

Provisional Lecture Programme for 1st MBBS First Term in Physiology for the year 2018-19

| Day | Date | Time | Topic | Teacher |
|------------------|-----------------|-----------------------|--|---------|
| Wednesday | 1-8-18 | 10-11 am | Introduction to Physiology | Dr. SRS |
| Thursday | 2-8-18 | 11.15 – 12 .15 pm | Transport across cell membrane | Dr. SRQ |
| Saturday | 4-8-18 | 9-10 am | Functions of blood & body fluids | Dr. ICA |
| Monday | 6-8-18 | 10-11 am | Plasma protein | Dr. ICA |
| Tuesday | 7-8-18 | 9-10 am | Transport across Cell Membrane II | Dr. SRQ |
| | | 12-1(S.S) | Structure of Cell | |
| Wednesday | 8-8-18 | 10-11 am | Erythropoiesis I | Dr. ICA |
| Thursday | 9-8-18 | 11.15 – 12 .15 pm | RMP & AP | Dr. SRQ |
| Saturday | 11-8-18 | 9-10 am | Erythropoiesis II | Dr. ICA |
| Monday | 13-8-18 | 10-11 am | RBC & Anemia | Dr. ICA |
| Tuesday | 14-8-18 | 9-10 am | Classification of nerves | Dr. SRQ |
| | | 12-1(S.S) | ESR & fragility | |
| Wednesday | 15-8-18 | 10-11 am | -----H O L I D A Y----- | |
| Thursday | 16-8-18 | 11.15 – 12 .15 pm | Properties of nerves | Dr. SRQ |
| Saturday | 18-8-18 | 9-10 am | Functions of WBCs | Dr. ICA |
| Monday | 20-8-18 | 10-11 am | Immunity | Dr. ICA |
| Tuesday | 21-8-18 | 9-10 am | Neuromuscular junction | Dr. SRQ |
| | | 12-1(S.S) | Myasthenia gravis | |
| Wednesday | 22-8-18 | 10-11 am | -----H O L I D A Y----- | |
| Thursday | 23-8-18 | 11.15 – 12 .15 pm | Excitation Contraction Coupling | Dr. SRQ |
| Saturday | 25-8-18 | 9-10 am | ABO blood group | Dr. ICA |
| Monday | 27-8-18 | 10-11 am | Rh Blood group | Dr. ICA |
| Tuesday | 28-8-18 | 9-10 am | Properties of Muscles I | Dr. SRQ |
| | | 12-1(S.S) | Autoimmunity & Tissue Transplants | |
| Wednesday | 29-8-18 | 10-11 am | Hemostasis - I | Dr. ICA |
| Thursday | 30-8-18 | 11.15-12.15 pm | Properties of Muscles II | Dr. SRQ |
| Saturday | 1-9-18 | 9-10 am | Hemostasis II | Dr. ICA |
| Monday | 3-9-18 | 10-11 am | Lymph | Dr. ICA |
| Tuesday | 4-9-18 | 9-10 am | Smooth Muscle I | Dr. SRQ |
| | | 12-1(S.S) | Hemophilia | |
