

D.C.P. : SUMMER - 2018

**SUBJECT: PAPER – II: HAEMATOLOGY, BLOOD TRANSFUSION &
IMMUNOLOGY**

Day: **Monday**
Date: **04/06/2018**

S-2018-3463

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** questions from **Q. 3 to Q. No. 10.**
 - 3) Figures to the right indicate **FULL** marks.
 - 4) Draw neat and labeled diagrams **WHEREVER** necessary.
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- Q.1** Classify anemia. Describe in detail laboratory diagnostic tests for differential diagnosis of microcytic hypochromic anemia. **(15)**
- Q.2** Write in detail pathogenesis and laboratory investigations of DIC. **(15)**
- Q.3** Write a note on hypersensitivity reaction type IV. **(10)**
- Q.4** Describe various blood group systems and their importance in clinical practice. **(10)**
- Q.5** Describe laboratory diagnosis of multiple myeloma. **(10)**
- Q.6** Describe non- immune transfusion reactions. **(10)**
- Q.7** Write a note on hemoglobin electrophoresis. **(10)**
- Q.8** Write a note on chronic myeloproliferative disorders. **(10)**
- Q.9** Enumerate causes of pancytopenia. Describe its laboratory diagnosis. **(10)**
- Q.10** Write a note on reticulocyte count. **(10)**

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