

Total No. of Questions : 6]

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[3858] - 3
D.M.L.T.
PATHOLOGY
(Paper - III)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*

Q1) Describe types of microtomes & microtome knives. Add a note on knife sharpening. **[15]**

Q2) Define anemia. Classify them. Describe investigations to confirm the diagnosis of iron deficiency anemia. **[15]**

Q3) Describe physical & chemical examination of urine. **[15]**

Q4) Enumerate criteria for selection of a blood donor & enumerate indications for blood transfusion. **[15]**

Q5) Write short notes on any four. **[20]**

- a) Frozen section
- b) Formalin
- c) Methods of blood grouping
- d) P.A.S. staining
- e) Transfusion transmitted diseases

Q6) Write short notes on any four: **[20]**

- a) Sickling test
- b) Coombs test
- c) Reticulocyte count
- d) E.S.R.
- e) Semen analysis

