

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

**[AHS 0423]**

**APRIL 2023**

**Sub. Code: 2502**

**B.Sc. NEURO ELECTRO PHYSIOLOGY  
FIRST YEAR (Regulations 2012-2013 & 2018-2019 onwards)  
PAPER II – PHYSIOLOGY & BIOCHEMISTRY**

*Q.P. Code: 802502*

**Time: Three Hours**

**Answer All questions**

**Maximum : 100 Marks**

**I. Elaborate on :** **(3X10=30)**

1. Explain in detail about composition, functions and regulation of Salivary secretion.
2. Write in detail about the conducting system of Heart with a neat diagram.
3. Write in detail about classification of Lipids. Add a note on functions of Lipids.

**II. Write Notes on :** **(8X5=40)**

1. Functions of Skin.
2. ABO blood group system.
3. CO<sub>2</sub> transport.
4. Referred pain.
5. Classification of Proteins.
6. Riboflavin.
7. Protein energy malnutrition.
8. Metabolic acidosis.

**III. Short Answers on :** **(10X3=30)**

1. Acromegaly.
2. Polycythemia.
3. Define Cyanosis.
4. Phases of Menstrual cycle.
5. Oxygen debt.
6. Essential Amino acids.
7. Fatty liver.
8. Structure of Mitochondria.
9. Scurvy.
10. Respiratory Quotient.

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