

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – APRIL 2017

Time: 3 Hours

Max. Marks: 40 Marks

Physiology

Q.P. Code: 1677

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Name the hormones of anterior pituitary gland. Describe the actions of growth hormone. Add a note on Gigantism.
2. Define Erythropoiesis. Describe the stages and factors regulating Erythropoiesis.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. What is the composition and functions of saliva?
4. Explain the actions of estrogen and progesterone.
5. Define synapse. Describe the mechanism of transmission of impulse across synapse.
6. Describe the functions of cerebrospinal fluids. Add a note on lumbar puncture.
7. Describe the structure and functions of Neutrophil.

SHORT ANSWERS

5 x 2 = 10 Marks

8. Name the muscles of respiration.
9. Name the primary taste sensations.
10. Define active transport. Mention its types.
11. Name the temporary methods of contraception in females.
12. Draw a neat diagram of ECG and label its parts.
