## CS-1A

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	Islamic Studies/Ethics 1 Rizwanullah	Introduction to Information and Communication Technology - Lab 1 Muiz Qadir			English Composition and Comprehension - Lab Muhammad Iqbal	
Tuesday	Linear Algebra 1 Amjad Hussain	Islamic Studies/Ethics 1 Rizwanullah	English Composition and Comprehension - Lab  1 Sadia Ashfaq English Composition and Comprehension  1 Muhammad Ammar		English Composition and Comprehension - Lab 1 Sadia Ashfaq	
Wednesday	Digital Logic Design - Lab 1 Muhammad Arslan		Programming Fundamentals 1 Rizwan ul Haq	L U N C H	Digital Logic Design 1 Mirza Waqar Baig	English Composition and Comprehension 1 Junaid Shahid
Thursday	Programming Fundamentals - Lab  Mughees Ismail		Digital Logic Design 1 Mirza Waqar Baig		Programming Fundamentals 1 Rizwan ul Haq	
Friday			Linear Algebra 1 Amjad Hussain		English Composition and Comprehension  1 Muhammad Ammar  English Composition and Comprehension  1 Junaid Shahid	

## CS-1B

Day/Period	ī	п	ш	1:15-1:45	IV	v
Monday	Programming Fundamentals 1 Rizwan ul Haq	English Composition and Comprehension - Lab 1 Farah Iqbal	English Composition and Comprehension - Lab  1 Farah Iqbal  English Composition and Comprehension  1 Muhammad Ammar		Digital Logic Design - Lab Mujahid Hussain	1
Tuesday	Linear Algebra 1 Amjad Hussain		Introduction to Information and Communication Technology - Lab		Introduction to Information and Communication Technology - Lab 1 Umar Naseer	
Wednesday	English Composition and Comprehension 1 Junaid Shahid	Programming Fundamentals - Lab  1 Pariwish Touseef		L U N C H	Digital Logic Design 1 Muhammad Sajid Iqbal	Linear Algebra 1 Amjad Hussain
Thursday	English Composition and Comprehension - Lab  Muhammad Iqbal		Digital Logic Design 1 Muhammad Sajid Iqbal		English Composition and Comprehension 1 Muhammad Ammar	Programming Fundamentals 1 Rizwan ul Haq
Friday		Islamic Studies/Ethics 1 Rizwanullah			English Composition and Comprehension 1 Junaid Shahid	Islamic Studies/Ethics 1 Rizwanullah

## CS-1C

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	English Composition and Comprehension - Lab 1 Rida Akram	English Composition and Comprehension - Lab  1 Rida Akram  English Composition and Comprehension  1 Junaid Shahid	English Composition and Comprehension - Lab 1 Junaid Shahid		English Composition and Comprehension - Lab  1  Junaid Shahid  English Composition and Comprehension  1  Muhammad Ammar	English Composition and Comprehension 1 Muhammad Ammar
Tuesday	Digital Logic Design - Lab Mujahid Hussain	1	Programming Fundamentals 1 Dr. Rabia Maqsood		Islamic Studies/Ethics 1 Zia Ahmad	
Wednesday	Introduction to Information and Communication Technology - Lab			L U N C H	Islamic Studies/Ethics 1 Zia Ahmad	Digital Logic Design 1 Dr. Adil Zulfiqar
Thursday			Digital Logic Design 1 Dr. Adil Zulfiqar		Programming Fundamenta Ayesha Liaqat	ıls - Lab
Friday	Linear Algebra Amjad Hussain	1			Programming Fundamentals 1 Dr. Rabia Maqsood	English Composition and Comprehension 1 Junaid Shahid

