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| **WEEK 1 – NERVOUS SYSTEM BLOCK (Male-Group B)** |
| **Week (1 ) Starting: 10/9/2011 (12/10/1432H)****ANS, Spinal Cord & Peripheral Nerves** |
| **CHAIR PERSON: Prof. Sultan Ayoub Meo** |
| **CO-CHAIR: Dr. Omar Al-Habib** |
| **Saturday****10 September 2011** | **Sunday****11 September 2011** | **Monday****12 September 2011** | **Tuesday****13 September 2011** | **Wednesday****14 September 2011** |
| **8:00 - 9:00 am****NO LECTURE****General Orientation** | **8:00 -10:00am**Small Group Learning(PBL) **Case 1 Part 1** | **8:00 -10:00 am****Practical** Spinal cord **(Histology)****All** | **8:00 - 9:00am**Embryological development of the spinal cord and vertebral column**(Anatomy)****Dr. Ahmed Fathalla**  | **8:00 - 10:00 am**Small Group Learning(PBL)**Case 1 Part 2** |
| **9:00 - 10:00 am**Physiology ofsynapses and receptors**(Physiology)****Dr. Taha** | **9:00 - 10:00am**Physiology of motor tracts  **(Physiology)** **Dr. Taha**  |
| **10:00 - 11:00am**Organization of the CNS**(Anatomy)** **Prof. Saeed Abumakarem** | **10:0** **-11:00am** Anatomy and physiology of sympathetic nervous system**(Physiology)****Prof. Sultan** | **10:00 - 11:00am**Anatomy and physiology ofparasympathetic NS**(Physiology)****Prof. Sultan** | **10:00 - 11:00 pm**Stretch reflex & Tendon jerks**(Physiology)****Dr. Taha**  | **10:00 - 11:00 am**Physiology of pain **(Physiology)****Prof. Ashraf** |
| **11:00- 12:00 pm**Anatomy of the spinal cord **(Anatomy)****Dr. Khaleel Al Yahiya** | **11:00- 12:00 pm**Sensory tracts **(Anatomy)****Dr. Essam Salama** | **11:00 - 12:00 pm**Pharmacology of central neurotransmitter**(Pharmacology)****Prof. Al Haider** | **11:00 - 12:00 pm**Median and ulnar nerves **(Anatomy)****Dr. Vohra** | **11:00 - 12:00 pm**Sacral plexus, sciatic nerve and femoral nerve **(Anatomy)****Prof. Saeed Abumakarem** |
| **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** |
| **1:00 -3:00 pm****Orientation Lecture****[ Lecture Theater B ]** | **1:00 -2:00pm** Spinal cord Functions & reflexes **(Physiology)****Dr. Taha**  | **1:00 - 3:00pm****Self-Directed****Learning** | **1:00 - 2:00 pm**Spinal cord **(Radiology)****Dr. Taja Al Dean** | **1:00 -3:00pm** **Practical**Dermatomes, myotomes and surface anatomy**(Anatomy)****All** |
| **2:00 – 3:00pm**Brachial plexus and radial nerve**(Anatomy)****Dr. Vohra** |
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| **WEEK 2 – NERVOUS SYSTEM BLOCK (Male-Group B)** |
| **Week (2 ) Starting: 17/09 /2011 (19 /10/1432 H)****Brainstem & Related Cranial Nerves** |
| **CHAIR PERSON : Prof. Sultan Ayoub Meo** |
| **CO-CHAIR: Dr. Omar Al-Habib** |
| **Saturday****17 September 2011** | **Sunday****18 September 2011** | **Monday****19 September 2011** | **Tuesday****20 September 2011** | **Wednesday****21 September 2011** |
| **8:00 - 10:00 am****Practical** Brainstem & CNs **(Anatomy)****All** | **8:00-10:00am**Small Group Learning(PBL)**Case 2 Part 1** | **8:00-9:00am**Biochemistry of myelin**(Biochemistry)****Dr. Amr Moustafa** | **8:00 - 9:00am****Self-Directed Learning** | **8:00 - 10:00 am**Small Group Learning(PBL)**Case 2 Part 2** |
