



INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO
DEGREE OF BACHELOR OF UNANI MEDICINE AND SURGERY
FIRST PROFESSIONAL BUMS (2019/2020) EXAMINATION
OCTOBER - NOVEMBER 2022
U 1.1.5 – MANAFI UL AZA (PHYSIOLOGY AND BIOCHEMISTRY)

Date: 11.10.2022

Time: 02.45 P.M – 05.15 P.M

Answer all questions.

Index No

Part I - Structured Questions

1. 1.1 Mention the differences between cardiac sounds and cardiac murmurs. (01 Mark)

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1.2 Explain the mechanism of mitral stenosis murmur. (04 Marks)

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3.2 Erythropoietin (EPO) injections are given in the management of chronic kidney disease. (02 Marks)

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3.3 Conduction of nerve impulses is quicker in myelinated nerve fibers than that of non-myelinated nerve fibers. (02 Marks)

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3.4 Body Mass Index (BMI) of males is higher than that of females although their heights are equal. (02 Marks)

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4.

4.1 Mention the name of transport system which helps enter glucose from blood into tissue cells. (02 Marks)

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4.2 Briefly describe the role of insulin with above transport system. (03 Marks)

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4.3 Briefly mention the role of oxygen in the cellular respiration (ATP production). (03 Marks)

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5.

5.1 Where is chylomicron synthesized in the human body? (02 Marks)

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5.2 Mention the role of High Density Lipoprotein (HDL) in the reduction of risk of atherosclerosis (02 Marks)

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