.
- (c) Explain in brief Micro dilution method for MIC.

**Q. 4. Write short notes: (Any Two) 10**

- 1. Western blot technique.
  - 2. Epidemiology.
  - 3. Agar well diffusion method.
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