

# CS-1A

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

# CS-1B

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

# CS-1C

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

# CS-1D

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

# CS-1E

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

# CS-1F

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

# CS-3A

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

# CS-3B

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



# CS-3C

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

# CS-3D

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

# CS-3E

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

# CS-5A

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

# CS-5B

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

# CS-5C

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

# CS-5D

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

# CS-5E

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



# CS-7A

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

# CS-7B

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

# CS-7C

| Day/Period | I   | II   | III                                       | 1:15-1:45             | IV  | V |
|------------|---|--|---|-----------------------|---|---|
| Monday     | Professional Practices in IT<br>Masood Habib1 |  |   | L<br>U<br>N<br>C<br>H |   |   |
| Tuesday    |   |  | Information Security<br>Dr. Irfan ul Haq1 |                       |   |   |
| Wednesday  | Applied Machine Learning<br>Dr. Hashim Yasin1 |  |   |                       | Professional Practices in IT<br>Masood Habib1 |   |
| Thursday   | Applied Machine Learning<br>Dr. Hashim Yasin1 | Software for Mobile Devices - Lab<br>Tahir Farooq1 |   |                       |   |   |
| Friday     |   | Information Security<br>Dr. Irfan ul Haq1          |   |                       |   |   |

# CS-7D

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

# CS-7E

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

CS-7F

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

CS-9A

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

# SE-1A

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



# SE-1B

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

# SE-3A

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

# SE-3B

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

# SE-5A

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

# SE-5B

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