

T.Y.B.SC. SEM – V (2014 COURSE) : WINTER - 2017

SUBJECT: MICROBIOLOGY: CLINICAL PATHOLOGY (MB-52)

Day : Wednesday
Date : 25/10/2017

Time: 3:00 P.M. TO 5:00 P.M.
Max. Marks: 40

W-2017-0646

N. B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

Q.1 Attempt **ANY TWO** of the following : (10)

- a) Discuss the cytology of Eosinophil.
- b) Define the term 'Haemostasis' and explain the formation of platelet plug.
- c) Explain the process of formation of cerebrospinal fluid.

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

- a) Draw a neat labeled diagram of 'Nephron' and mention the 'Starling forces'.
- b) Describe 'ABO blood grouping system'.
- c) Discuss 'Obstructive jaundice'.

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

- a) S.G.P.T.
- b) Creatinine Clearance Test
- c) Clinical significance of 'Docosahexaenoic acid'

Q.4 Attempt **ANY FIVE** of the following : (10)

- a) What is warfarin? Give its significance.
- b) Enlist plasma electrolytes and mention the significance of any one plasma electrolyte.
- c) Give the significance of protein examination in CSF.
- d) Enlist the types of blood banks.
- e) Mention the significance of 'HDL cholesterol'.
- f) Give any two functions of hemoglobin.
- g) Enlist the causes of 'Hepatocellular jaundice'.

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