

Q.P. CODE: 1776**Rajiv Gandhi University of Health Sciences, Karnataka****I Semester B. Sc Nursing Degree Examination - 12-Jan-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 Neuroglia and its functions.

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

2. Explain the metabolism of fat
3. Enumerate the functions of thymus gland
4. Describe the functions of arm muscles

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

5. Define sinusitis
6. Mention the function of Antidiuretic Hormone
7. State the role of kidney in water balance

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

8. The watery fluid that is present inside the cell is
 - A. Plasma
 - B. Cytosol
 - C. Blood
 - D. Serum
9. In a healthy adult the cardiac output at rest is
 - A. 2.5 ltr/mt
 - B. 5 lit/mt
 - C. 7.5 ltr/mt
 - D. 10 ltrs/ mt
10. The process of blood cell formation takes place in
 - A. Red bone marrow
 - B. Yellow bone marrow
 - C. Matrix of the bone tissue
 - D. Plasma
11. The hypo activity of growth hormone leads to
 - A. Goitre
 - B. Dwarfism
 - C. Gigantism
 - D. Cretinism
12. Sense of smell is perceived by
 - A. Pituitary
 - B. Hypothalamus
 - C. Olfactory lobe
 - D. Cerebrum

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13. Urine is clear and amber in colour due to presence of
- A. Creatinine
 - B. Uroline
 - C. Urobilin
 - D. Rennin
14. The lactiferous duct is present in
- A. Uterus
 - B. Breast
 - C. Testis
 - D. vestibule

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