## CS-1D

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Calculus and Analytical Geometry 1 Dr.Mushtaq Ahmad	Islamic Studies/Ethics 1 Zia Ahmad	English Composition and Comprehension - Lab 1 Rida Akram		English Composition and Comprehension - Lab 1 Rida Akram	English Composition and Comprehension 1 Farah Iqbal
Tuesday	Introduction to Information and Communication Technology - Lab				Islamic Studies/Ethics 1 Zia Ahmad	English Composition and Comprehension 1 Sadia Ashfaq
Wednesday	English Composition and Comprehension - Lab  Amna Farooq			L U N C H	English Composition and Comprehension 1 Sadia Ashfaq	Applied Physics  1 Waheed Ahmad
Thursday	Applied Physics 1 Waheed Ahmad	Programming Fundamentals 1 Dr. Rabia Maqsood	English Composition and Comprehension 1 Farah Iqbal		Programming Fundamentals - Lab Muhammad Azeem Iftikhar	
Friday					Calculus and Analytical Geometry 1 Dr.Mushtaq Ahmad	Programming Fundamentals 1 Dr. Rabi a Maqsood

# CS-1E

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday		Introduction to Information Technology - Lab Muiz Qadir	on and Communication		English Composition and C	Comprehension - Lab
Tuesday	Programming Fundamentals 1 Dr. Danish Shehzad	Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad			Programming Fundamenta Mughees Ismail	ıls - Lab
Wednesday	Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad	Pakistan Studies Asif Naveed	1	L U N C H	Programming Fundamentals 1 Dr. Danish Shehzad	
Thursday	English Composition and Comprehension 1 Farah Iqbal	English Composition and Comprehension - Lab  1 Mah Rukh English Composition and Comprehension  1 Farah Iqbal	English Composition and Comprehension - Lab 1 Mah Rukh			
Friday	English Composition and Comprehension 1 Muhammad Iqbal		English Composition and Comprehension 1 Muhammad Iqbal		Applied Physics Waheed Ahmad	1

# CS-1F

Day/Period	I	II	ш	1:15-1:45	IV	v
Monday	Pakistan Studies Asif Navced	1			English Composition and C	Comprehension - Lab
Tuesday	Applied Physics 1 Waheed Ahmad		English Composition and Comprehension 1 Muhammad Iqbal		English Composition and Comprehension - Lab  1 Mah Rukh  English Composition and Comprehension  1 Sadia Ashfaq	English Composition and Comprehension - Lab 1 Mah Rukh
Wednesday	Introduction to Information Technology - Lab Muhammad Haseeb Arshad	1		L U N C H		Applied Physics 1 Waheed Ahmad
Thursday			Programming Fundamentals - Lab 1 Umar Naseer		Programming Fundamentals - Lab 1 Umar Nascer	Programming Fundamentals 1 Saqib Hayat
Friday		Programming Fundamentals 1 Saqib Hayat	Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad		Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad	English Composition and Comprehension  1 Sadia Ashfaq  English Composition and Comprehension  1 Muhammad Iqbal

## CS-3A

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday		Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari	Computer Organization and Assembly Language Lab  1 Abuzar Ghafari  Applied Physics  1 Muhammad Mohsin Hameed		Object Oriented Programming - Lab 1 Muhammad Hannan Farooq	Object Oriented Programming - Lab  1 Muhammad Hannan Farooq Discrete Structures 1 Dr. Muhammad Ahmad
Tuesday	Object Oriented Programming 1 Shoaib Saleem	Data Structures 1 Muhammad Husnain	Data Structures - Lab 1 Saba Asl am		Data Structures - Lab 1 Saba Asl am	Applied Physics  1  Muhammad Mohsin Hameed  Computer Organization and Assembly Language  1  Abdul Qadeer Bilal
Wednesday	Finance & Accounting 1 Agha Mureed Ahmad Khan	Linear Algebra 1 Ghilmana Sarmad	Calculus and Analytical Geometry 1 Bushra Niaz	L U N C H		Linear Algebra 1 Ghilmana Sarmad
Thursday	Finance & Accounting 1 Agha Mureed Ahmad Khan	Computer Organization and Assembly Language 1 Abdul Qadeer Bilal Digital Logic Design 1 Muhammad Irfan Ishaq	Calculus and Analytical Geometry 1 Bushra Niaz		Differential Equations 1 Arfan Shahzad	Discrete Structures  1 Dr. Muhammad Ahmad
Friday	Data Structures 1 Muhammad Husnain		Differential Equations 1 Arfan Shahzad		Object Oriented Programming 1 Shoaib Saleem	Digital Logic Design 1 Muhammad Irfan Ishaq

