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|  **Week 1 - FOUNDATION BLOCK (Female)** |
| **Week ( 1 ) Starting: 17/09/2017 to 21/09/2017** **Becoming A Medical Student** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****17 September 2017** | **Monday****18 September 2017** | **Tuesday****19 September 2017** | **Wednesday****20 September 2017** | **Thursday****21 September 2017** |
| **8:00 am - 4:00 pm**Orientation | **8:00 - 9:00 am**Organization of the Human Body**(Physiology)****Dr. Maha Alsaja** | **8:00 - 9:00 am**Skeletal muscles **(Anatomy)****Dr. Jamilah El-Medany** | **8:00 - 10:00 am****(Practical)**Skeletal system **F2****(Anatomy)****Dr. Sanaa Al-Shaarawi** | **8:00 - 9:00 am**Self-directedLearning |
| **9:00-10:00 am****Learning Skills:**Introduction to learning skills course **Prof. Hamza Abdulghani** | **9:00 - 10:00 am**Cell membrane structure and transport across cell membrane **(Physiology)****Dr. Maha Alsaja** | **9:00 - 10:00 am**Self-directedLearning |
| **10:00 - 11:00 am**Histological microtechnique; cell structure **(Histology)****Prof. Raeesa Abdultawab** | **10:00 - 12:00 pm****(Practical)**Skeletal system **F1****(Anatomy)****Dr. Sanaa Al-Shaarawi** | **10:00-11:00am**Protein structure**(Biochemistry)****Dr. Sumbul Fatma** | **10:00 - 11:00am**Self-directedLearning |
| **11:00-12:00 pm**Anatomical terms and skeletal system.**(Anatomy)****Dr. Jamilah El-Medany** | **11:00-12:00 pm**Homeostasis (1)**(Physiology)****Dr. Maha Alsaja** | **11:00-12-00 pm**Introduction to molecular biology(Nucleutides & DNA Language) **(Biochemistry**)**Dr. Sumbul Fatma** |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-2:00 pm**Body fluids and electrolytes **(Physiology)****Dr. Maha Alsaja** | **1:00-2:00 pm**Self-directedLearning | **1:00-3:00 pm****Salam** | **1:00-2:00 pm**Gametogenesis : ovarian and uterine cycles**(Embryology)****Dr. Sanaa Al-Shaarawi** |
| **2:00-3:00 pm**Epithelial tissues **(Histology)****Prof. Raeesa Abdultawab** | **2:00-3:00 pm**Amino acids.**(Biochemistry)****Dr. Sumbul Fatma** | **2:00-3:00 pm**Introduction to the Nervous system **(Anatomy)****Dr. Jamilah El-Medany** |

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| **Week 2 - FOUNDATION BLOCK (Female)** |
| **Week ( 2 ) Starting: 24/09/2017 to 28/09/2017** **Body Systems** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****24 September 2017** | **Monday****25 September 2017** | **Tuesday****26 September 2017** | **Wednesday****27 September 2017** | **Thursday****28 September 2017** |
| **Official Holiday for the National Day** | **8:00 - 9:00 am**Introduction to molecular biology( DNA & RNA )**(Biochemistry**)**Dr. Sumbul Fatma**  | **8:00 - 9:00 am**Erythropoiesis **(Physiology)****Dr. Nervana Bayoumi**  | **8:00 - 9:00 am**White blood cells**(Physiology)****Dr. Nervana Bayoumi** | **8:00 - 9:00 am**Introduction to pathology**(Pathology)****Dr. Sufia Husain** |
| **9:00 - 10:00 am**Homeostasis (2)**(Physiology)****Dr. Maha Alsaja** | **9:00 - 10:00 am** Tutorial Body Fluid**(Physiology)****Dr. Nervana Bayoumi** | **9:00 - 10:00am** Bacterial structure and genetics **(Microbiology)****Prof. Hanan Habib** | **9:00 - 10:00 am**Autonomic nervous system **(Anatomy)****Dr. Jamilah El-Medany** |
