

M.D. (PATHOLOGY) : SUMMER - 2018
SUBJECT: PAPER – III: CLINICAL PATHOLOGY, CHEMICAL PATHOLOGY &
CLINICAL MICROBIOLOGY WITH RECENT ADVANCES

Day: **Wednesday**
Date: **06/06/2018**

S-2018-3389

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

N.B.:

- 1) **Q. No. 1 and Q. No. 2 are COMPULSORY.**
 - 2) Attempt any **SEVEN** from **Q. No. 3 to Q. No. 10.**
 - 3) Figures to the right indicate **FULL** marks.
 - 4) Draw neat labelled diagrams **WHEREVER** necessary.
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- Q.1** Describe in detail the principles, techniques and clinical applications of flow cytometry. (15)
- Q.2** Classify proteinuria. Discuss the role of protein electrophoresis in disease. Write a note on microalbuminuria. (15)
- Q.3** Discuss Bethesda system for reporting of thyroid cytology. (10)
- Q.4** Classify Diabetes mellitus and discuss the role of the laboratory in the management of this disorder. (10)
- Q.5** Describe liquid based cytology. (10)
- Q.6** Discuss cardiac markers in IHD. (10)
- Q.7** Describe the role of serological markers in Hepatitis B. (10)
- Q.8** Discuss the role of guided FNAC in intra- abdominal masses. (10)
- Q.9** Describe squash cytology in the diagnosis of CNS tumors. (10)
- Q.10** Discuss the role of the laboratory in the diagnosis of tuberculosis with special emphasis on recent techniques. (10)

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