

# CS-1A

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

# CS-1B

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

# CS-1C

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

# CS-1D

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

# CS-1E

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

# CS-1F

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

# CS-3A

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

# CS-3B

Day/Period	I	II	III	1:15-1:45	IV	V
Monday	Object Oriented Programming - Lab Muhammad Hannan Farooq			L U N C H	Computer Orgnaization and Assembly Language - Lab Ali Raza	
Tuesday	Computer Organization and Assembly Language Abdul Qadeer Bilal	Discrete Structures Dr. Muhammad Ahmad	Fundamentals of Management Muhammad Tayyeb Riaz		Data Structures - Lab Muhammad Hannan Farooq	
Wednesday		Computer Organization and Assembly Language Abdul Qadeer Bilal	Differential Equations Arfan Shahzad Object Oriented Programming Dr Usman Habib			Discrete Structures Dr. Muhammad Ahmad
Thursday		Differential Equations Arfan Shahzad	Fundamentals of Management Muhammad Tayyeb Riaz			
Friday		Object Oriented Programming Dr Usman Habib				



# CS-3C

Day/Period	I	II	III	1:15-1:45	IV	V
Monday				L U N C H		
Tuesday	Marketing Management Syed Zeeshan Haider <sup>1</sup>				Computer Orgnaization and Assembly Language - Lab Ali Raza <sup>1</sup>	
Wednesday	Marketing Management Syed Zeeshan Haider <sup>1</sup>				Differential Equations Arfan Shahzad <sup>1</sup>	
Thursday	Data Structures - Lab Mughees Ismail <sup>1</sup>		Differential Equations Arfan Shahzad <sup>1</sup>			
Friday		Data Structures Dr. Hashim Yasin <sup>1</sup>				Data Structures Dr. Hashim Yasin <sup>1</sup>

# CS-3D

Day/Period	I	II	III	1:15-1:45	IV	V
Monday			Marketing Management Syed Zeeshan Haider <sup>1</sup>	L U N C H		Discrete Structures Usman Ghous <sup>1</sup>
Tuesday		Data Structures Muhammad Usman Joyia <sup>1</sup>	Differential Equations Muhammad Waqas Javed <sup>1</sup>			
Wednesday			Data Structures - Lab Saba Aslam <sup>1</sup>		Data Structures - Lab Saba Aslam <sup>1</sup>	
Thursday	Computer Orgnaization and Assembly Language - Lab Ali Raza <sup>1</sup>				Marketing Management Syed Zeeshan Haider <sup>1</sup>	Data Structures Muhammad Usman Joyia <sup>1</sup>
Friday	Discrete Structures Usman Ghous <sup>1</sup>				Differential Equations Muhammad Waqas Javed <sup>1</sup>	

# CS-3E

Day/Period	I	II	III	1:15-1:45	IV	V
Monday			<b>Computer Organization and Assembly Language - Lab</b> <b>Abuzar Ghafari</b> 1	<b>L U N C H</b>	<b>Computer Organization and Assembly Language - Lab</b> <b>Abuzar Ghafari</b> 1	<b>Finance &amp; Accounting</b> <b>Agha Mureed Ahmad Khan</b> 1
Tuesday						
Wednesday			<b>Finance &amp; Accounting</b> <b>Agha Mureed Ahmad Khan</b> 1			
Thursday			<b>Differential Equations</b> <b>Hayat Ali</b> 1			
Friday					<b>Differential Equations</b> <b>Hayat Ali</b> 1	

# CS-5A

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

# CS-5B

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

# CS-5C

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

# CS-5D

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

# CS-5E

Day/Period	I	II	III	1:15-1:45	IV	V
Monday	Design and Analysis of Algorithms Shoaib Saleem1		Psychology Aisha Bano1	L U N C H	Database Systems Aliza Saeed1	
Tuesday	Database Systems - Lab Muhammad Shahrose Khan1		Database Systems Aliza Saeed1		Design and Analysis of Algorithms Shoaib Saleem1	
Wednesday	Psychology Aisha Bano1					
Thursday		Operating Systems - Lab Muhammad Yousaf1				Theory of Automata Numan Shafi1
Friday	Theory of Automata Numan Shafi1					



# CS-7A

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

# CS-7B

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

# CS-7C

Day/Period	I	II	III	1:15-1:45	IV	V
Monday				L U N C H	Information Security Dr. Irfan ul Haq 1	
Tuesday					Applied Machine Learning Dr. Hashim Yasin 1	
Wednesday		Applied Machine Learning Dr. Hashim Yasin 1			Professional Practices in IT Masood Habib 1	
Thursday	Software for Mobile Devices - Lab Tahir Farooq 1					Information Security Dr. Irfan ul Haq 1
Friday	Professional Practices in IT Masood Habib 1					

# CS-7D

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

# CS-7E

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

CS-7F

Day/Period	I	II	III	1:15-1:45	IV	V
Monday		Software Testing Dr. Uzair Iqbal <sup>1</sup>		L U N C H		
Tuesday	Remote Sensing and GIS Dr M. Shahzad Sarfraz <sup>1</sup>					
Wednesday					Software Testing Dr. Uzair Iqbal <sup>1</sup>	
Thursday						
Friday						Remote Sensing and GIS Dr M. Shahzad Sarfraz <sup>1</sup>

CS-9A

Day/Period	I	II	III	1:15-1:45	IV	V
Monday				L U N C H		Computer Architecture <sup>1</sup> Muhammad Usman Joyia
Tuesday	Software for Mobile Devices - Lab No-Teacher <sup>1</sup>					
Wednesday						
Thursday						
Friday			Computer Architecture <sup>1</sup> Muhammad Usman Joyia			

# SE-1A

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



# SE-1B

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

# SE-3A

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

# SE-3B

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

# SE-5A

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

# SE-5B

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