| **9:00 - 10:00 am**Anatomy ofCN 11 & 12 **(Anatomy)** **Dr. Essam Salama** | **9:00 - 10:00 am**Pathology of brain tumors –II**(Pathology)****Dr.Hisham Al-Khaldi** |
| **10:00 - 11:00pm**Anatomy of brainstem**(Anatomy)****Dr. Ahmed Fathalla** | **10:00 -12:00 pm****Practical**EMG/nerve conduction**(Physiology)**  | **10:00 - 11:00am**Pathology of brain tumors –I**(Pathology)****Dr.Hisham Al-Khaldi**  | **10:00 - 11:00am****Becoming a student in a PBL tutorial****Prof. Azer** | **10:00 -12:00 pm****Practical**brachial plexus and lumbosacral Plexus**(Anatomy)****All** |
| **11:00 – 12:00pm**Internal structures of the brainstem **(Anatomy)****Dr. Vohra** | **11:00 - 12:00 pm**Normal cells of the CNS**(Histology)** **Dr. Ali Mohammad**  | **11:00 - 12:00 pm**Radiology of brain stem and cerebellum**(Radiology)****Dr. Hamdy Hassan** |
| **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** |
| **1:00 - 3:00pm**Examination of sensory system**(Introduction to Clinical Medicine)****Group - B1** | **1:00 -2:00pm**  Anatomy ofCN 9&10**(Anatomy)****Dr. Essam Salama** | **1:00 - 3:00 pm****Salam** | **1:00 - 2:00 pm****Self-Directed Learning** | **1:00 -3:00pm****Practical** Neuropathology I **(Pathology)**  **Dr.Amer Shefi** |
| **2:00 – 3:00pm**Physiology of the brainstem **(Physiology)** **Prof. Ashraf**  |
| **2:00 – 3:00pm**Pathology and pathogenesis of multiple sclerosis**(Pathology)****Dr.Hisham Al-Khaldi** |
| **LECTURE THEATER B****Room No.236, Level 2** |
| **WEEK 3 – NERVOUS SYSTEM BLOCK (Male-Group B)** |
| **Week (3 ) Starting: 24/09 /2011 (26 /10/1432 H)****Hearing & Special Senses** |
| **CHAIR PERSON : Prof. Sultan Ayoub Meo** |
| **CO-CHAIR: Dr. Omar Al-Habib** |
| **Saturday** **24 September 2011** | **Sunday****25 September 2011** | **Monday****26 September 2011** | **Tuesday****27 September 2011** | **Wednesday****28 September 2011** |
| **National Holiday** | **8:00 -10:00 am**Small Group Learning(PBL)**Case 3 Part 1** | **8:00-9:00am** Photo transduction in light and dark**(Physiology)** **Prof. Gader**  | **8:00 - 9:00 am**Physiology of the eye & refraction**(Physiology)****Prof. Gader**  | **8:00 - 10:00 am** Small Group Learning(PBL)**Case 3 Part 2** |
| **9:00 – 10:00am**Introduction to the course and overview about professionalism**(Professionalism)** | **9:00 – 10:00am**Cranial nerve 8**(Anatomy)****Dr. Ahmed Fathalla**  |
| **10:00 – 11:00 am**Physiology of hearing**(Physiology)** **Prof. Gader**  | **10:00 – 11:00 am** Microbiology of middle ear infection**(Microbiology)****Dr. Ali Somily** | **10:00 - 12:00pm**Physiology of color vision**(Physiology)****Prof. Gader** | **10:00 - 11:00am**Vitamin A**(Biochemistry)****Dr. Usman Ghani**  |
| **11:00 - 12:00pm**Anatomy of the Ear**(Anatomy)****Prof. Saeed Abumakarem** | **11:00- 12:00pm****Self-Directed Learning** | **11:00- 12:00pm**Cranial nerves: 2, 3, 4, 6**(Anatomy)****Dr. Essam Salama** | **11:00- 12:00pm**Vision, Accommodation & the light pathways and effects of lesions­**(Physiology)**  **Prof. Gader**   |
