

**Malaysian Universities Conjoint Committee of Ophthalmology  
Preparatory Course for Basic Science Examination, Health Campus, USM, Kelantan**

Time / Date	Sunday (2 Feb 2020)	Monday (3 Feb 2020)	Tuesday (4 Feb 2020)	Wednesday (5 Feb 2020)
9.00 – 10.00 am	<b>Anatomy 1</b> - Head & Neck (Anatomy & Embriology)	<b>Anatomy 2</b> - Cranial Cavity - Central nervous system	<b>Physiology 4</b> - Blood - Cardiovascular system	<b>Physiology 5</b> - Cell organelles - Receptor physiology - Extracellular matrix
10.00 – 11.00 am	<b>Physiology 1</b> - Renal - Endocrinology	<b>Physiology 2</b> - Nerve & muscles - Autonomic nervous system - Central nervous system - Special senses	<b>Pathology 2</b> - Vascular disorder - Shock & trauma	<b>Genetics</b> - Chromosomes & cell division - Inheritance - Genes mutation - Oncogens - Principles of Gene Therapy
11.00 – 11.30 am	Tea Break			
11.30 – 12.30 pm	<b>Pathology 1</b> - Inflammation - Disturbances of growth - Degeneration - Aging - Neoplasia	<b>Physiology 3</b> - Respiratory system	<b>Chempath</b> - Homeostasis - Metabolic response - Acid-base balance	<b>Pharmacology</b> - Antiinflammatory agents - Anti-infective agents - Cellular mechanism of drug action - Mechanism of drug toxicity
12.30 – 2.00 pm	Lunch Break		<b>Photography session</b> Lunch Break	Lunch Break
2.00 – 3.00 pm	<b>Immunology 1</b> - Humoral & cellular immunity - Immune mechanisms of tissue damage	<b>Immunology 2</b> - Immunodeficiency - Immunosuppression - Organ transplantation & rejection	<b>MOCK EXAM</b>	<b>Feedback MCQ Tips for Passing MCQ</b>
3.00 – 4.00 pm	<b>Microbiology 1</b> - Bacteria - Viruses - Fungi	<b>Microbiology 2</b> - Principle of infection - Culture media - HIV & AIDS		
4.00 – 4.30 pm	Tea Break			