

UNIVERSITY OF JAFFNA, SRI LANKA
UNIT OF ALLIED HEALTH SCIENCES
First Year First Semester Basic Sciences Examination – August 2016
AHSBP1105 – Basic Physiology (old syllabus)
Paper II



Date: 03.09.2016.

Time: 2 hours

Answer all the six questions.

1. Write notes on:
 - 1.1. Haemostasis (50 Marks)
 - 1.2. Immunity (50 Marks)

2. Describe briefly:
 - 2.1. Stretch reflex (30 Marks)
 - 2.2. Pain sensation (30 Marks)
 - 2.3. Refractive errors in the eye (40 Marks)

3. List the functions of:
 - 3.1. Insulin (40 Marks)
 - 3.2. Thyroid hormone (30 Marks)
 - 3.3. Glucocorticoids (30 Marks)

4. Regarding respiration:
 - 4.1. Describe the mechanism of normal inspiration and expiration (50 Marks)
 - 4.2. Describe oxygen uptake in the lungs (50 Marks)

5.
 - 5.1. Draw a normal ECG and relate it to events in the heart (50 Marks)
 - 5.2. Describe the regulation of blood pressure (50 Marks)

6. Describe:
 - 6.1. Deglutition (swallowing) (40 Marks)
 - 6.2. Glomerular filtration (30 Marks)
 - 6.3. Ovulation (30 Marks)