| **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** |
| **1:00 - 3:00** **Practical** Audiometry **(Physiology)** | **1:00 -3:00 pm****Salam** | **1:00 - 3:00 pm** **Self-Directed****Learning** | **1:00 -2:00pm**Anatomy of the nose and olfactory nerve**(Anatomy)****Dr. Vohra**  |
| **2:00 - 3:00** Physiology of taste and smell**(Physiology)** **Prof. Gader**  |

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| **WEEK 4 – NERVOUS SYSTEM BLOCK (Male-Group B)** |
| **Week (4 ) Starting: 01/10/2011 (3/11/1432 H)****The Balance System** |
| **CHAIR PERSON : Prof. Sultan Ayoub Meo** |
| **CO-CHAIR: Dr. Omar Al-Habib** |
| **Saturday****01 October 2011** | **Sunday****02 October 2011** | **Monday****03 October 2011** | **Tuesday****04 October 2011** | **Wednesday****05 October 2011** |
| **8:00 - 9:00am** Pathways of proprioception**(Physiology)****Prof. Ashraf**  | **8:00 - 9:00am**Physiology of the proprioceptors in balance**(Physiology)** **Prof. Ashraf**  | **8:00-9:00am**Physiology of the inner ear**(Physiology)****Prof. Gader** | **8:00 - 9:00am**Physiology of the cerebellum**(Physiology)****Prof. Sultan** | **8:00 - 9:00 am****Self Directed****Learning** |
| **9:00 - 10:00 am** **Self Directed** **Learning** | **9:00 – 10:00 am**Introduction to the cerebellum and 8th cranial nerve **(Physiology)****Prof. Sultan** | **9:00 – 10:00am****Self Directed** **Learning** | **9:00 – 10:00am****Self Directed****Learning** | **9:00 - 10:00 am**Drugs related to balance system**(Pharmacology)****Dr. Osama** |
| **10:00 - 11:00am**Nerve supply of the face (Cranial nerves 5 and 7) **(Anatomy)****Prof. Saeed Abumakarem** | **10:00 - 11:00am**Anatomy of the cerebellum and the relevant connections**(Anatomy)****Dr. Ahmed Fathalla** | **10:00 - 12:00pm**Examination of sensory system**(Introduction to Clinical Medicine)****Group - B2** | **10:00 -11:00** **am**Physiology of postural reflexes**(Physiology)****Prof. Ashraf**  | **10:00 - 11:00am**Epilepsy**(Neurology)** **Prof. Saad Al Rajeh** |
| **11:00- 12:00pm**Introduction to the balance system**(Neurology)** **Prof. Abdulrhaman Al Tahan** | **11:00- 12:00pm****Self Directed** **Learning** | **11:00- 12:00pm****Self Directed** **Learning** | **11:00- 12:00pm**Physiology of sleep**(Physiology)****Dr. Taha** |
| **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** |
| **1:00 - 3:00 pm****Practical** cerebellum and 5-12 cranial nerve**(Anatomy)****All** | **1:00 - 3:00 pm**Definition and key elements of professionalism. General concepts of professionalism**(Professionalism)****Prof. Samy Azer** | **1:00 - 3:00 pm****Salam** | **1:00 - 2:00 pm****Self-Directed****Learning** | **1:00 - 3:00 pm****Self Directed** **Learning** |

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| **WEEK 5 – NERVOUS SYSTEM BLOCK (Male-Group B)** |
| **Week (5 ) Starting: 08/10/2011 (10/11/1432 H)****Cerebral Hemisphere & Blood Circulation** |
| **CHAIR PERSON : Prof. Sultan Ayoub Meo** |
| **CO-CHAIR: Dr. Omar Al-Habib** |
