



RAN - 2103000205021056

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T. Y. B. Sc. (Sem. - V) Examination March - 2023

Bioscience (Microbiology)

BS - 506 : Haematology and Blood Banking

[Total Marks: 50

सूचना : / Instructions

(1)

नीचे दृश्यावलोकन निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T. Y. B. Sc. (Sem. - V)

Name of the Subject :

Bioscience (Microbiology) BS - 506 : Haematology and Blood Banking

Subject Code No.: 2103000205021056

Seat No.:

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Student's Signature

- (2) Figures to the right indicate full marks.
(3) Draw neat & clean diagram wherever necessary.

Q. 1 Answer in brief:

12

1. What is washed RBC suspension.
2. Explain: Polychromatic stain.
3. Give the full form of CPDA, HDN.
4. Describe in brief blood collection tube.
5. Enlist the various anticoagulants.
6. What is reverse blood grouping?

Q. 2 Write a detailed account on blood collection pack, preservatives and blood taping for transfusion.

14

OR

Q. 2 Define hemoglobinopathies. Describe in brief SCA & Thalassemia.

14

Q.3 **Answer any two of the followings.** **14**

1. Write a detailed account ABO grouping & Rh typing.
2. Describe in brief erythropoiesis.
3. Write a note on - Serological screening of donor.

Q.4 **Write short note on Any Two.** **10**

1. Hematopoietic system of the body.
 2. Blood donor.
 3. Determination of PCV.
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