# CS-3B

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Object Oriented Programmi Muhammad Hannan Faroo	1	Fundamentals of Management 1 Muhammad Tayyeb Riaz		Computer Orgnaization an	d Assembly Language - Lab 1
Tuesday			Differential Equations  1 Arfan Shahzad  Object Oriented Programming  1 Dr Usman Habib		Data Structures - Lab Muhammad Hannan Faroo	q
Wednesday	Differential Equations 1 Arfan Shahzad			L U N C H	Fundamentals of Management 1 Muhammad Tayyeb Riaz	
Thursday		Object Oriented Programming 1 Dr Usman Habib	Discrete Structures 1 Dr. Muhammad Ahmad			Computer Organization and Assembly Language 1 Abdul Qadeer Bilal
Friday		Computer Organization and Assembly Language 1 Abdul Qadeer Bilal				Discrete Structures  1 Dr. Muhammad Ahmad

# CS-3C

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday					Marketing Management 1 Syed Zeeshan Haider	
Tuesday	Differential Equations 1 Arfan Shahzad				Computer Orgnaization an Ali Raza	d Assembly Language - Lab 1
Wednesday	Differential Equations 1 Arfan Shahzad		Data Structures 1 Dr. Hashim Yasin	L U N C H		
Thursday	Data Structures - Lab Mughees Ismail	1				Marketing Management 1 Syed Zeeshan Haider
Friday			Data Structures 1 Dr. Hashim Yasin			

# CS-3D

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday			Discrete Structures 1 Usman Ghous			Marketing Management 1 Syed Zeeshan Haider
Tuesday	Data Structures 1 Muhammad Usman Joyia					
Wednesday		Differential Equations 1 Muhammad Waqas Javed	Data Structures - Lab 1 Saba Aslam	L U N C H	Data Structures - Lab 1 Saba Aslam	Marketing Management 1 Syed Zeeshan Haider
Thursday	Computer Orgnaization and Assembly Language - Lab  1 Ali Raza		Differential Equations 1 Muhammad Waqas Javed			
Friday	Data Structures 1 Muhammad Usman Joyia		Discrete Structures 1 Usman Ghous			

# CS-3E

Day/Period	ī	п	ш	1:15-1:45	IV	v
Monday			Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari		Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari	
Tuesday			Finance & Accounting 1 Agha Mureed Ahmad Khan			
Wednesday		Finance & Accounting 1 Agha Mureed Ahmad Khan		L U N C H		
Thursday						
Friday			Differential Equations 1 Hayat Ali		Differential Equations 1 Hayat Ali	

## CS-5A

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Software Design and Analysis 1 Dr. Muhammad Bilal	Computer Networks - Lab 1 Ayesha Liaqat		Computer Networks - Lab 1 Ayesha Liaqat	
Tuesday	Computer Networks  1 Masood Habib				Software Design and Analysis 1 Dr. Muhammad Bilal	Probability and Statistics 1 Haris Khurram
Wednesday		Web Programming 1 Muhammad Shahrose Khan		L U N C H		Theory of Automata 1 Anmol Bilal
Thursday	Theory of Automata  1 Anmol Bilal	Web Programming 1 Muhammad Shahrose Khan			Probability and Statistics 1 Haris Khurram	Computer Networks  1  Masood Habib
Friday						