| **Saturday** **08 October 2011** | **Sunday****09 October 2011** | **Monday****10 October 2011** | **Tuesday****11 October 2011** | **Wednesday****12 October 2011** |
| **8:00 – 9:00 am**Functions of cerebral hemisphere**(Physiology)** **Prof. Ashraf**  | **8:00 -10:00 am**Small Group Learning(PBL)**Case 4 Part 1** | **8:00-10:00am**Motor examination**(Introduction to clinical medicine)****Group - B1**  | **8:00 - 9:00am**Pathogenesis and risk factors of cerebrovascular accidents-I**(Pathology)****Dr.Hisham Al-Khaldi** | **8:00 - 10:00 am** Small Group Learning(PBL)**Case 4 Part 2** |
| **9:00 – 10:00 am**Anatomy of the cerebral hemispheres**(Anatomy)****Dr. Essam Salama** | **9:00 – 10:00am**Pathogenesis and risk factors of cerebrovascular accidents-II**(Pathology)****Dr.Hisham Al-Khaldi** |
| **10:00 - 12:00 pm****Practical**Radiology and anatomy of cerebral hemisphere **(Anatomy& Radiology)****All** | **10:00- 11:00 am**Physiology of brain transmitters **(Physiology)** **Dr. Taha**  | **10:00 - 11:00am**Autoregulation of cerebral blood flow **(Physiology)****Prof. Sultan** | **10:00 - 12:00 pm** Motor examination**(Introduction to clinical medicine)****Group – B2** | **10:00 - 11:00am**Radiology of cerebral hemisphere**(Radiology)****Prof. Ibrahim Al Orini** |
| **11:00 - 12:00 pm** Drugs used in epilepsy-I**(Pharmacology)****Dr. Ishfaqe Bokhari** | **11:00 - 12:00 pm** Upper and lower neuron lesions **(Physiology)****Prof. Ashraf** | **11:00- 12:00 pm**Physiology of consciousness**(Physiology)****Dr. Taha** |
| **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** |
| **1:00 - 2:00 pm**Cerebral blood circulation{arteries and veins}**(Anatomy)****Dr. Khaleel Al Yahiya** | **1:00 -2:00pm**Understanding the physiological basis of speech disorders**(Neurology)****Dr. Fawaz Al Hussain** | **1:00 - 3:00 pm****Salam** | **1:00 - 2:00 pm**Embryology of cerebral hemisphere and cerebellum**(Anatomy)****Prof. Saeed Abumakarem** | **1:00 -2:00pm**Spasticity and increased muscle tone **(Physiology)****Dr. Taha** |
| **2:00 – 3:00pm**Physiology of speech**(Physiology)****Dr. Shahid** | **2:00 – 3:00pm**Pathogenesis of cerebral infarction at cellular and molecular levels **(Biochemistry)****Dr. Amr Moustafa** | **2:00 – 3:00pm****Self-Directed****Learning** | **2:00 – 3:00pm**Drugs used in epilepsy- II **(Pharmacology)****Dr. Ishfaqe Bokhari** |

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| **WEEK 6 – NERVOUS SYSTEM BLOCK (Male-Group B)** |
| **Week (6 ) Starting: 15/10/2011 (17/11/1432 H)****Neuropsychiatric Disorders and Basal Ganglia** |
| **CHAIR PERSON : Prof. Sultan Ayoub Meo** |
| **CO-CHAIR: Dr. Omar Al-Habib** |
| **Saturday** **15 October 2011** | **Sunday****16 October 2011** | **Monday****17 October 2011** | **Tuesday****18 October 2011** | **Wednesday****19 October 2011** |
| **8:00 – 10:00 am** | **8:00 -10:00 am**Small Group Learning(PBL)**Case 5 Part 1** | **8:00 - 9:00am**Depression **(Psychiatry)****Dr. Al Jarad** | **8:00 - 9:00am**Pain modulation**(Physiology)** **Prof. Ashraf**  | **8:00 - 10:00 am**Small Group Learning(PBL)**Case 5 Part 2** |
| **Mid Exam** |
