

(4)

7. Write notes on following : 11

Write notes on following :

(i) CLUSTAL W

Cluster analysis

(ii) Phylogenetic analysis

Phylogenetic analysis

Unit-IV/First Paper

8. Describe the principle underlying chromatography. Elaborate ion exchange and gel filtration chromatography. 12

Describe the principle underlying chromatography. Elaborate ion exchange and gel filtration chromatography.

Describe the principle underlying chromatography. Elaborate ion exchange and gel filtration chromatography.

9. Write notes on any two of the following : 12

Write notes on any two of the following :

(i) Dark field microscopy

Dark field microscopy

(ii) Absorption spectrum

Absorption spectrum

(iii) Centrifugation

Centrifugation

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Roll No. \_\_\_\_\_

S-666

B.Sc. (Part-III) Examination, 2015

GENETICS & GENOMICS

First Paper

(Biostatistics, Bioinformatics & Bioinstrumentation)

Time Allowed : Three Hours ] [ Maximum Marks : 75

Note : Answer five questions in all. Question No.1 is compulsory. Attempt one question from each unit.

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1. Write short notes on the following :  $3 \times 10 = 30$

Write short notes on the following :

(i) Kurtosis

Kurtosis

(ii) Variance

Variance

(iii) CPU

CPU

