

**T.Y.B.SC. SEM – V (2014 Course) : WINTER - 2018**  
**SUBJECT: CLINICAL PATHOLOGY (MB-52)**

Day : Wednesday  
Date : 10/10/2018

**W-2018-0831**

Time : 12.00 NOON TO 02.00 PM  
Max. Marks : 40

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) All questions carry **EQUAL** marks.
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**Q.1** Answer any **TWO** of the following: **(10)**

- a) Discuss cytology of Basophils.
- b) What is LDL cholesterol? Explain its clinical relevance.
- c) Differentiate between conjugate and unconjugate bilirubin.

**Q.2** Attempt any **TWO** of the following: **(10)**

- a) Describe ABO Blood grouping system.
- b) Explain the role of Glomerulus in the formation of urine.
- c) Describe 'Intrinsic pathway' for blood coagulation.

**Q.3** Write short notes on any **TWO** of the following: **(10)**

- a) Composition of cerebrospinal fluid.
- b) Urea clearance test.
- c) SGPT.

**Q.4** Answer any **FIVE** of the following: **(10)**

- a) Enlist anticoagulants used as therapeutic agents.
- b) Mention clinical significance of 'Docosahexaenoic acid.'
- c) What is clinical relevance of hypoglycemic CSF?
- d) What is intrahepatic cholestasis?
- e) Mention types of cells involved in the formation of urine in distal tubule.
- f) Which test is used for diagnosis of HDN.
- g) Which of the platelet factors augment formation of 'platelet plug'?

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