

D. M. L. T. : SUMMER - 2018

SUBJECT: PATHOLOGY

Day : **Saturday**
Date : **02/06/2018**

S-2018-3491

Time: **2.00 P.M. TO 5.00 P.M**
Max. Marks: 100.

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Both the sections should be written in **SEPARATE** answer books.
 - 3) Figures to the **RIGHT** indicate full marks.
 - 4) Draw neat and labeled diagrams **WHEREVER** necessary.
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SECTION-I

- Q.1** Enumerate the different types of microtome. Describe the process of block making. (15)
Add a note on care of microtome.
- Q.2** Write in detail about Semen Analysis. (15)
- Q.3** Write short notes on any **FOUR** of the following: (20)
- a) Cytological fixatives
 - b) Museum techniques
 - c) PAS stain
 - d) C.S.F. examination
 - e) Lab investigations of myocardial infarction.

SECTION-II

- Q.4** Classify anaemias. Discuss lab investigations in a case of megaloblastic anaemia. (15)
- Q.5** Enumerate criteria for selection of a blood donor. Discuss how to investigate a suspected case of blood transfusion reaction. (15)
- Q.6** Write short notes on any **FOUR** of the following: (20)
- a) Lobar Pneumonia
 - b) Sickling test
 - c) Direct Coomb's test
 - d) ESR
 - e) Safety precautions while working in a pathology laboratory.

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