

Rajiv Gandhi University of Health Sciences

IV Semester M.Sc. [Clinical Research] Degree Examination – OCT-2019

[Time: 3 Hours]

[Max. Marks: 100]

PAPER II: PHARMACOGENOMICS

Q.P. CODE: 9695

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. Write a note on Human Genome Variation. Explain Positional Cloning and Gene Mapping.
2. Effect of SNPs on Drug responses

SHORT ESSAY

5 X 10 = 50 Marks

3. Explain the difference between Proteomics and Metabonomics.
4. Write different phases of Drug metabolism.
5. Give an account of types of Receptors.
6. Write the importance of Pharmacogenomics of Personalized Medicines.
7. Pharmacogenetics of Cardiac Ion Channels

SHORT NOTES

2 X 5 = 10 Marks

8. Haplotypes
9. Microarray

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