



AB-3193

Third Year B. Sc. (Sem. V) (CBCS) Examination

March / April – 2015

MT - 14 : Haematology

(New Course)

Time : Hours]

[Total Marks : 50

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवाडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="Third Year B.Sc. (Sem. 5) (CBCS)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="MT - 14 : HAEMATOLOGY (NEW)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="1"/> <input type="text" value="9"/> <input type="text" value="3"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	<input type="text"/>
	Student's Signature

(2) Draw a neat labelled diagram where necessary.

(3) Figures to the **right** indicate full marks of the question.

1 Answer the following :

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- (1) State the Principle and advantages of Cyanmethaemoglobin method.
- (2) Give the reasons for abnormal Staining of Peripheral Blood Smear.
- (3) Explain R form and T form of Haemoglobin.
- (4) What is PAS ? Give it Significance.

2 Answer any **two** of the following :

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- (1) Discribe the synthesis of Haemoglobin and Explain in detail variants of Normal Haemoglobin.
- (2) Differentiate between arterial and venous blood Composition and Describe the Procedure for venous blood collection and its applications.
- (3) Enlist different stages of Normal Haematopoiesis and explain the process of Thrombopoiesis in detail.

- 3** Explain any **one** of the following : **14**
- (1) Megaloblastic Anaemia.
 - (2) Chronic Myeloid Leukaemia is a Myeloproliferative disorder.
- 4** Discuss any **two** of the following : **14**
- (1) Blood indices and its significance
 - (2) Neutrophilia and Eosinophilia
 - (3) ESR Vs. PCV.
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