

B. N. Bandodkar College of Science, Thane
BNBUSZO502/02/2022

Time: 3 Hrs.

Marks: 100

Please check whether you have got the right question paper.

- N.B:** 1. All questions are compulsory and carry equal marks.
2. Figures to the right indicate full marks.
3. Draw neat and labelled diagrams wherever necessary.
4. Answer the questions in proper order.

- Q. 1 Describe Any Two of the following:** (20)
a) Mechanism of blood clotting and diseases linked with it.
b) Development and maturation of R.B.C's
c) Abnormalities of haemoglobin
- Q. 2 Explain Any Two of the following:** (20)
a) Microscopic study of myeloma and lymphoma
b) Haemoglobinopathies
c) Different kidney function tests
- Q. 3 Give an account on Any Two of the following:** (20)
a) Components of innate immunity
b) Types of dendritic cells
c) Thymus gland
- Q. 4 Describe Any Two of the following:** (20)
a) Precipitation reaction
b) Routes of vaccine administration
c) Immunologic basis of graft rejection
- Q. 5 Write short notes on: (Any Four)** (20)
a) Composition of blood
b) Purpura
c) Second line of defence in immunity
d) Live attenuated vaccines and whole-killed vaccine
e) Alkaline Phosphatase
f) Passive agglutination
