



ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA

Gyan Parisar, Mithapur, Patna-800 001.

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NEW CURRICULUM MBBS (Session 2019 onwards)

1st Professional M.B.B.S.

Subject : ANATOMY - I	Paper Code - 201011	Time :- 3 Hours
PAPER - I		FULL MARKS - 100
Syllabus :		
Head and neck, Central nervous system, Thorax, Superior extremity.		

Subject : ANATOMY - II	Paper Code - 201012	Time :- 3 Hours
PAPER – II		FULL MARKS - 100
Syllabus :		
Abdomen and Pelvis including perineum, Inferio Extremity, Diaphragm.		

Subject : PHYSIOLOGY - I	Paper Code - 201021	Time :- 3 Hours
PAPER – I		FULL MARKS - 100
Syllabus :		
Cell and its structures, Blood and Tissue Fluid, Excretion and kidney, Muscle and Nerve, Respiration, Biophysics, Autonomic nervous System.		

Subject : PHYSIOLOGY – II	Paper Code - 201022	Time :- 3 Hours
PAPER – II		FULL MARKS - 100
Syllabus :		
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.		

Subject : BIOCHEMISTRY - I	Paper Code - 201031	Time :- 3 Hours
PAPER – I		FULL MARKS - 100
Syllabus :		
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		



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Subject : BIOCHEMISTRY - II	Paper Code - 201032	Time :- 3 Hours
PAPER – I I		FULL MARKS - 100
Syllabus :		
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, Balance diets and diet in Pathological conditions, cancer and carcinogenesis, Biochemical investigations and their interpretation in health & Disease.		