

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

[LN 6173]

AUGUST 2018

Sub.Code : 6173

BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
FIRST YEAR
PAPER III – PHYSIOLOGY

Q.P. Code: 786173

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the types of muscular exercise? Discuss the various cardio vascular changes occurring during the exercise.
2. Discuss the origin, course and functions of Pyramidal tract. Add a note on Hemiplegia.

II. Write notes on:

(8 x 5 = 40)

1. Explain intrinsic mechanism of coagulation of blood.
2. Renin Angiotensin system.
3. Neuromuscular junction.
4. Oxygen Dissociation Curve.
5. Composition and functions of bile.
6. Actions of insulin.
7. Functions of Placenta.
8. Primary active transport.

III. Short answers on:

(10 x 2 = 20)

1. Acromegaly.
2. Function of CSF.
3. Motor Unit.
4. Erythroblastosis Foetalis.
5. Heart Sounds.
6. Anemia.
7. Oxygen debt.
8. Functions of skin.
9. Muscles of inspiration.
10. Errors of refraction with correction.
