

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

[AHS 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 1301

**M.Sc. CLINICAL NUTRITION
FIRST YEAR**

**(Candidates admitted from 2012-2014 onwards - Paper I)
(Candidates admitted from 2020-2021 onwards - Paper II)**

PAPER I & 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 immunity. Classify immunity and write in detail about cell mediated immunity
2. Describe in detail the synthesis and functions of thyroid hormones. Add a note on Hypothyroidism.

II. Write notes on:

(10 x 6 = 60)

1. Cystometrogram
2. Intrinsic mechanism of clotting of blood
3. Functions of Placenta
4. Small intestinal movements
5. Taste Pathway
6. Carbondioxide Transport
7. Cardiac pacemaker potential
8. Pyramidal Tract
9. Functions of Lysosomes
10. Passive Transport