# CS-5B

Day/Period	I	II	ш	1:15-1:45	IV	v
Monday	Software Design and Analysis 1 Dr. Muhammad Bilal	Theory of Automata  1 Anmol Bilal				
Tuesday	Computer Networks  Dr. Bilal Khan	1			Marketing Management 1 Hafiz M.Zeeshan Raza	Theory of Automata  1 Anmol Bilal
Wednesday			Computer Networks - Lab 1 Ayesha Liaqat	L U N C H	Computer Networks - Lab 1 Ayesha Liaqat	
Thursday	Web Programming Muhammad Shahrose Khar	1			Marketing Management 1 Hafiz M.Zeeshan Raza	
Friday	Software Design and Analysis 1 Dr. Muhammad Bilal					

# CS-5C

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Probability and Statistics 1 Haris Khurram	Advanced Programming Awais Azam	1			
Tuesday	Computer Networks - Lab Sumaira Mustafa	1				Software Design and Analysis 1 Dr. Uzair Iqbal
Wednesday	Theory of Automata 1 Numan Shafi		Software Design and Analysis 1 Dr. Uzair Iqbal	L U N C H		
Thursday			Computer Networks 1 Dr. Bilal Khan		Theory of Automata 1 Numan Shafi	Computer Networks 1 Dr. Bilal Khan
Friday					Probability and Statistics 1 Haris Khurram	

# **CS-5D**

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Design and Analysis of Algorithms 1 Shoaib Saleem				Psychology 1 Aisha Bano	
Tuesday			Database Systems 1 Saqib Hayat		Database Systems - Lab Saqib Hayat	1
Wednesday		Operating System 1 Usman Ghous		L U N C H	Database Systems  1 Saqib Hayat  Discrete Structures  1 Usman Ghous	
Thursday		Design and Analysis of Algorithms 1 Shoaib Saleem	Operating System  1 Usman Ghous		Operating Systems - Lab Muhammad Haseeb Arshad	1
Friday	Discrete Structures  1 Usman Ghous  Psychology  1 Aisha Bano		Theory of Automata 1 Numan Shafi			Theory of Automata 1 Numan Shafi

# CS-5E

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday			Psychology 1 Aisha Bano			Database Systems 1 Aliza Saced
Tuesday	Database Systems - Lab Muhammad Shahrose Khar	1				
Wednesday	Design and Analysis of Algorithms 1 Shoaib Saleem			L U N C H	Theory of Automata Numan Shafi	1
Thursday	Operating Systems - Lab  Muhammad Yousaf					
Friday		Psychology 1 Aisha Bano			Design and Analysis of Algorithms 1 Shoaib Saleem	Database Systems 1 Aliza Saced

## CS-7A

Day/Period	I	П	ш	1:15-1:45	IV	v
Monday	Information Security  1 Dr. Danish Shehzad	Artificial Intelligence 1 Dr. Shahnawaz Qureshi	Data Mining 1 Dr. Rabia Maqsood		Data Mining 1 Dr. Rabia Maqsood	
Tuesday	Software Engineering 1 Awais Azam	Professional Practices in I'l Rizwan ul Haq	1			Software Engineering  1 Awais Azam
Wednesday				L U N C H		
Thursday	Data Science Adeel Ashraf Cheema	1	Artificial Intelligence - Lab 1 Saba Aslam		Artificial Intelligence - Lab 1 Saba Aslam	
Friday	Artificial Intelligence 1 Dr. Shahnawaz Qureshi		Information Security  1 Dr. Danish Shehzad			

## **CS-7B**

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday			Data Science 1 Adeel Ashraf Cheema		Data Mining 1 Nasreen Akhtar	Information Security  1 Dr. Danish Shehzad
Tuesday	Professional Practices in IT 1 Masood Habib		Data Mining 1 Nasreen Akhtar			
Wednesday				L U N C H	Data Science 1 Adeel Ashraf Cheema	Information Security  1 Dr. Danish Shehzad
Thursday		Software Engineering 1 Awais Azam				
Friday			Professional Practices in IT 1 Masood Habib			Software Engineering  1 Awais Azam