| **10:00 - 12:00pm****(Practical)**Skeletal muscles **F1****(Anatomy)****Dr. Sanaa Al-Shaarawi**  | **10:00 - 12:00pm****(Practical)**Epithelial tissue**F1****(Histology)****Prof. Raeesa Abdultawab**  | **10:00-12:00pm****(Practical)** Histological microtechnique : cell structure**F2****(Histology)****Prof. Raeesa Abdultawab** | **10:00 - 12:00 pm**Introduction to taking history from a healthy person**Clinical Skills** |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-2:00 pm**Composition and function of blood**(Physiology)****Dr. Nervana Bayoumi** | **1:00-3:00pm****(Practical)**Nervous system**F1** **(Anatomy)****Dr. Sanaa Al-Shaarawi** | **1:00-3:00 pm****Salam** | **1:00-2:00 pm**Fertilization and implantation **(Embryology)****Dr. Sanaa Al-Shaarawi** |
| **2:00-3:00 pm**Structure and functions of carbohydrates **(Biochemistry)****Dr. Sumbul Fatma** | **2:00-3:00 pm**Autonomic nervous system - I**(Physiology)****Dr. Fawzia Al Rouq** |

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| **Week 3 - FOUNDATION BLOCK (Female)** |
| **Week ( 3 ) Starting: 01/10/2017 to 05/10/2017** **Organs and Cells- 1** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****01 October 2017** | **Monday****02 October 2017** | **Tuesday****03 October 2017** | **Wednesday****04 October 2017** | **Thursday****05 October 2017** |
| **8:00 - 10:00 am****Problem-based Learning****Case 1 Tutorial 1****Dr. Mona Badr****Dr. Sumbul Fatma** | **8:00 - 9:00 am**Cellular accumulation and Pathological calcification **(Pathology)****Dr .Sufia Husain** | **8:00 - 9:00 am**Autonomic Nervous System– II**(Physiology)****Dr. Fawzia Al Rouq** | **8:00 - 10:00 am****Problem-based Learning****Case 1 Tutorial 2**  **Dr. Mona Badr** **Dr. Sumbul Fatma** | **8:00 - 10:00 am****(Practical)**Epithelial tissue**F2****(Histology)****Prof. Raeesa Abdultawab**  |
| **9:00 - 10:00 am**Pharmacokinetics I:Drug Administration and absorption**(Pharmacology)****Prof. Hanan Hagar** | **9:00 - 10:00 am**Adaptation to cell injuries**(Pathology)****Dr .Sufia Husain**  |
| **10:00 - 11:00 am**Lymphoid tissue **(Histology)****Prof. Raeesa Abdultawab** | **10:00 - 11:00 am**Connective tissue proper **(Histology)****Prof. Raeesa Abdultawab** | **10:00 - 12:00pm** **(Practical)** Lymphoid tissue**F1** **(Histology)****Prof. Raeesa Abdultawab** | **10:00-12:00 pm****(Practical)** Connective tissue proper **F1****(Histology)****Prof. Raeesa Abdultawab** | **10:00 - 12:00pm**Radial pulse and temperature and resp. rate**Clinical Skills**  |
| **11:00-12:00 pm**Free radical injury, Types of necrosis and Apoptosis**(Pathology)****Dr. Sufia Husain**  | **11:00-12:00 pm****Learning Skills**BlackboardTraining**Eng. Khulood Al-Ghamdi** |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm**  | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-300 pm****(Practical)**Skeletal muscles **F2****(Anatomy)****Dr. Sanaa Al-Shaarawi**  | **1:00-300 pm****(Practical)**Cell injury **(Pathology)****Dr. Sufia Husain** | **1:00-300 pm****(Practical)**Thromboembolic disorders **(Pathology)****Dr. Sufia Husain** | **1:00-3:00 pm****Salam** | **1:00-3:00 pm****(Practical)**Lab orientation and lab safety**(Biochemistry)****Dr. Rana / Dr. Sumbul / Ms.**  **Al Bandari** |

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| **Week 4 - FOUNDATION BLOCK (Female)** |
| **Week ( 4 ) Starting: 08 /10 /2017 to 12/10/2017****Organs and Cells - 2** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****08 October 2017** | **Monday****09 October 2017** | **Tuesday****10 October 2017** | **Wednesday****11 October 2017** | **Thursday****12 October 2017** |
