

[LL 6173]

AUGUST 2017

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. Define GF What are the factors regulating GFR? Add a note on Glomerular Function Tests.
2. Write in detail the regulation of Blood Pressure. Add a note on Hypertension.

II. Write notes on: **(8 x 5 = 40)**

1. Rh Incompatibility.
2. Movements of small intestine.
3. Conduction system of heart.
4. Hypoxia.
5. Cystometrogram.
6. Pyramidal tract.
7. Spermatogenesis.
8. Clotting mechanism.

III. Short answers on: **(10 x 2 = 20)**

1. Sodium potassium ATPase pump.
2. Functions of blood.
3. Draw a labeled diagram of neuromuscular junction.
4. What is deglutition apnea?
5. Define shock and its type.
6. Write the functions of hypothalamus.
7. Function of CSF.
8. Organ of Corti.
9. Name the hormone regulating glucose levels in our body.
10. What are the tests for ovulation?
