

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – OCT-2019

Time: 3 Hours

Max. Marks: 37 Marks

Biophysics

Q.P. Code : 1740

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 9 = 9 Marks

1. List focusing elements of eye. Explain defects of vision and their corrections.
2. What are X rays? How are they produced? List the properties and uses of x-rays in clinical practice.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Distinguish between fundamental units and derived units.
4. Pacemaker
5. Explain the applications of ultrasound in nursing
6. Applications of principles of gravity in nursing
7. What is noise pollution? How it can be prevented?

SHORT ANSWERS

4 x 2 = 8 Marks

8. Normal Blood Pressure
9. What is inclined plane?
10. What are radio active isotopes?
11. Define acceleration, mention its unit
