

**End Semester (Semester II) Examination July 2022**

**Programme: Bachelor of Physiotherapy**

**Subject: Anatomy II**

**Subject Code: 23A201**

**Enrollment No: \_\_\_\_\_**

**Full Marks: 70**

**Time: 3 Hrs.**

**Section I**

**1. Short Answer type questions. Answer any four.**

**4 x 5 = 20**

- a. Describe the anatomical structure of Diaphragm.
- b. Explain the significance of medulla oblongata.
- c. Compare the functions of eleventh and twelfth cranial nerves.
- d. Contrast between exocrine and endocrine glands.
- e. Illustrate the neural pathway of vision.
- f. Enumerate the functions of liver.

**Section II**

**Long Answer type questions. Answer any three.**

**3 x 10 = 30**

2. Evaluate the function of cerebellum and thalamus.
3. Discuss the formations of CSF and its circulations.
4. List the types of cells in retina, give their structural feature.
5. Enumerate the feedback mechanism with the graph of Homeostasis.
6. Mention the origin, insertion & nerve supply of superficial Back muscles.

**Section III**

**Application based questions. Answer any one.**

**1 x 20 = 20**

7.
  - a. Discuss the function of Nephron in ultrafiltration and water reabsorption.
  - b. Discuss the Cycle of Ovulation.
8.
  - a. Explain the phenomenon of hearing and its neural pathway with all three order of neurons.
  - b. Illustrate the structure of an eye and discuss the defects of the eyes and their corrections.
9.
  - a. Classify the types and the functions in ascending and descending tracts.
  - b. Discuss the prenatal and postnatal development of the human being.

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