| Wednesday | 5-9-18 | 10-11 am | Case study on blood & bloody fluids | Dr. ICR |
| Thursday | 6-9-18 | 11.15-12.15 pm | Smooth Muscle II | Dr. SRQ |
| Saturday | 8-9-18 | 9-10 am | Case study on nerve muscle | Dr. SRQ |
| Monday | 10-9-18 | 10-11 am | ANS I | Dr. MK |
| Tuesday | 11-9-18 | 9-10 am | Properties of cardiac muscle | Dr. SSA |
| | | 12-1(S.S) | Structure of cardiac muscle | |
| Wednesday | 12-9-18 | 10-11 am | ANS II | Dr. MK |
| Thursday | 13-9-18 | 11.15-12.15 pm | ---Holiday-- | |
| Saturday | 15-9-18 | 9-10 am | ANS III | Dr. MK |
| Monday | 17-9-18 | 10-11 am | Origin & spread of cardiac impulse | Dr. SSA |
| Tuesday | 18-9-18 | 9-10 am | Synapse I | Dr. MK |
| | | 12-1(S.S) | Horner's syndrome | |
| Wednesday | 19-9-18 | 10-11 am | ECG I | Dr. SSA |
| Thursday | 20-9-18 | 11-12.15 pm | Synapse II | Dr. MK |
| Saturday | 22-9-18 | 9-10 am | Test on blood & Body Fluids | |
| Monday | 24-9-18 | 10-11 am | Introduction to RS | Dr. SSP |
| Tuesday | 25-9-18 | 9-10 am | ECG II | Dr. SSA |
| | | 12-1(S.S) | Vector Electrocardiography | |
| Wednesday | 26-9-18 | 10-11 am | Mechanics of breathing | Dr. SSP |
| Thursday | 27-9-18 | 11-12.15 pm | ECG III | Dr. SSA |
| Saturday | 29-9-18 | 9-10 am | Lung Volumes & capacities | Dr. SSP |
| Monday | 1-10-18 | 10-11 am | Compliance | Dr. SSP |
| Tuesday | 2-10-18 | 9-10 am | ---Holiday--- | |
| Wednesday | 3-10-18 | 10-11 am | Surfactant & airway resistance | Dr. SSP |
| Thursday | 4-10-18 | 11-12.15 pm | ECG IV | Dr. SSA |
| Saturday | 6-10-18 | 9-10 am | Pulmonary circulation I | Dr. SSP |
| Monday | 8-10-18 | 10-11 am | Pulmonary circulation II | Dr. SSP |
| Tuesday | 9-10-18 | 9-10 am | Cardiac Cycle I | Dr. SSA |
| | | 12-1(S.S) | Solution of paper on Blood and Body Fluids | |
| Wednesday | 10-10-18 | 10-11 am | Test on Transport, Nerve Muscle,ANS and Synapse | |
| Thursday | 11-10-18 | 11-12.15 pm | Cardiac Cycle II | Dr. SSA |
| Saturday | 13-10-18 | 9-10 am | Cardiac Output I | Dr. SSA |
| Monday | 15-10-18 | 10-11 am | Anterior Pituitary I | Dr. MK |
| Tuesday | 16-10-18 | 9-10 am | Cardiac Output II | Dr. SSA |

