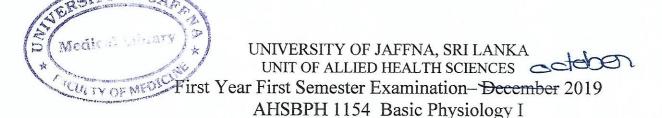
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Time: 2 hours



Date: 09.12.2019.

Paper II

Answer all the six questions. 1. Describe: 1.1. Formation and reabsorption of interstitial fluid (50 Marks) 1.2. How obstruction of lymphatic vessels in left inguinal region causes (25 Marks) oedema 1.3. How varicose veins in right leg causes oedema (25 Marks) 2. Write short notes on: 2.1. Anaemia (50 Marks) 2.2. Hemostasis (50 Marks) 3. Explain the physiological basis of the following: 3.1. Pus contains mainly dead and dying neutrophils (30 Marks) 3.2. Vasodilatation occurs in allergic reaction (30 Marks) 3.3. Blood group O is considered as "Universal donor" (40 Marks) 4. Describe briefly: Gate control theory of pain sensation 4.1. (50 Marks) 4.2. Importance of sleep (50 Marks) 5. Describe briefly: 5.1. Function of prefrontal cortex (40 Marks) 5.2. Colour vision (30 Marks) 5.3. Sensing rotational movement (30 Marks) 6. Describe the physiological basis of the following: 6.1. Diabetic patients on insulin injection should have some glucose with (40 Marks) 6.2. Cold intolerance in hypothyroidism (30 Marks) 6.3. Children with excess secretion of growth hormone are taller than (30 Marks) others