## **CS-7C**

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday						
Tuesday	Information Security 1 Dr. Irfan ul Haq	Applied Machine Learning 1 Dr. Hashim Yasin				
Wednesday	Information Security 1 Dr. Irfan ul Haq			L U N C H	Professional Practices in I' Masood Habib	1
Thursday	Software for Mobile Devices	s - Lab 1				
Friday	Applied Machine Learning 1 Dr. Hashim Yasin					

# CS-7D

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday						Applied Machine Learning 1 Dr. Hashim Yasin
Tuesday		Information Security  1 Dr. Muhammad Umar Aftab	Software for Mobile Devices - Lab 1 Tahir Farooq		Software for Mobile Devices - Lab 1 Tahir Farooq	
Wednesday				L U N C H		
Thursday		Applied Machine Learning 1 Dr. Hashim Yasin				
Friday	Professional Practices in IT 1 Tehreem Aslam	Information Security  1 Dr. Muhammad Umar Aftab			Professional Practices in IT 1 Tehreem Aslam	

# CS-7E

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	Professional Practices in II Tehreem Aslam	· 1				
Tuesday						
Wednesday			Information Security  1 Dr. Muhammad Umar Aftab	L U N C H	Information Security  1 Dr. Muhammad Umar Aftab	
Thursday					Fundamentals of Software Project Management 1 Dr. Muhammad Bilal	
Friday	Software Testing 1 Dr. Uzair Iqbal		Fundamentals of Software Project Management 1 Dr. Muhammad Bilal		Software Testing 1 Dr. Uzair Iqbal	

# CS-7F

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday						
Tuesday		Software Testing 1 Dr. Uzair Iqbal				
Wednesday				L U N C H	Software Testing 1 Dr. Uzair Iqbal	
Thursday					Remote Sensing and GIS 1 Dr M. Shahzad Sarfraz	
Friday	Remote Sensing and GIS 1 Dr M. Shahzad Sarfraz					

## CS-9A

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Computer Architecture  1 Muhammad Usman Joyia					
Tuesday	Software for Mobile Devices No-Teacher	s-Lab 1				
Wednesday				L U N C H		
Thursday						
Friday			Computer Architecture 1 Muhammad Usman Joyia			

## SE-1A

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	English Composition and C	1	English Composition and Comprehension - Lab  1 Ehtasham-Ul-Haq English Composition and Comprehension  1 Sadia Ashfaq		English Composition and Comprehension - Lab 1 Ehtasham-Ul-Haq	English Composition and Comprehension 1 Sadia Ashfaq
Tuesday	Programming Fundamentals 1 Sumaira Mustafa		Pakistan Studies 1 Asma Yaqoob		Calculus and Analytical Geometry 1 Bushra Niaz	Applied Physics  1 Waheed Ahmad
Wednesday	Programming Fundamentals - Lab  Sumaira Mustafa			L U N C H	Pakistan Studies 1 Asma Yaqoob	
Thursday	Introduction to Information and Communication Technology - Lab  1 Umar Naseer				English Composition and Comprehension 1 Farah Iqbal	Applied Physics  1 Waheed Ahmad
Friday	Programming Fundamentals 1 Sumaira Mustafa	Calculus and Analytical Geometry 1 Bushra Niaz				English Composition and Comprehension 1 Farah Iqbal

## SE-1B

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Introduction to Information Technology - Lab Muhammad Haseeb Arshad	1			Applied Physics  1  Dr. Arslan Ahmed Amin
Tuesday	Applied Physics  1 Dr. Arslan Ahmed Amin	Pakistan Studies 1 Zainab Javeed			Programming Fundamenta Aliza Saeed	ıls-Lab
Wednesday	English Composition and Comprehension  1 Rida Akram  English Composition and Comprehension  1 Muhammad Iqbal	English Composition and Comprehension - Lab 1 Sadia Ashfaq	English Composition and Comprehension - Lab  1 Sadia Ashfaq English Composition and Comprehension  1 Rida Akram	L U N C H		Programming Fundamentals 1 Aliza Saeed
Thursday	English Composition and Comprehension - Lab  1 Farah Iqbal  English Composition and Comprehension  1 Muhammad Iqbal	English Composition and Comprehension - Lab 1 Farah Iqbal				Calculus and Analytical Geometry 1 Bushra Ni az
Friday		Calculus and Analytical Geometry 1 Bushra Niaz	Programming Fundamentals 1 Aliza Saeed		Pakistan Studies 1 Zainab Javeed	