| **9:00 – 10:00am**Introduction to degenerative brain diseases**(Pathology)****Dr.Hisham Al-Khaldi** | **9:00 – 10:00am** Schezophrenia**(Psychiatry)****Dr. Al Osaimi** |
| **10:00 - 11:00 am**Physiology of basal ganglia and regulatory mechanisms**(Physiology)****Dr. Shahid** | **10:00 - 11:00am**Anatomy of the limbic system and thalamus**(Anatomy)****Prof. Saeed Abumakarem** | **10:00 - 11:00am**Drugs used in headache and migraine**(Pharmacology)****Dr. Mahesar** | **10:00 - 11:00 am** Drugs used in schizophrenia **(Pharmacology)****Prof. Al Motrefi**  | **10:00 - 11:00am**Biochemical aspects of Alzheimer**(Biochemistry)****Dr. Azhar Chishti** |
| **11:00 - 12:00 pm**Drugs used in anxiety and panic disorders**(Pharmacology)****Dr. Osama** | **11:00 - 12:00 pm**Drugs used in management of pain**(Pharmacology)****Dr. Osama** | **11:00- 12:00pm**Introduction to neuropsychiatric disorders**(Psychiatry)****Dr. Bazaid** | **11:00- 12:00pm****Feedback in midterm examination** | **11:00- 12:00pm**Drugs used in parkinsonism**(Pharmacology)** **Prof. Al Haider** |
| **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** |
| **1:00 - 2:00 pm**Anatomy of the basal ganglia and connections**(Anatomy)****Dr. Ahmed Fathalla** | **1:00 -3:00pm**Accountability and professional responsibilities**(Professionalism)****Prof. Sami Azer** | **1:00 - 2:00 pm****Salam** | **1:00 - 3:00 pm****Self Directed** **Learning** | **1:00 -3:00 pm**Clinical examination of cranial nerves**(Introduction to Clinical Medicine)****Group - B2** |
| **2:00 - 4:00 pm**Clinical examination of cranial nerves**(Introduction to Clinical Medicine)****Group B-1** |

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| **WEEK 7 – NERVOUS SYSTEM BLOCK (Male-Group B)** |
| **Week (7 ) Starting: 22/10/2011 (24/11/1432 H)****Cerebrospinal Circulation and CNS Infections** |
| **CHAIR PERSON : Prof. Sultan Ayoub Meo** |
| **CO-CHAIR: Dr. Omar Al-Habib** |
| **Saturday****22 October 2011** | **Sunday****23 October 2011** | **Monday****24 October 2011** | **Tuesday****25 October 2011** | **Wednesday****26 October 2011** |
| **8:00 –10:00 am**Initiative, integrity and trustworthiness**(Professionalism)****Dr. Shaik Mujeeb** | **8:00 -10:00 am**Small Group Learning(PBL)**Case 6 Part 1** | **8:00-9:00am**Congenital malformations and Hydrocephalus**(Pathology)****Dr.Hisham Al-Khaldi** | **8:00 - 9:00am****Self Directed Learning** | **8:00 - 10:00 am**Small Group Learning(PBL)**Case 6 Part 2** |
| **9:00 – 10:00am****Self Directed** **Learning** | **9:00 – 10:00am** Pathology of meningitis and its complications **(Pathology) Dr.Hisham Al-Khaldi** |
| **10:00 - 11:00am**Anatomy of the meninges, CNS cavities, and CSF circulation**(Anatomy)****Dr. Essam Salama** | **10:00- 11:00** **am**Drugs used in depression- old groups **(Pharmacology)****Prof. Al Haider**  | **10:00 - 11:00am**Fungal infections of the CNS**(Microbiology)****Dr. AhmedAl Barrag** | **10:00 - 11:00** **am**Biochemical aspects of CSF**(Biochemistry)****Dr. Amr Moustafa**  | **10:00 - 11:00am**Cerebral TB and other chronic cerebral infections**(Microbiology)****Prof. Kambal** |
