

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

**[AHS 1023]**

**OCTOBER 2023**

**Sub. Code: 1301**

**M.Sc. CLINICAL NUTRITION  
FIRST YEAR (From 2020-2021 onwards)  
PAPER II – APPLIED PHYSIOLOGY**

***Q.P. Code: 281301***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Define Anaemia and explain in detail the classification of Anaemia.
2. Describe in detail the functions of Thyroid hormones.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Functions of Liver.
2. Artificial Respiration.
3. Explain the Theories of Ageing.
4. Explain the properties of Cardiac muscle.
5. Body fluid compartments.
6. Cell mediated and Antibody mediated immunity.
7. Renal transplantation.
8. Synapse.
9. Visual Pathway.
10. Physiology of Lactation.

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