



UNIVERSITY OF JAFFNA, SRI LANKA

UNIT OF ALLIED HEALTH SCIENCES
FIRST YEAR SECOND SEMESTER BASIC SCIENCES EXAMINATION — FEB 2017

AHSBPA 1222 BASIC PATHOLOGY- PAPER II

Date: 09.02.2017

Time: 02 Hours.

ANSWER ALL FOUR QUESTIONS.

1.
 - 1.1. List 5 causes of atrophy? (10 Marks)
 - 1.2. Write short notes on
 - 1.2.1. Dystrophic calcification (20 Marks)
 - 1.2.2. Caseous necrosis (20 Marks)
 - 1.3. List 5 complications of wound healing? (10 Marks)
 - 1.4. Briefly describe the steps of wound healing in bone fracture? (40 Marks)

2.
 - 2.1. List cardinal features of acute inflammation? (10 Marks)
 - 2.2. List 3 outcomes of acute inflammation? (10 Marks)
 - 2.3. Briefly describe the principles of chronic inflammation based on the granuloma formation of Tuberculosis. (50 Marks)
 - 2.4. List 6 systemic effects of inflammation (30 Marks)

3.
 - 3.1. List the 5 main mechanisms involved in oedema formation? (10 Marks)
 - 3.2. Write fate of thrombus (10 Marks)
 - 3.3. List 5 high risk factors which contribute to secondary hypercoagulability? (10 Marks)
 - 3.4. Describe pathogenesis of septic shock (70 Marks)

4.
 - 4.1. Write any 5 hall mark features of cancers (25 Marks)
 - 4.2. List 5 radiation carcinogenic agents (10 Marks)
 - 4.3. Briefly describe the mechanism of cancer cachexia (40 Marks)
 - 4.4. List 5 features of paraneoplastic syndrome? (25 Marks)