

B.Sc. FITNESS AND LIFESTYLE MODIFICATION
(New Syllabus 2017-2018)

FIRST YEAR

PAPER I – ANATOMY AND PHYSIOLOGY

Q.P. Code: 802801

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail on the mechanism of urine formation.
2. Describe in detail on circulation of blood.
3. (a) Exchange of gases (b) Calcium metabolism

II. Write notes on:

(8 x 5 = 40)

1. Optic nerve and retina.
2. Cell division.
3. Functions of Liver.
4. Sliding filament theory.
5. Difference between Cardiac muscle, Skeletal muscle and Smooth muscle.
6. Spinal cord and its coverings.
7. Innervations of Bladder.
8. Lung Volumes and its capacities.

III. Short answers on:

(10 x 3 = 30)

1. Tissues and its types.
2. Define neuron and classify them.
3. Diabetes mellitus.
4. Lobes of the Lung.
5. Gigantism and dwarfism.
6. Name the hormones of adrenal gland.
7. Lobes of cerebrum.
8. Function of skin.
9. Difference between artery and vein.
10. Hilum of Kidney.