## SE-3A

Day/Period	I	Ш	ш	1:15-1:45	IV	v
Monday			Data Structures 1 Muhammad Usman Joyia			
Tuesday	Linear Algebra 1 Ghilmana Sarmad	Human Computer Interaction 1 Dr. Shahnawaz Qureshi	Marketing Management 1 Hafiz M.Zeeshan Raza		Data Structures - Lab  Aqsa Younas  Object Oriented Programming  1  Dr Usman Habib	Data Structures - Lab 1 Aqsa Younas
Wednesday		Software Requirement Engineering 1 Pariwish Touseef	Object Oriented Programming - Lab 1 Muhammad Yousaf	L U N C H	Object Oriented Programming - Lab 1 Muhammad Yousaf	
Thursday		Object Oriented Programming 1 Dr Usman Habib			Software Requirement Engineering 1 Pariwish Touseef	Data Structures 1 Muhammad Usman Joyia
Friday	Linear Algebra 1 Ghilmana Sarmad		Marketing Management 1 Hafiz M.Zeeshan Raza		Human Computer Interaction 1 Dr. Shahnawaz Qureshi	

# SE-3B

Day/Period	ī	П	ш	1:15-1:45	IV	v
Monday		Data Structures - Lab Asif Ameer	1		Linear Algebra 1 Ghilmana Sarmad	Human Computer Interaction 1 Dr. Shahnawaz Qureshi
Tuesday	Data Structures  1 Asif Ameer				Finance & Accounting 1 Muhammad Nasif	
Wednesday			Finance & Accounting 1 Muhammad Nasif	L U N C H		Software Requirement Engineering 1 Pariwish Touseef
Thursday		Data Structures 1 Asif Ameer				Software Requirement Engineering 1 Pariwish Touseef
Friday			Linear Algebra 1 Ghilmana Sarmad			Human Computer Interaction 1 Dr. Shahnawaz Qureshi

# SE-5A

Day/Period	I	II	ш	1:15-1:45	IV	v
Monday	Database Systems - Lab Nasreen Akhtar	1	Probability and Statistics  1 Haris Khurram		Software Construction and Muhammad Azeem Iftikha	1
Tuesday		Technical and Business Writing  1  Muhammad Nouman Iftikhar			Operating Systems 1 Muhammad Husnain	Operation Research 1 Dr. Muhammad Imran Babar
Wednesday	Operation Research  1 Dr. Muhammad Imran Babar	Operating Systems - Lab  Muhammad Yousaf		L U N C H	Database Systems Nasreen Akhtar	
Thursday			Probability and Statistics  1 Haris Khurram		Software Construction and Development 1 Dr. Affan Rauf	Software Quality Engineering 1 Tehreem Aslam
Friday	Software Construction and Development 1 Dr. Affan Rauf		Software Quality Engineering 1 Tehreem Aslam		Operating Systems 1 Muhammad Husnain	

# SE-5B

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday	Technical and Business Writing 1 Muhammad Nouman Iftikhar				Software Construction and Development 1 Dr. Affan Rauf	
Tuesday		Software Quality Engineering 1 Abdul Qadeer Bilal	Operation Research  1 Dr. Muhammad Imran Babar			
Wednesday			Probability and Statistics 1 Haris Khurram	L U N C H	Software Quality Engineering 1 Abdul Qadeer Bilal	Probability and Statistics 1 Haris Khurram
Thursday	Software Construction and Development 1 Dr. Affan Rauf		Technical and Business Writing 1 Muhammad Nouman Iftikhar		Software Construction and Development - Lab  Muhammad Azeem Iftikhar	
Friday	Operation Research  1 Dr. Muhammad Imran Babar					