

61518

V Semester B.Sc. Examination, March/April 2022
(CBCS Scheme)
GENETICS – VI

Basic Human Genetics

Time : 3 Hours

Max. Marks : 70

Instruction : Draw diagrams *wherever* necessary.

PART – A

I. Answer **any five** of the following.

(5×3=15)

- 1) What is TDF ?
- 2) Write the features of paris nomenclature.
- 3) Explain X-linked agammaglobulinaemia.
- 4) What are C-oncogenes ?
- 5) What is immunization ?
- 6) Mention the finger tip patterns.
- 7) Define Euphenics.



PART – B

II. Answer **any five** of the following.

(5×5=25)

- 8) Explain the inheritance of phenyl-ketonuria.
- 9) Describe FACS with a diagram.
- 10) Differentiate Benign and Malignant tumors.
- 11) Write a note on humoral and cell mediated immune response.
- 12) Explain transplantation.
- 13) What are the advantages and limitations of dermatoglyphics ?
- 14) Write a note on cord blood banking.

P.T.O.