| **8:00 - 9:00 am**Normal flora **(Microbiology)****Prof. Hanan Habib**  | **8:00 - 10:00 am****(Practical)** Lymphoid tissue**F2** **(Histology)****Prof. Raeesa Abdultawab** | **8:00 - 9:00 am**Human chromosomes; genotypes / phenotypes **(Human Genetics)****Dr .Maram Alotaibi** | **8:00 - 9:00 am**Host-Parasite Relationship**(Microbiology)****Prof. Hanan Habib**  | **8:00 - 10:00 am****(Practical)** Histological microtechnique : cell structure**F1****(Histology)****Prof. Raeesa Abdultawab** |
| **9:00-11 :00am** **Practical** DNA Extraction **(Biochemistry)** **Dr. Rana / Dr. Sumbul / Ms. Al Bandari****( Group F1)** | **9:00-10 :00am** **Learning Skills:**How to remain as high achieving students**Dr. Nouf Alrumaihi** | **9:00 - 10:00 am**Classifications of Parasites and Protozoa**(Microbiology)****Dr. Mona Badr**  |
| **10:00 - 11:00 am**Lipid compounds of physiological significance**(Biochemistry)****Dr. Sumbul Fatma** | **10:00 - 11:00 am**Pharmacokinetics II:Bioavailability and distribution**(Pharmacology)****Prof. Hanan Hagar** | **10:00-11:00am**Enzymes and Co-enzymes (I)**(Biochemistry)****Dr. Sumbul Fatma** | **10:00-12:00pm****(Practical)** Connective tissue proper **F2****(Histology)****Prof. Raeesa Abdultawab** |
| **11:00-12:00pm****Learning Skills:****Becoming a PBL Student****Dr Sahar M Aly** | **11:00-12:00pm****Learning Skills:**Learning how to learn-general principles**Dr. Norah AlRowais** | **11:00-12:00pm**Introduction to the cardiovascular system**(Anatomy)****Dr. Jamilah El-Medany** | **11:00-12:00pm****Learning Skills:**Time management**Prof. Lulu Alnuaim** |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-3:00 pm****(Practical)****CBC , ESR****(Physiology)****All Staff** | **1:00-3:00 pm****(Practical)**Nervous system**F2** **(Anatomy)****Dr. Sanaa Al-Shaarawi** | **1:00-3:00 pm****Practical**DNA Extraction **(Biochemistry)** **Dr. Rana / Dr. Sumbul / Ms. Al Bandari****( Group F2 )** | **1:00-3:00 pm****Salam** | **1:00-3:00 pm** **(Practical)**WBC, differential  **(Physiology)**Room2149,2nd FloorRoom 3149,3rd Floor**All staff** |

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| **Week 5 - FOUNDATION BLOCK (Female)** |
| **Week ( 5 ) Starting: 15/10/2017 to 19/10/2017** **Cells and Receptors** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****15 October 2017** | **Monday****16 October 2017** | **Tuesday****17 October 2017** | **Wednesday****18 October 2017** | **Thursday****19 October 2017** |
| **8:00 - 10:00 am****Problem-based Learning****Case 2 Tutorial 1** | **8:00 - 9:00 am****MIDBLOCK****EXAM** | **8:00 - 9:00 am**Viral structure classification**(Microbiology)****Dr. Malak El Hazmi** | **8:00 - 10:00 am****Problem-based Learning****Case 2 Tutorial 2** | **8:00 - 9:00 am****Learning Skills:**Stress management**Dr. Nehal Khamise** |
| **9:00 - 10:00am**Chromosomal Anomalies**(Human Genetics)****Dr. Maram Alotaibi** | **9:00 - 10:00 am**Haemostasis **(Physiology)****Dr. Abeer Alghmlas**  |
| **10:00-11:00am**Control of erythropoiesis, iron metabolism and haemoglobin**(Physiology)****Dr. Nervana Bayoumi** | **10:00 - 11:00 am**Introduction to Immunology & the lymphoid system**(Immunology)****Dr. Reem Sghiri** | **10:00 - 11: 00am** Pharmacokinetics III:Drug metabolism**(Pharmacology)****Prof. Hanan Hagar**  | **10:00-11:00am**Natural Defense mechanism**(Immunology)****Dr. Reem Sghiri** | **10:00 - 12:00pm** Blood pressure measurement **Clinical Skills** |
