



MALAYSIAN UNIVERSITIES CONJOINT COMMITTEE OF OPHTHALMOLOGY

THE 5<sup>TH</sup> OPHTHALMOLOGY BASIC SCIENCE EXAMINATION (MEDEX) PREPARATORY COURSE 2022

21, 22, 30 dan 31 MAC 2022, UNIVERSITI KEBANGSAAN MALAYSIA

Masa / Tarikh	21/03/2022 - Isnin Moderator : Dr Othmaliza	22/03/2022 - Selasa Moderator : Dr Nur Shahirah	30/03/2022 - Rabu Moderator : Dr Ayesha	31/03/2022 - Khamis Moderator : Dr Othmaliza
08:15 – 08:30	Briefing			
08:30 – 09:30	<b>MOCK MCQ PRE-LECTURES</b> <ul style="list-style-type: none"> <li>Exercise</li> </ul>	<b>8.15-9.15</b> <b>PHYSIOLOGY</b> <ul style="list-style-type: none"> <li>Endocrine</li> </ul>	<b>GENETICS</b> <ul style="list-style-type: none"> <li>Chromosomes &amp; Cell Division</li> <li>Inheritance</li> <li>Gene Mutation</li> <li>Oncogenes</li> <li>The Principle of Gene Therapy</li> </ul>	<b>MICROBIOLOGY</b> <ul style="list-style-type: none"> <li>Principle of Virus Infection</li> <li>HIV &amp; AIDS</li> </ul>
09:30 – 10:30	<b>PHYSIOLOGY</b> <ul style="list-style-type: none"> <li>Respiratory System</li> </ul>	<b>9.15-10.45</b> <b>ANATOMY</b> <ul style="list-style-type: none"> <li>Applied Anatomy of Head &amp; Neck</li> </ul>	<b>IMMUNOLOGY</b> <ul style="list-style-type: none"> <li>Humoral &amp; Cellular Immunity</li> </ul>	<b>PARASITOLOGY</b> <ul style="list-style-type: none"> <li>Protozoa</li> <li>Helminth</li> <li>Ectoparasites</li> </ul>
10:30 – 11:00	<b>TEA BREAK</b>			

*\*sesi ceramah pada hari kedua diawalkan atas sebab-sebab yang tidak dapat dielakkan.*

Masa / Tarikh	21/03/2022 - Isnin Moderator : Dr Othmaliza	22/03/2022 - Selasa Moderator : Dr Nur Shahirah	30/03/2022 - Rabu Moderator : Dr Ayesha	31/03/2022 - Khamis Moderator : Dr Othmaliza
11:00 – 12:00	<b>PHYSIOLOGY</b> <ul style="list-style-type: none"> <li>▪ Renal System</li> <li>▪ Acid-Base Balance/ Metabolism</li> <li>▪ Homeostasis</li> <li>▪ Metabolic Response</li> </ul>	<b>ANATOMY</b> <ul style="list-style-type: none"> <li>▪ Brain &amp; Cranial Nerves</li> </ul>	<b>IMMUNOLOGY</b> <ul style="list-style-type: none"> <li>▪ Immune Mechanism of Tissue Damage</li> <li>▪ Immunodeficiency</li> </ul>	<b>PHARMACOLOGY</b> <ul style="list-style-type: none"> <li>▪ Anti-Inflammatory</li> <li>▪ Antibacterial Agents</li> <li>▪ Antifungal Agents</li> </ul>
12:00 – 13:00	<b>PHYSIOLOGY</b> <ul style="list-style-type: none"> <li>▪ Nerve &amp; Muscle</li> <li>▪ Autonomic Nervous System</li> </ul>	<b>PATHOLOGY</b> <ul style="list-style-type: none"> <li>▪ Inflammation</li> <li>▪ Disturbance of Growth</li> <li>▪ Degeneration</li> <li>▪ Aging</li> <li>▪ Neoplasia</li> </ul>	<b>IMMUNOLOGY</b> <ul style="list-style-type: none"> <li>▪ Immunosuppression</li> <li>▪ Organ Transplantation &amp; Rejection</li> </ul>	<b>PHARMACOLOGY</b> <ul style="list-style-type: none"> <li>▪ Pharmacodynamic Mechanism of Drug Toxicity</li> </ul>
13:00 – 14:00	<b>LUNCH BREAK &amp; ZUHR PRAYER</b>			

Masa / Tarikh	21/03/2022 - Isnin Moderator : Dr Othmaliza	22/03/2022 - Selasa Moderator : Dr Nur Shahirah	30/03/2022 - Rabu Moderator : Dr Ayesha	31/03/2022 - Khamis Moderator : Dr Othmaliza
14:00 – 15:00	<b>PHYSIOLOGY</b> <ul style="list-style-type: none"> <li>▪ Central Nervous System</li> <li>▪ Special Senses</li> </ul>	<b>MOLECULAR CELL BIOLOGY</b> <ul style="list-style-type: none"> <li>▪ Cell Organelles</li> <li>▪ Receptor Physiology</li> <li>▪ Extracellular Matrix</li> </ul>	<b>MICROBIOLOGY</b> <ul style="list-style-type: none"> <li>▪ Bacteria &amp; Its culture</li> </ul>	<b>PATHOLOGY</b> <ul style="list-style-type: none"> <li>• Haemodynamic Disorders, Thromboembolism and Shock</li> </ul>
15:00 – 16:30	<b>PHYSIOLOGY</b> <ul style="list-style-type: none"> <li>▪ Cardiovascular System</li> <li>▪ Blood</li> </ul>	<b>BIOCHEMISTRY</b> <ul style="list-style-type: none"> <li>• Cellular Metabolism</li> <li>• Glucose Homeostasis</li> </ul>	<b>MICROBIOLOGY</b> <ul style="list-style-type: none"> <li>▪ Fungal and Its culture</li> </ul>	<b>MOCK MCQ POST-LECTURES</b> <ul style="list-style-type: none"> <li>▪ Exercise</li> <li>▪ Feedback</li> </ul>