

D.C.P. : WINTER - 2018
**SUBJECT: PAPER – II: HAEMATOLOGY, BLOOD TRANSFUSION &
IMMUNOLOGY**

Day: Monday
Date: 03/12/2018

W-2018-3607

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 | Enumerate the causes of macrocytic anemia and describe in detail laboratory diagnosis of pernicious anemia. | (15) |
| Q.2 | Classify bleeding disorders. Describe screening tests for bleeding disorders. | (15) |
| Q.3 | Write a note on hypersensitivity reaction type I. | (10) |
| Q.4 | Write a note on transfusion transmitted diseases. | (10) |
| Q.5 | Describe laboratory diagnosis of AIDS. | (10) |
| Q.6 | Write a note on storage of blood. | (10) |
| Q.7 | Describe in brief pathogenesis of alpha thalassemia. | (10) |
| Q.8 | Describe role of flow cytometry in acute leukemias. | (10) |
| Q.9 | Write a note on Automated cell counters. | (10) |
| Q.10 | Write a note on CLL. | (10) |

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