

Q.P. CODE: 1776

Rajiv Gandhi University of Health Sciences, Karnataka
I Semester B. Sc Nursing Degree Examination - 07-Jul-2026

Time: Three Hours

Max. Marks: 38

APPLIED PHYSIOLOGY – SECTION – B (RS-6)

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(QP Contains Two Pages)

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

(Note: Both QP Codes 1775 and 1776 are to be answered within total duration of 3 hours)

1 x 10 = 10 Marks

LONG ESSAY

1. Explain the functions of Sympathetic Nervous System

3 x 5 = 15 Marks

SHORT ESSAYS

2. Explain the functions of Stomach
3. Explain the factors affecting venous return
4. Enumerate the functions of osteoclasts

3 x 2 = 6 Marks

SHORT ANSWERS

5. Define Epistaxis
6. List the hormones of the posterior pituitary gland and its functions
7. State the functions of ureters

7 x 1 = 7 Marks

Multiple Choice Questions

8. The organelle that is often known as suicidal bag is
 - A. Ribosomes
 - B. Lysosomes ✓
 - C. Peroxisomes
 - D. Centrosome
9. The weight of the heart in women is about
 - A. 350gr ✓
 - B. 325gm
 - C. 450gm
 - D. 225gm
10. A protein essential for Blood coagulation is
 - A. Albumin
 - B. Globulin
 - C. Fibrinogen ✓
 - D. Plasma
11. The gland that produces follicular stimulating hormone is
 - A. Thyroid gland
 - B. Adrenal gland
 - C. Anterior pituitary gland ✓
 - D. Posterior pituitary gland

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12. Aqueous humour is drained by
A. Capillaries of the ciliary body
B. Sinus venosus sclerae ✓
C. Cornea
D. Ciliary body
13. Excess of urine formation is called as
A. Anuria
B. Oliguria
C. Polyuria ✓
D. Haematuria
14. The average amount of blood loss during menstruation is
A. 50 - 60 ml ✓
B. 150 - 160 ml
C. 250 - 260 ml
D. 350 - 360 ml
