

Q.P. CODE: 1776**Rajiv Gandhi University of Health Sciences, Karnataka****I Semester B. Sc Nursing Degree Examination – 30th April 2024****Time: Three Hours****Max. Marks: 38****APPLIED PHYSIOLOGY – SECTION – B (RS-6)****Q.P. CODE: 1776****(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)**LONG ESSAY****1 x 10 = 10 Marks**

1. Describe the digestion in mouth.

SHORT ESSAYS**3 x 5 = 15 Marks**

2. Explain the hepatic portal system

Or

Explain the functions of liver

3. Describe the movements of pelvic girdle and explain the functions of pelvis

4. Elaborate parasympathetic nervous system

SHORT ANSWERS**3 x 2 = 6 Marks**

5. Define Bronchiectasis
6. Define Gigantism
7. Enlist any four abnormal constituents of urine

Multiple Choice Questions**7 x 1 = 7 Marks**

8. The process of 'cell eating' is termed as
 - A. Pinocytosis
 - B. Phagocytosis
 - C. Exocytosis
 - D. Epicytosis
9. The difference between systolic & diastolic blood pressure is
 - A. Arterial Pressure
 - B. Hydrostatic pressure
 - C. Pulse pressure
 - D. Osmotic pressure
10. Hemolysis is the process of
 - A. Destruction of all blood cells
 - B. Destruction of RBC
 - C. Destruction of WBC
 - D. Destruction of platelets
11. Glucocorticoids is produced by
 - A. Adrenal cortex
 - B. Parathyroid gland
 - C. Adrenal medulla
 - D. Pancreatic Islets

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12. The layer of the skin that provides elasticity and pliability is
- A. Stratum lucidum
 - B. Stratum germinativum
 - C. Dermis
 - D. Epidermis
13. Urinary excretion of sodium is regulated by
- A. Anterior pituitary
 - B. Posterior pituitary
 - C. Adrenal cortex
 - D. Adrenal medulla
14. The process of cell division in reproductive cell is
- A. Mitosis
 - B. Meiosis
 - C. Mutation
 - D. Replication

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