

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 0321]**

**MARCH 2021**

**Sub. Code: 1822**

**(AUGUST 2020 EXAM SESSION)**

**DIPLOMA IN HEALTH CARE AIDE**

**FIRST YEAR (Regulation 2016-2017)**

**PAPER II – ANATOMY AND PHYSIOLOGY**

***Q.P. Code : 841822***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Classify joints. Describe synovial joints in detail.
2. Draw and label the structure of cell. Explain various cell organelles in detail.
3. Describe the external features, chambers, valves, conductive system and blood supply of Heart.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Nephron
2. Muscular tissue
3. Blood grouping and cross matching
4. Menstrual cycle
5. Vertebral column
6. Biceps brachii muscle
7. Structure of spermatozoa
8. Physiology of Vision
9. Physiology of Respiration
10. Pituitary hormones

**III. Short answers on:**

**(10 x 2 = 20)**

1. Name any two endocrine glands
2. Mention any two flat bones
3. Types of cartilage
4. Define the terms Anterior and Posterior
5. Name the cranial nerves supplying eye
6. Functions of skin
7. Define Blood pressure
8. Functions of Kidney
9. Leucocytosis
10. Secretions of Stomach

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