### CS-1A

| Day/Period | ī  | п  | 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  1 Muhammad Iqbal  English Composition and<br>Comprehension  1 Junaid Shahid | English Composition and<br>Comprehension - Lab<br>1<br>Muhammad Iqbal |
| Tuesday    |  | English Composition and<br>Comprehension<br>1<br>Junaid Shahid | English Composition and<br>Comprehension - Lab<br>1<br>Sadia Ashfaq |                       | English Composition and<br>Comprehension - Lab  1 Sadia Ashfaq English Composition and<br>Comprehension  1 Muhammad Ammar   |   |
| Wednesday  | Digital Logic Design - Lab  Muhammad Arslan    |  | Linear Algebra<br>1<br>Amjad Hussain                                | L<br>U<br>N<br>C<br>H |   | Islamic Studies/Ethics<br>1<br>Rizwanullah                            |
| Thursday   | Programming Fundamentals - Lab  Mughees Ismail |  | Programming<br>Fundamentals<br>1<br>Rizwan ul Haq                   |                       | English Composition and<br>Comprehension<br>1<br>Muhammad Ammar   |   |
| Friday     |  | Digital Logic Design<br>Mirza Waqar Baig                       | 1   |                       | Islamic Studies/Ethics<br>1<br>Rizwanullah  | Programming<br>Fundamentals<br>1<br>Rizwan ul Haq                     |

### CS-1B

| Day/Peri od | 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     | Programming<br>Fundamentals<br>1<br>Rizwan ul Haq              | Linear Algebra<br>1<br>Amjad Hussain  | Introduction to Information and Communication Technology - Lab  1 Umar Naseer |                       | Introduction to Information and Communication Technology - Lab  1 Umar Naseer | English Composition and<br>Comprehension<br>1<br>Muhammad Ammar |
| Wednesday   | Islamic Studies/Ethics<br>1<br>Rizwanullah                     | Programming Fundamentals - Lab  Pariwish Touseef  |   | L<br>U<br>N<br>C<br>H | Digital Logic Design<br>1<br>Muhammad Sajid Iqbal                             |   |
| Thursday    | English Composition and C                                      | English Composition and Comprehension - Lab  1  Juhammad Iqbal  |   |                       |   | Linear Algebra<br>1<br>Amjad Hussain                            |
| Friday      | English Composition and<br>Comprehension<br>1<br>Junaid Shahid | English Composition and Comprehension  1 Muhammad Ammar  English Composition and Comprehension  1 Junaid Shahid |   |                       | Islamic Studies/Ethics<br>1<br>Rizwanullah                                    | Programming<br>Fundamentals<br>1<br>Rizwan ul Haq               |

### CS-1C

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

### CS-1D

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

### CS-1E

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

# CS-1F

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

### CS-3A

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

# CS-3B

|            |   |    | _   |                       |  |   |
|------------|---|----|---|-----------------------|--|---|
| Day/Period | I   | 11 | ш   | 1:15-1:45             | IV   | v   |
| Monday     | Object Oriented Programmi<br>Muhammad Hannan Faroo                        | 1  | Differential Equations<br>1<br>Arfan Shahzad                              |                       | Computer Orgnaization an                                   | d Assembly Language - Lab<br>1  |
| Tuesday    | Fundamentals of<br>Management<br>1<br>Muhammad Tayyeb Riaz                |    | Computer Organization<br>and Assembly Language<br>1<br>Abdul Qadeer Bilal |                       | Data Structures - Lab<br>1<br>Muhammad Hannan<br>Farooq    | Data Structures - Lab  1 Muhammad Hannan Farooq Object Oriented Programming  1 Dr Usman Habib |
| Wednesday  |   |    | Discrete Structures<br>1<br>Dr. Muhammad Ahmad                            | L<br>U<br>N<br>C<br>H |  |   |
| Thursday   |   |    | Differential Equations<br>1<br>Arfan Shahzad                              |                       |  |   |
| Friday     | Computer Organization<br>and Assembly Language<br>1<br>Abdul Qadeer Bilal |    | Discrete Structures  1 Dr. Muhammad Ahmad                                 |                       | Fundamentals of<br>Management<br>1<br>Muhammad Tayyeb Riaz | Object Oriented<br>Programming<br>1<br>Dr Usman Habib   |

# CS-3C

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

# CS-3D

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

# CS-3E

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

# CS-5A

| Day/Period | I  | 11   | ш   | 1:15-1:45             | IV  | v  |
|------------|--|--|---|-----------------------|---|--|
| Monday     | Computer Networks<br>1<br>Masood Habib                     |  | Computer Networks - Lab<br>1<br>Ayesha Liaqat |                       | Computer Networks - Lab<br>1<br>Ayesha Liaqat | Probability and Statistics  1 Haris Khurram      |
| Tuesday    | Software Design and<br>Analysis<br>1<br>Dr. Muhammad Bilal |  |   |                       |   |  |
| Wednesday  |  | Web Programming<br>1<br>Muhammad Shahrose<br>Khan          |   | L<br>U<br>N<br>C<br>H |   | Probability and Statistics<br>1<br>Haris Khurram |
| Thursday   | Computer Networks<br>1<br>Masood Habib                     | Software Design and<br>Analysis<br>1<br>Dr. Muhammad Bilal |   |                       | Theory of Automata<br>1<br>Anmol Bilal        |  |
| Friday     | Web Programming  1 Muhammad Shahrose Khan                  |  | Theory of Automata  1 Anmol Bilal             |                       |   |  |

# CS-5B

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

# CS-5C

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

# **CS-5D**

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

# CS-5E

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

### CS-7A

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

# CS-7B

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

# **CS-7C**

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

# CS-7D

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

# CS-7E

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

# CS-7F

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

# CS-9A

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

### SE-1A

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

### SE-1B

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

### SE-3A

| Day/Period | I   | 11   | ш  | 1:15-1:45             | IV   | v  |
|------------|---|--|--|-----------------------|--|--|
| Monday     |   | Software Requirement<br>Engineering<br>1<br>Pariwish Touseef |  |                       |  |  |
| Tuesday    | Data Structures<br>1<br>Muhammad Usman Joyia                | Human Computer<br>Interaction<br>1<br>Dr. Shahnawaz Qureshi  | Marketing Management<br>1<br>Hafiz M.Zeeshan Raza            |                       | 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 | Object Oriented<br>Programming<br>1<br>Dr Usman Habib        |
| Thursday   | Human Computer<br>Interaction<br>1<br>Dr. Shahnawaz Qureshi |  |  |                       |  | Software Requirement<br>Engineering<br>1<br>Pariwish Touseef |
| Friday     | Linear Algebra<br>1<br>Ghilmana Sarmad                      |  | Data Structures<br>1<br>Muhammad Usman Joyia                 |                       |  | Marketing Management<br>1<br>Hafiz M.Zeeshan Raza            |

# SE-3B

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

### SE-5A

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

# SE-5B

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