| **11:00 - 12:00 pm****Self Directed** **Learning** | **11::00 - 12:00 pm**Microbiology of acute pyogenic meningitis**(Microbiology)** **Dr. Ali Somily**  | **11:00- 12:00pm**Viral infections of the CNS **(Microbiology)** **Dr. A. K Al Hatheel** | **11:00 - 12:00 pm** Drugs used in meningitis **(Pharmacology)****Dr. Ishfaqe Bokhari** | **11:00- 12:00pm** Cerebral malaria **(Microbiology)** **Prof. Adeel** |
| **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** |
| **1:00 - 3:00 pm****Self Directed** **Learning** | **1:00 -2:00pm**Drugs used in depression- new groups **(Pharmacology)****Prof. Al Haider** | **1:00 - 3:00 pm****Salam** | **1:00 - 3:00 pm****Practical**Biochemical aspects of CSF **(Biochemistry)****Dr. Chishti and others** | **1:00 -3:00pm** **Practical** Neuropathology II**Dr.Amer Shefi** |

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| **WEEK 8 – NERVOUS SYSTEM BLOCK (Male-Group B)** |
| **Week (8 ) Starting: 29/10/2011 (02/12/1432 H)****Ageing and Trauma of the Nervous system**  |
| **CHAIR PERSON : Prof. Sultan Ayoub Meo** |
| **CO-CHAIR: Dr. Omar Al-Habib** |
| **Saturday****29 October 2011** | **Sunday****30 October 2011** | **Monday****31 October 2011** | **Tuesday****01 November 2011** | **Wednesday****02 November 2011** |
| **8:00 - 9:00am**Vitamin B6 and B12**(Biochemistry)****Dr. Usman Ghani** | **8:00 – 9:00am****Self Directed Learning** | Vacation | Vacation | Vacation |
| **9:00 – 10:00am**Ageing and changes in the brain**(Physiology)****Dr. Shahid** | **9:00 – 10:00am****Self Directed Learning** |
| **10:00 - 11:00am**Pathological aspects of trauma and cellular aspects of injury**(Pathology)****Dr.Hisham Al-Khaldi** | **10:00 – 11:00am****Self Directed Learning** |
| **11:00- 12:00pm****Self Directed Learning** | **11:00 – 12:00pm****Self Directed Learning** |
| **Lunch****12:00- 1:00 pm** | **Lunch****12:00- 1:00 pm** |
| **1:00 - 2:00 pm**Alcohol and the brain **(Pharmacology)** **Prof. Al Haider** | **1:00 – 2:00pm****Self Directed Learning** |
| **2:00 – 3:00pm****Self Directed Learning** | **2:00 – 3:00pm****Self Directed Learning** |

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| **WEEK 9 – NERVOUS SYSTEM BLOCK (Male-Group B)** |
| **Week (9 ) Starting:****27/11/2010 (21/12/1431H)** |
| **CHAIR PERSON : Prof. Sultan Ayoub Meo** |
| **CO-CHAIR: Dr. Omar Al-Habib** |
| **Saturday****05 November 2011** | **Sunday****06 November 2011** | **Monday****07 November 2011** | **Tuesday****08 November 2011** | **Wednesday****09 November 2011** |
| Vacation | Vacation | Vacation | Vacation | Vacation |

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| **WEEK 10 – NERVOUS SYSTEM BLOCK (Male-Group B)** |
| **Week (10 ) Starting: 12/11/2011 (16/12/1432 H)****Revision Week** |
| **CHAIR PERSON : Prof. Sultan Ayoub Meo** |
| **CO-CHAIR: Dr. Omar Al-Habib** |
| **Saturday****12 November 2011** | **Sunday****13 November 2011** | **Monday****14 November 2011** | **Tuesday****15 November 2011** | **Wednesday****16 November 2011** |
| **Revision** | **Revision** | **Revision** | **Revision** | **Revision** |