#### CS-1A

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

## CS-1B

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

#### CS-1C

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

#### CS-1D

| Day/Peri od | I  | п  | ш  | 1:15-1:45             | īv  | v  |
|-------------|--|--|--|-----------------------|---|--|
| Monday      | Applied Physics  1 Waheed Ahmad                              | English Composition and C                                      | Comprehension - Lab<br>1   |                       | Programming<br>Fundamentals<br>1<br>Dr. Rabia Maqsood             | Calculus and Analytical<br>Geometry<br>1<br>Dr.Mushtaq Ahmad |
| Tuesday     |  | English Composition and<br>Comprehension<br>1<br>Farah Iqbal   | Islamic Studies/Ethics<br>1<br>Zia Ahmad   |                       | Introduction to Information<br>Technology - Lab<br>Aqsa Younas    | on and Communication   |
| Wednesday   | English Composition and<br>Comprehension<br>1<br>Farah Iqbal |  | English Composition and<br>Comprehension - Lab  1 Rida Akram  English Composition and<br>Comprehension  1 Sadia Ashfaq | L<br>U<br>N<br>C<br>H | English Composition and<br>Comprehension - Lab<br>1<br>Rida Akram | Islamic Studies/Ethics<br>1<br>Zia Ahmad                     |
| Thursday    | Calculus and Analytical<br>Geometry<br>1<br>Dr.Mushtaq Ahmad | Programming Fundamentals - Lab<br>1<br>Muhammad Azeem Iftikhar |  |                       | English Composition and<br>Comprehension<br>1<br>Sadia Ashfaq     |  |
| Friday      | Applied Physics<br>1<br>Waheed Ahmad                         |  |  |                       | Programming<br>Fundamentals<br>1<br>Dr. Rabia Maqsood             |  |

## CS-1E

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

#### CS-1F

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

#### CS-3A

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

## CS-3B

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

# CS-3C

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

# CS-3D

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

## CS-3E

| Day/Peri od | I | п  | ш   | 1:15-1:45             | IV                                       | v   |
|-------------|---|--|---|-----------------------|--|---|
| Monday      |   |  |   |                       |  |   |
| Tuesday     | 1 |  | Finance & Accounting  1  Agha Mureed Ahmad Khan |                       |  |   |
| Wednesday   |   |  |   | L<br>U<br>N<br>C<br>H |  |   |
| Thursday    |   | Differential Equations<br>1<br>Hayat Ali |   |                       | Differential Equations<br>1<br>Hayat Ali |   |
| Friday      |   |  |   |                       |  | Finance & Accounting  1  Agha Mureed Ahmad Khan |

#### CS-5A

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

## CS-5B

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

## CS-5C

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

# CS-5D

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

## CS-5E

| Day/Period | I  | 11   | ш | 1:15-1:45             | IV                                   | v  |
|------------|--|--|---|-----------------------|--------------------------------------|--|
| Monday     | Psychology<br>1<br>Aisha Bano                    | Database Systems<br>1<br>Aliza Saeed                       |   |                       | Database Systems<br>1<br>Aliza Saeed | Design and Analysis of<br>Algorithms<br>1<br>Shoaib Saleem |
| Tuesday    | Database Systems - Lab  1 Muhammad Shahrose Khan |  |   |                       |                                      |  |
| Wednesday  |  |  |   | L<br>U<br>N<br>C<br>H |                                      |  |
| Thursday   | Theory of Automata<br>1<br>Numan Shafi           | Operating Systems - Lab<br>Muhammad Yousaf                 | 1 |                       | Psychology<br>1<br>Aisha Bano        |  |
| Friday     |  | Design and Analysis of<br>Algorithms<br>1<br>Shoaib Saleem |   |                       |                                      | Theory of Automata  1 Numan Shafi                          |

#### CS-7A

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

## CS-7B

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

#### **CS-7C**

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

## CS-7D

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

## CS-7E

| Day/Period | I  | 11  | ш   | 1:15-1:45             | IV  | v   |
|------------|--|---|---|-----------------------|---|---|
| Monday     |  |   | Professional Practices in<br>IT<br>1<br>Tehreem Aslam |                       |   |   |
| Tuesday    |  |   |   |                       | Software Testing<br>1<br>Dr. Uzair Iqbal                                  | Fundamentals of Software<br>Project Management<br>1<br>Dr. Muhammad Bilal |
| Wednesday  |  | Professional Practices in<br>IT<br>1<br>Tehreem Aslam |   | L<br>U<br>N<br>C<br>H | Fundamentals of Software<br>Project Management<br>1<br>Dr. Muhammad Bilal |   |
| Thursday   |  | Information Security  Dr. Muhammad Umar Aftal         | 1   |                       |   |   |
| Friday     | Software Testing<br>1<br>Dr. Uzair Iqbal |   |   |                       |   |   |

## CS-7F

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

#### CS-9A

| Day/Peri od | I  | п   | ш   | 1:15-1:45             | IV | v |
|-------------|--|---|---|-----------------------|----|---|
| Monday      | Computer Architecture<br>1<br>Muhammad Usman Joyia |   |   |                       |    |   |
| Tuesday     |  |   |   |                       |    |   |
| Wednesday   |  |   |   | L<br>U<br>N<br>C<br>H |    |   |
| Thursday    |  | Software for Mobile Devices - Lab  1 No-Teacher |   |                       |    |   |
| 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                                    | Comprehension - Lab<br>1                                      | Applied Physics<br>1<br>Waheed Ahmad                                    |                       |   | Pakistan Studies<br>1<br>Asma Yaqoob  |
| Tuesday    | English Composition and<br>Comprehension<br>1<br>Farah Iqbal | Calculus and Analytical<br>Geometry<br>1<br>Bushra Niaz       | Programming<br>Fundamentals - Lab<br>1<br>Sumaira Mustafa               |                       | Programming<br>Fundamentals - Lab<br>1<br>Sumaira Mustafa                   | Applied Physics  1 Waheed Ahmad   |
| Wednesday  | Calculus and Analytical<br>Geometry<br>1<br>Bushra Niaz      |   | Introduction to<br>Information and<br>Communication<br>Technology - Lab | L<br>U<br>N<br>C<br>H | Introduction to Information and Communication Technology - Lab  Umar Naseer | Pakistan Studies<br>1<br>Asma Yaqoob  |
| Thursday   | English Composition and C                                    | Comprehension - Lab   |   |                       |   | Programming<br>Fundamentals<br>1<br>Sumaira Mustafa   |
| Friday     |  | English Composition and<br>Comprehension<br>1<br>Sadia Ashfaq |   |                       | Programming<br>Fundamentals<br>1<br>Sumaira Mustafa                         | English Composition and<br>Comprehension  1 Farah Iqbal  English Composition and<br>Comprehension  1 Sadia Ashfaq |

#### SE-1B

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

## SE-3A

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

## SE-3B

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

#### SE-5A

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

## SE-5B

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