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| | | 12-1(S.S) | Methods of measurement of Cardiac output | |
| Wednesday | 17-10-18 | 10-11 am | Anterior Pituitary II | Dr. MK |
| Thursday | 18-10-18 | 11-12.15 pm | --Holiday-- | |
| Saturday | 20-10-18 | 9-10 am | Posterior Pituitary | Dr. MK |
| Monday | 22-10-18 | 10-11 am | B.P I | Dr. SSA |
| Tuesday | 23-10-18 | 9-10 am | Skin & body temperature I | Dr. MK |
| | | 12-1 (SS) | Solution of paper on transport nerve, synopsis, ANS | |
| Wednesday | 24-10-18 | 10-11 am | B.P II | Dr. SSA |
| Thursday | 25-10-18 | 11-12.15 pm | Body temperature II | Dr. MK |
| Saturday | 27-10-18 | 9-10 am | B.P III | Dr. SSA |
| Monday | 29-10-18 | 10-11 am | Body temperature III | Dr. MK |
| Tuesday | 30-10-18 | 9-10 am | B.P IV | Dr.SSA |
| | | 12-1(S.S) | Hypertension | |
| Wednesday | 31-10-18 | 10-11 am | O2 Transport | Dr SSP |
| Thursday | 1-11-18 | 11-12.15 pm | Adrenal Gland I | Dr. ICA |
| Saturday | 3-11-18 | 9-10 am | Carbon Dioxide Transport | Dr. SSP |
| | | | No classes from 4th Nov to 11th Nov | |
| Monday | 12-11-18 | 10-11 am | Neural regulation of respiration | Dr. SSP |
| Tuesday | 13-11-18 | 9-10 am | Adrenal Gland II | Dr. ICA |
| | | 12-1(S.S) | Non chemical regulation of respiration | |
| Wednesday | 14-11-18 | 10-11 am | Chemical regulation of respiration | Dr. SSP |
| Thursday | 15-11-18 | 11-12.15 pm | Adrenal gland III | Dr. ICA |
| Saturday | 17-11-18 | 9-10 am | Hypoxia | Dr. SSA |
| Monday | 19-11-18 | 10-11 am | High attitude sickness | Dr. SSA |
| Tuesday | 20-11-18 | 9-10 am | Coronary circulation I | Dr. SSP |
| | | 12-1(S.S) | Myocardial infarction | |
| Wednesday | 21-11-18 | 10-11 am | Dysbarism | Dr. SSA |
| Thursday | 22-11-18 | 11-12.15 pm | Coronary circulation II | Dr. SSP |
| Saturday | 24-11-18 | 9-10 am | Respiratory changes during exercise | Dr. SSA |
| Monday | 26-11-18 | 10-11 am | Respiratory diseases I | Dr. SSA |
| Tuesday | 27-11-18 | 9-10 am | Cerebral Circulation | Dr. SSP |
| | | 12-1(S.S) | Smoking | |
| Wednesday | 28-11-18 | 10-11 am | Respiratory Disease II | Dr.SSA |
| Thursday | 29-11-18 | 11-12.15 pm | Circulation changes during exercise | Dr. SSP |
| Saturday | 1-12-18 | 9-10 am | Case study on RS | Dr. SSA |
| Monday | 3-12-18 | 10-11 am | ----Holiday--- | |
| Tuesday | 4-12-18 | 9-10 am | Shock I | Dr. SSP |
| | | 12-1(S.S) | Effect of gravity on circulation | |
| Wednesday | 5-12-18 | 10-11 am | Introduction to CNS | Dr. SRS |
| Thursday | 6-12-18 | 11-12.15 pm | Shock II | Dr. SSP |
| Saturday | 8-12-18 | 9-10 am | Heart failure I | Dr. SSP |
| Monday | 10-12-18 | 10-11 am | Introduction to CNS | Dr. SSA |
| Tuesday | 11-12-18 | 9-10 am | Case study on CVS | Dr. SSP |
| | | 12-1(S.S) | Neuroglia | |
| Wednesday | 12-12-18 | 10-11 am | Cerebrospinal fluid | Dr. SRS |
| Thursday | 13-12-18 | 11-12.15 pm | Test on Respiratory system | |
| Saturday | 15-12-18 | 9-10 am | Male reproductive system I | Dr. MK |
| Monday | 17-12-18 | 10-11 am | Receptors | Dr. SRS |
| Tuesday | 18-12-18 | 9-10 am | Male reproduction system II | Dr. MK |
| | | 12-1(S.S) | Neurotransmitters | |
| Wednesday | 19-12-18 | 10-11 am | ---Holiday--- | |
| Thursday | 20-12-18 | 11-12.15 pm | Reflexes I | Dr. SRS |
| Saturday | 22-12-18 | 9-10 am | Reflexes II | Dr. SRS |
| | | | Christmas Vacation from 24-12-18 to 1-1-19 | |
| Wednesday | 2-1-19 | 10-11 am | Sensory System I | Dr. SRS |
| Thursday | 3-1-19 | 11-12.15 pm | Test on CVS | |
| Saturday | 5-1-19 | 9-10 am | Sensory System II | Dr. SRS |
| Monday | 7-1-19 | 10-11 am | Sensory System III | Dr. SRS |

