

**1<sup>st</sup> Professional M.B.B.S. (2019 Batch)**

**ANATOMY - I**

**PAPER CODE - 201011**

**TIME:- 3 HOURS**

**PAPER - I**

**FULL MARKS - 100**

Head and neck, Central nervous system, Thorax, Superior extremity.

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**ANATOMY - II**  
**PAPER CODE - 201012**  
**TIME:- 3 HOURS**

**PAPER - II**

**FULL MARKS - 100**

**Abdomen and Pelvis including perineum, Inferio Extremity, Diaphragm.**

**1<sup>st</sup> Professional M.B.B.S (2019 Batch)**

**PHYSIOLOGY - I**  
**PAPER CODE - 201021**  
**TIME:- 3 HOURS**

**PAPER - I**

**FULL MARKS - 100**

Cell and its structures, Blood and Tissue Fluid, Excretion and kidney, Muscle and Nerve, Respiration, Biophysics, Autonomic nervous System.

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**PHYSIOLOGY - II**  
**PAPER CODE - 201022**  
**TIME:- 3 HOURS**

**Paper II**

**FULL MARKS - 100**

Cardiovascular System, Central nervous system and special senses. Endocrine, Reproduction and family planning, Gastro Intestinal System, Temperature regulation & skin, stress & its effect on normal Physiology.

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**BIOCHEMISTRY - I**  
**PAPER CODE - 201031**  
**TIME:- 3 HOURS**

**PAPER - I**

**FULL MARKS - 100**

Cell Structure & membrane, principles of solution, colloids, surface tension, adsorption, hydrogen ion concentration, basic concept of radioactive isotopes, Chemistry of blood & plasma, bile, milk, lymph, cerebrospinal fluids, urine, faeces, sweat, composition of tissues, biological oxidation reduction, acid-base balance, electrolytes, and water balance Vitamins. Digestion of food, Enzymes metabolism of carbohydrates, proteins, lipids, nucleic acid and porphyrins; mineral metabolism energy metabolism, Immuno chemistry Immunology & Auto immune diseases, liver function test, kidney function test, gastric function test, Hormones, Balance diets and diet in Pathological conditions

**1<sup>st</sup> Professional M.B.B.S. (2019 Batch)**

**BIOCHEMISTRY - II**  
**PAPER CODE - 201032**  
**TIME:- 3 HOURS**

**Paper II**

**FULL MARKS - 100**

Basic concept of radioactive isotopes, chemistry of carbohydrates, lipids, proteins and nucleic acid, Immuno chemistry Immunology & Auto immune diseases, Cancer and carcinogenesis, Biological oxidation reduction, acid-base balance, Detoxication of biochemical genetics and Inborn error of metabolism, principals of nutrition and malnutrition, principals of nutrition and malnutrition, Balance diets and diet in Pathological conditions, cancer and carcinogenesis, Biochemical investigations and their interpretation in health & Disease.