

**M.D. (PATHOLOGY) : SUMMER - 2018**

**SUBJECT: PAPER – I: GENERAL PATHOLOGY WITH RECENT ADVANCES**

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

**S-2018-3387**

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

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**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** What are the components of acute inflammation? Describe the mechanism of phagocytosis and cellular killing. **(15)**
- Q.2** Discuss the pathogenesis of AIDS with a note on various opportunistic infections and AIDS associated tumors. **(15)**
- Q.3** Discuss recent advances in Multiple Organ Dysfunction Syndrome. **(10)**
- Q.4** Classify embolism. Describe the spectrum of changes seen in pulmonary embolism. **(10)**
- Q.5** Discuss the metabolism of ethanol in the body and its adverse effects. **(10)**
- Q.6** Describe quantitative chromosomal abnormalities. **(10)**
- Q.7** Discuss the recent concepts of carcinogenesis with emphasis on its genetic basis. **(10)**
- Q.8** Discuss the pathology of Type III Hypersensitivity disorders. **(10)**
- Q.9** Describe the pathological features of Syphilis. **(10)**
- Q.10** Discuss angiogenesis. **(10)**

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