1st MBBS 2018-19 Batch, Weekly Practical and Tutorial Programme

| <u>Date</u> | <u>Practical/ Tutorial</u> | <u>Hematology / Human Lab I</u> | <u>Experimental / Amphibian/ Mammalian/ Clinical Lab II</u> |
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| 3-8-18 | Practical | Instruments, graded stimuli Simple Muscle Curve & two successive stimuli | Instruments, graded stimuli Simple Muscle Curve & two successive stimuli |
| 6-8-18 | Practical | Instruments, graded stimuli Simple Muscle Curve & two successive stimuli | Instruments, graded stimuli Simple Muscle Curve & two successive stimuli |
| 8-8-18 | Practical | Instruments, graded stimuli Simple Muscle Curve & two successive stimuli | Instruments, graded stimuli Simple Muscle Curve & two successive stimuli |
| 10-8-18 | Tutorial Practical | Body fluids and Plasma Proteins. Effect of load on simple muscle curve | Transport across cell membrane (i) Genesis of tetanus. ii) Effect of temperature on simple muscle curve. |
| 13-8-18 | Tutorial Practical | Body fluids and Plasma Proteins. Effect of load on simple muscle curve | Transport across cell membrane (i) Genesis of tetanus. ii) Effect of temperature on simple muscle curve. |
| 15-8-18 | | ----HOLIDAY---- | |
| 17-8-18 | Tutorial Practical | Body fluids and Plasma Proteins. Effect of load on simple muscle curve | Transport across cell membrane i) Genesis of tetanus. ii) Effect of temperature on simple muscle curve. |
| 20-8-18 | Tutorial Practical | Erythropoiesis Effect of load on work done | RMP & AP Effect of fatigue on skeletal muscle curve on fast & slow moving drum |
| 22-8-18 | | ----HOLIDAY---- | |
| 24-8-18 | Tutorial Practical | Erythropoiesis Effect of load on work done | RMP & AP Effect of fatigue on skeletal muscle curve on fast & slow moving drum |
| 27-8-18 | Tutorial Practical | Erythropoiesis Effect of load on work done | RMP & AP Effect of fatigue on skeletal muscle curve on fast & slow moving drum |
| 29-8-18 | Tutorial Practical | Functions of WBC Neubauer Chamber | - Neuromuscular junctions Strength duration curve |
| 31-8-18 | Tutorial Practical | Functions of WBC Neubauer Chamber | -Neuromuscular junctions Strength duration curve |
| 3-9-18 | Tutorial Practical | Functions of WBC Neubauer Chamber | - Neuromuscular junctions Strength duration curve |

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| 5-9-18 | Tutorial Practical | Hemostasis 1 st half - Hb estimation 2 nd half RBC count | Mechanics of breathing Ergography |
| 7-9-18 | Tutorial Practical | Hemostasis 1 st half - Hb estimation 2 nd half RBC count | Mechanics of breathing Ergography |
| 10-9-18 | Tutorial Practical | Hemostasis 1 st half - Hb estimation 2 nd half RBC count | Mechanics of breathing Ergography |
| 12-9-18 | Tutorial Practical | Blood group- 1 st half – RBC Count 2 nd half – Hb estimation | Lung volumes & capacities Electromyography |
| 14-9-18 | | <u>--Holiday--</u> | |
| 17-9-18 | Tutorial Practical | Blood group 1 st half – RBC Count 2 nd half – Hb estimation | Lung volumes & capacities Electromyography |
| 19-9-18 | Tutorial Practical | Blood group 1 st half – RBC Count 2 nd half – Hb estimation | Lung volumes & capacities Electromyograph |
| 21-9-18 | Tutorial Practical | ANS 1 st half WBC count 2 nd half blood group | Surfactant Artificial Respiration |
| 24-9-18 | Tutorial Practical | ANS 1 st half WBC count 2 nd half blood group | Surfactant Artificial Respiration |
| 26-9-18 | Tutorial Practical | ANS 1 st half WBC count 2 nd half blood group | Surfactant Artificial Respiration |
| 28-9-18 | Tutorial Practical | Synapse 1 st half – Blood group 2 nd half – WBC count | ECG ECG |
| 1-10-18 | Tutorial Practical | Synapse 1 st half – Blood group 2 nd half – WBC count | ECG ECG |
| 3-10-18 | Tutorial Practical | Synapse 1 st half – Blood group 2 nd half – WBC count | ECG ECG |

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| 5-10-18 | Tutorial Practical | 1 th half – DC 2 nd half PVC, ESR, Blood indices | 1 st half Lung function test 2 nd half – Spirometry & RET |
| 8-10-18 | Tutorial Practical | 1 th half – DC 2 nd half PVC, ESR, Blood indices | 1 st half Lung function test 2 nd half – Spirometry & RET |
| 10-10-18 | Tutorial Practical | 1 th half – DC 2 nd half PVC, ESR, Blood indices | 1 st half Lung function test 2 nd half – Spirometry & RET |

