

[MBBS 0924]

SEPTEMBER 2024

Sub. Code: 6053

M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2020 -2021 Onwards)

FIRST PROFESSIONAL – (CBME) - SUPPLEMENTARY
PAPER I – PHYSIOLOGY
Q.P. Code: 526053

Time: Three hours**Maximum: 100 Marks (80 Theory + 20MCQs)****Answer All Questions****Add appropriate diagrams wherever necessary****I. Essay:****(2 x 15 = 30)****(3+7+5)**

1. Name the different blood group systems and their importance. Describe about ABO blood group. Add a note on transfusion reactions.

(10+5)

2. A 45-year-old female came to OP with complaints of lethargy, cold intolerance, weight gain and constipation. O/E, swelling in the neck region with facial puffiness were noted.
- What is the probable diagnosis?
 - Discuss the synthesis and function of hormone involved.
 - What is Cretinism?

II. Write Short Notes on:**(10 x 5 = 50)**

- Secondary Active transport.
- Properties of smooth muscle.
- Second stage of deglutition.
- Exocrine functions of pancreas.
- Glucose transporters.
- Parathyroid hormone.
- Foeto placental unit.
- Neuro endocrine reflex.
- Resting membrane potential.
- Principles of communication.