| **11:00-12:00pm**Sterilization and disinfection **(Microbiology)****Prof. Hanan Habib** | **11:00-12:00pm**Enzymes and co-enzymes (II) **(Biochemistry)****Dr. Sumbul Fatma** | **11:00-12:00pm**Introduction to Metabolism: Anabolism & Catabolism **(Biochemistry)****Dr. Sumbul Fatma** | **11:00-12:00pm** Pharmacokinetics IV:Drug excretion**(Pharmacology)****Prof. Hanan Hagar** |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-2:00 pm**Blood groups and blood transfusion **(Physiology)****Dr. Abeer Alghmlas** | **1:00-2:00 pm**Helminths and Arthropods**(Microbiology)****Dr. Mona Badr** | **1:00-2:00 pm**Tutorial on mechanisms of coagulation bleeding and clotting disorders**(Physiology)****Dr. Abeer Alghmlas** | **1:00-3:00pm****Salam** | **1:00-2:00 pm**Drug acting on autocrine paracrine mediators; Part II **(Pharmacology)****Dr. Alia Alshanwani** |
| **2:00-3:00 pm**Classification of tumors**(Pathology)****Dr. Maria Arafah** | **2:00-3:00 pm**Drug acting on autocrine paracrine mediators: Part I **(Pharmacology)****Dr. Alia Alshanwani** | **2:00-3:00 pm**Mechanism of and factors affecting healing and repair**(Pathology)****Dr. Maha Arafah** | **2:00-3:00 pm** **Learning Skills:**Information gathering: searching internet for medical references**Dr. Nasria Zakria** |

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| **Week 6 - FOUNDATION BLOCK (Female)** |
| **Week ( 6 ) Starting: 22/10/2017 to 26/10/2017** **Biological Mechanisms – 1** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****22 October 2017** | **Monday****23 October 2017** | **Tuesday****24 October 2017** | **Wednesday****25 October 2017** | **Thursday****26 October 2017** |
| **8:00 - 10:00 am****Problem-based Learning****Case 3 Tutorial 1** | **8:00 - 9:00 am**Self-directedlearning | **8:00 - 9:00 am** Cell mediated immunity**(Immunology)****Dr. Reem Sghiri** | **8:00 - 10:00 am****Problem-based Learning****Case 3 Tutorial 2** | **8:00 - 9:00 am**The fungi and their pathogenesis **(Microbiology)****Dr. Maha Al Muhaize** |
|  **9:00 - 10:00 am**Gram positive(+) bacteria, gram negative (-)bacteria **(Microbiology)****Dr. Fawzia Al Otaibi** |  **9:00 - 10:00 am**Chemical mediators in inflammation and patterns of acute inflammation**(Pathology)****Dr. Maha Arafah** | **9:00am - 10:00am**Anaerobic bacteria**(Microbiology)****Dr. Fawzia Al Otaibi** |
| **10:00 - 11:00 am**Definition of inflammation ; acute inflammation**(Pathology)****Dr. Maha Arafah** | **10:00 - 11:00 am**Viral pathogenesis**(Microbiology)****Dr. Malak El Hazmi** | **10:00 - 11:00 am** Chronic inflammation **(Pathology)****Dr. Maha Arafah** | **10:00 - 11:00 am**Major metabolic pathways of glucose**(Biochemistry)****Dr. Rana Hasanato** | **10:00 – 12:00pm**Weight, height and calculation of BMI **Clinical Skills** |
| **11:00-12:00 pm**Vascular and cellular events in inflammation **(Pathology)****Dr. Maha Arafah** | **11:00-12:00pm**Cell signaling & regulation of metabolism **(Biochemistry)****Dr. Rana Hasanato** | **11:00-12:00pm**Tutorial on WBC**(Physiology)****Dr. Abeer Alghmlas**  | **11:00-12:00pm**Antibody mediated immunity **(Immunology)****Dr. Reem Sghiri** |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-2:00 pm**Properties of benign and malignant neoplasms**(Pathology)****Dr. Maria Arafah** | **1:00-3:00 pm****(Practical)**Bleeding, clotting time and blood groups**(Physiology)****All staff** | **1:00-2:00 pm**Biochemical markers for diagnosis and follow up of diseases **(Biochemistry**)**Dr. Rana Hasanato** | **1:00-3:00 pm****Salam** | **1:00-3:00pm****(Practical)**Inflammation **(Pathology)****Dr. Maha Arafah** |
