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 cell division with labelled diagram.
2. Write a note on pituitary gland and its function.
3. (a) Renin angiotensin system (b) Valves of the heart

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

1. Visual pathway.
2. Micturition reflex.
3. Glomerular filtration.
4. Spinal cord.
5. Types of muscles.
6. Enzymes of liver.
7. Broncho pulmonary segment.
8. Heart rate and cardiac output.

III. Short answers on: **(10 x 3 = 30)**

1. Parts of nephron with diagram.
2. Cell organelles and its functions.
3. Taste buds.
4. Alveoli.
5. Cardiac cycle.
6. Draw a neat labeled diagram of a neuron.
7. Muscles of respiration.
8. Name the hormones of thyroid.
9. Functions of Spleen.
10. Components of conducting system.

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