

Preparatory Course

Department of Medical Biology

Course Schedule - Biology

Session 1: 9.00 am – 11.15 am (3x45 min.)

Lunch Break: 11.15 am – 12.00 am

Session 2: 12.00 am – 2.15 pm (3x45 min.)

May 28th, Day 1:

Biology - The Living World

Chemical Components of Cell (58-64)

Biomembranes, Cell Physiology, Membrane Transport (33-45)

The Cell – Ultrastructure (1-32, 46-57)

Energy Use and Metabolism, Photosynthesis, Cellular Respiration

May 29th, Day 1:

Cell Cycle, Mitosis, Meiosis (65-94)

Molecular Genetics (95-143)

Mutations (210-220, 222)

May 30th, Day 3:

Mendelian Genetics (144-199, 204, 205)

Linkage, Heredity and Sex, Genealogy, Genetic Counselling (200-203, 221, 224-233)

Population Genetics (206-209, 223)

May 31st, Day 4:

Skeletal and Muscular System (234-288)

Digestive System (364-403)

Circulatory System (289-341)

June 1st, Day 5:

Respiratory System (342-363)

Urinary System (404-423)

Endocrine System (424-466)

June 2nd, Day 6:

Nervous System and Senses (467-534)

Immune System (535-553, 563-565) and Blood groups (554-562)

Reproductive System (566-600)

Final test in Biology (1 hour – 100 questions)