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| 12-10-18 | Tutorial Practical | 1 st half PVC, ESR, blood indices 2 nd half DC | 1 st half – Spirometry & RET 2 nd half – Lung function test |
| 15-10-18 | Tutorial Practical | 1 st half PVC, ESR, blood indices 2 nd half DC | 1 st half – Spirometry & RET 2 nd half – Lung function test |
| 17-10-18 | Tutorial Practical | 1 st half PVC, ESR, blood indices 2 nd half DC | 1 st half – Spirometry & RET 2 nd half – Lung function test |
| 19-10-18 | Tutorial Practical | 1 st half Revision 2 nd half – Sphygmomanometry | Perfusion of mammalian heart & plain muscle |
| 22-10-18 | Tutorial Practical | 1 st half Revision 2 nd half – Sphygmomanometry | Perfusion of mammalian heart & plain muscle |
| 24-10-18 | Tutorial Practical | 1 st half Revision 2 nd half – Sphygmomanometry | Perfusion of mammalian heart & plain muscle |
| 26-10-18 | Tutorial Practical | 1 st half – Sphygmomanometry 2 nd half Revision | Properties of cardiac muscle I & II |
| 29-10-18 | Tutorial Practical | 1 st half – Sphygmomanometry 2 nd half Revision | Properties of cardiac muscle I & II |
| 31-10-18 | Tutorial Practical | 1 st half – Sphygmomanometry 2 nd half Revision | Properties of cardiac muscle I & II |
| 2-11-18 | Tutorial Practical | Cardiac cycle BT, CT | Pituitary gland Effect of drug on frog's heart & Vagal escape |
| 12-11-18 | Tutorial Practical | <u>No classes from 4-11-18 to 11-11-18</u> Cardiac cycle BT, CT | Pituitary gland Effect of drug on frog's heart & Vagal escape |
| 14-11-18 | Tutorial Practical | Cardiac cycle BT, CT | Pituitary gland Effect of drug on frog's heart & Vagal escape |
| 16-11-18 | Tutorial Practical | Cardiac output Eosinophil count ,Reticulocyte count, Platelet count | Body temperature regulation History taking & general examination and TPR |
| 19-11-18 | Tutorial Practical | Cardiac output Eosinophil count ,Reticulocyte count, Platelet count | Body temperature regulation History taking & general examination and TPR |
| 21-11-18 | Tutorial Practical | Cardiac output Eosinophil count ,Reticulocyte count, Platelet count | Body temperature regulation History taking & general examination and TPR |
| 23-11-18 | Tutorial Practical | BP regulation Clinical examination of respiratory system | Oxygen Transport Clinical examination of arterial pulse, Sphygmogram |
| 26-11-18 | Tutorial Practical | BP regulation Clinical examination of respiratory system | Oxygen Transport Clinical examination of arterial pulse, Sphygmogram |
| 28-11-18 | Tutorial Practical | BP regulation Clinical examination of respiratory system | Oxygen Transport Clinical examination of arterial pulse, Sphygmogram |

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| 30-11-18 | Tutorial Practical | Neural regulation of respiration Clinical examination of CVS | Carbon dioxide transport Clinical examination of GIT |
| 3-12-18 | Tutorial Practical | ---Holiday----- | |
| 5-12-18 | Tutorial Practical | Neural regulation of respiration Clinical examination of CVS | Carbon dioxide transport Clinical examination of GIT |
| 7-12-18 | Tutorial Practical | Neural regulation of respiration Clinical examination of CVS | Carbon dioxide transport Clinical examination of GIT |
| 10-12-18 | Tutorial Practical | 1 st half Hematology Revision 2 nd half Clinical Revision | 1 st half charts 2 nd half Human Experiments revision |
| 12-12-18 | Tutorial Practical | 1 st half Hematology Revision 2 nd half Clinical Revision | 1 st half charts 2 nd half Human Experiments revision |
| 14-12-18 | Tutorial Practical | 1 st half Hematology Revision 2 nd half Clinical Revision | 1 st half charts 2 nd half Human Experiments revision |
| 17-12-18 | Tutorial Practical | 1 st half Clinical examination revision 2 nd half Hematology revision | 1 st half Human Experiments Revision 2 nd half Charts |
| 19-12-18 | Tutorial Practical | 1 st half Clinical Examination revision 2 nd half Hematology revision | 1 st half Human Experiments Revision 2 nd half Charts |
| 21-12-18 | Tutorial Practical | 1 st half Clinical Examination revision 2 nd half Hematology revision | 1 st half Human Experiments Revision 2 nd half Charts |
| | | <u>Christmas Vacation</u> <u>24-12-18 to 1-1-19</u> | |
| 4-1-19 | Tutorial Practical | Revision Revision | Revision Revision |
| 7-1-19 | Tutorial Practical | Revision Revision | Revision Revision |
| 9-1-19 | Tutorial Practical | Revision Revision | Revision Revision |

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