## CS-1A

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

## CS-1B

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

## CS-1C

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

## CS-1D

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

# CS-1E

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

# CS-1F

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

## CS-3A

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

# CS-3B

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

# CS-3C

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

# CS-3D

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

# CS-3E

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

## CS-5A

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

# CS-5B

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

# CS-5C

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

# **CS-5D**

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

# CS-5E

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

## CS-7A

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

## **CS-7B**

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

# **CS-7C**

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday		Professional Practices in IT 1 Masood Habib				
Tuesday	Professional Practices in IT 1 Masood Habib	Software for Mobile Devices Tahir Farooq	s - Lab		Information Security 1 Dr. Irfan ul Haq	
Wednesday			Applied Machine Learning 1 Dr. Hashim Yasin	L U N C H		
Thursday						Applied Machine Learning 1 Dr. Hashim Yasin
Friday					Information Security 1 Dr. Irfan ul Haq	

## **CS-7D**

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

# CS-7E

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

# CS-7F

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

# CS-9A

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

## SE-1A

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

## SE-1B

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday					English Composition and C	Comprehension - Lab
Tuesday	Pakistan Studies 1 Zainab Javeed		Calculus and Analytical Geometry 1 Bushra Niaz		Introduction to Information Technology - Lab	1
Wednesday	Pakistan Studies 1 Zainab Javeed	English Composition and Comprehension 1 Muhammad Iqbal	Applied Physics 1 Dr. Arslan Ahmed Amin	L U N C H	English Composition and Comprehension - Lab  Farah Iqbal	
Thursday	English Composition and Comprehension 1 Rida Akram	Applied Physics 1 Dr. Arslan Ahmed Amin	Programming Fundamentals 1 Aliza Saeed		Programming Fundamentals - Lab  Aliza Saeed	
Friday	English Composition and Comprehension 1 Rida Akram		Calculus and Analytical Geometry 1 Bushra Niaz		Programming Fundamentals 1 Aliza Saeed	English Composition and Comprehension 1 Muhammad Iqbal

## SE-3A

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

# SE-3B

Day/Peri od	I	11	ш	1:15-1:45	IV	v
Monday						
Tuesday		Data Structures  1 Asif Ameer			Software Requirement Engineering 1 Pariwish Touseef	Finance & Accounting  1  Muhammad Nasif
Wednesday	Human Computer Interaction 1 Dr. Shahnawaz Qureshi	Finance & Accounting 1 Muhammad Nasif	Human Computer Interaction 1 Dr. Shahnawaz Qureshi	L U N C H		
Thursday	Linear Algebra 1 Ghilmana Sarmad	Software Requirement Engineering 1 Pariwish Touseef			Data Structures - Lab Asif Ameer	1
Friday	Linear Algebra 1 Ghilmana Sarmad				Data Structures 1 Asif Ameer	

# SE-5A

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

# SE-5B

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