| **2:00-3:00 pm**Etiology of tumors**(Pathology)****Dr. Maria Arafah** | **2:00-3:00 pm**Tolerance and adverse drug reaction**(Pharmacology)****Prof. Yieldez Bassiouni** |

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| **Week 7 - FOUNDATION BLOCK (Female)** |
| **Week ( 7 ) Starting: 29/10/2017 to 02/11/2017****Biological Mechanisms - 2** |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****29 October 2017** | **Monday****30 October 2017** | **Tuesday****31 October 2017** | **Wednesday****01 November 2017** | **Thursday****02 November 2017** |
| **8:00-9:00 am**Introduction to antibiotics**(Microbiology)****Dr Fawzia Al Otaibi** | **8:00 - 10:00 am****Practical**Identification of Micro-Organisms**(Microbiology)****Dr. Malak Al Hazmi** | **8:00 - 9:00 am**Carcinogenesis**(Pathology)****Dr. Maram Alotaibi** | **8:00 - 9:00 am**Definition , mechanism and causes of granulomas**(Pathology)****Dr. Maha Arafah** | **8:00 – 9:00 am** Introduction toImmune deficiency**(Immunology)****Dr. Reem Sghiri** |
| **9:00 - 10:00am****Learning Skills:**Introduction to evidence-based medicine**Dr. Nehal Khamis** | **9:00 - 10:00 am**Pharmacodynamics II:Quantitative aspects of drug action**(Pharmacology)****Prof. Hanan Hagar** | **9:00 - 10:00 am**Pharmacodynamics I:Molecular mechanism of drug action**(Pharmacology)****Prof. Hanan Hagar** | **9:00-10:00am**Self-directedlearning |
| **10:00 - 11:00 am**Glycolysis**( Biochemistry)****Dr. Rana Hasanato** | **10:00 - 11:00 am**Krebs cycle**(Biochemistry)****Dr. Sumbul Fatma** | **10:00 – 12:00pm****(Practical)****Granulomas****(Pathology)****Dr. Maha Arafah** | 10:00 - 11:00 amPharmacodynamics III:Receptor families**(Pharmacology)****Prof. Hanan Hagar** | **10:00 – 12:00pm**Assessment**Clinical Skills**  |
| **11:00-12:00 pm****Learning Skills:** College Assessment System **Prof. Hamza Abdulghani** | **11:00-12:00 pm**Diversity of pathogenic molds and yeasts**(Microbiology)****Dr. Maha Al Muhaizea** | **11:00-12:00 pm**Gluconeogenesis**(Biochemistry)****Dr. Sumbul Fatma** |
| **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** | **Lunch****12:00 – 1:00pm** |
| **1:00-2:00 pm**Mode of inheritance**(Human Genetics)****Dr. Maram Alotaibi** | **1:00-2:00 pm**Atypical mode of inheritance**(Human Genetics)****Dr. Maram Alotaibi**  | **1:00-3:00 pm****(Practical)**Neoplasia (I)**(Pathology)****Dr. Maria Arafah** | **1:00-3:00 pm****Salam** | **1:00-3:00 pm****(Practical)**Neoplasia (II)**(Pathology)****Dr. Maria Arafah** |
| **2:00-3:00 pm**Grading and staging cancer manifestations of malignant neoplasms**(Pathology)****Dr. Maria Arafah** | **2:00-3:00 pm**Hypersensitivity**(Immunology)****Dr. Reem Sghiri** |

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| **Week 8 - FOUNDATION BLOCK (Female)** |
| **Week ( 8 ) Starting 05/11/2017 to 09/11/2017****Consolidation Week**  |
| **CHAIR PERSON : Dr. Nervana Bayoumi** |
| **Sunday****05 November 2017** | **Monday****06 November 2017** | **Tuesday****07 November 2017** | **Wednesday****08 November 2017** | **Thursday****09 November 2017** |
| **Consolidation Week** | **Consolidation Week** | **Consolidation Week** | **Consolidation Week** | **Consolidation Week** |

**Week 9 : Examination week from 12 November to 16 November 2017.**