#### CS-1A

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

#### CS-1B

| Day/Period | I   | п  | ш  | 1:15-1:45             | IV   | v   |
|------------|---|--|--|-----------------------|--|---|
| Monday     | English Composition and C   | Omprehension - Lab<br>1                    | Islamic Studies/Ethics<br>1<br>Rizwanullah                 |                       | English Composition and C                                      | Comprehensi on - Lab<br>1                                       |
| Tuesday    | Introduction to Information<br>Technology - Iab<br>Umar Naseer                                    | n and Communication                        | Programming<br>Fundamentals - Lab<br>1<br>Pariwish Touseef |                       | Programming<br>Fundamentals - Lab<br>1<br>Pariwish Touseef     |   |
| Wednesday  | English Composition and Comprehension  Digital Logic Design - Lab  Junaid Shahid  Mujahid Hussain |  | 1  | L<br>U<br>N<br>C<br>H | Programming<br>Fundamentals<br>1<br>Rizwan ul Haq              | English Composition and<br>Comprehension<br>1<br>Muhammad Ammar |
| Thursday   | English Composition and<br>Comprehension<br>1<br>Muhammad Ammar                                   |  | Linear Algebra<br>1<br>Amjad Hussain                       |                       | English Composition and<br>Comprehension<br>1<br>Junaid Shahid | Digital Logic Design<br>1<br>Muhammad Sajid Iqbal               |
| Friday     |   | Islamic Studies/Ethics<br>1<br>Rizwanullah | Digital Logic Design<br>1<br>Muhammad Sajid Iqbal          |                       | Linear Algebra<br>1<br>Amjad Hussain                           | 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  | Digital Logic Design<br>1<br>Dr. Adil Zulfiqar                 |                       | Introduction to Information<br>Technology - Lab<br>Aqsa Younas | on and Communication  |
| Tuesday    | Digital Logic Design<br>1<br>Dr. Adil Zulfiqar             | Programming<br>Fundamentals<br>1<br>Dr. Rabia Maqsood           | Programming<br>Fundamentals - Iab<br>1<br>Ayesha Liaqat        |                       | Programming<br>Fundamentals - Iab<br>1<br>Ayesha Liaqat        |   |
| Wednesday  | English Composition and Comprehension - Lab  Junaid Shahid |   | 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 | English Composition and<br>Comprehension<br>1<br>Muhammad Ammar |
| Thursday   | Islamic Studies/Ethics<br>1<br>Zia Ahmad                   | English Composition and<br>Comprehension<br>1<br>Muhammad Ammar | English Composition and<br>Comprehension<br>1<br>Junaid Shahid |                       | Digital Logic Design - Lab<br>Mujahid Hussain                  | 1   |
| Friday     | Islamic Studies/Ethics<br>1<br>Zia Ahmad                   | Programming<br>Fundamentals<br>1<br>Dr. Rabia Maqsood           | Linear Algebra<br>1<br>Amjad Hussain                           |                       |  |   |

#### CS-1D

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

# CS-1E

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

#### CS-1F

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

#### CS-3A

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

# CS-3B

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

# CS-3C

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

# CS-3D

| Day/Period | I  | 11  | ш  | 1:15-1:45             | IV                                   | v                                  |
|------------|--|---|--|-----------------------|--------------------------------------|------------------------------------|
| Monday     | Data Structures<br>1<br>Muhammad Usman Joyia |   |  |                       | Computer Orgnaization an<br>Ali Raza | d Assembly Language - Lab<br>1     |
| Tuesday    | Data Structures<br>1<br>Muhammad Usman Joyia | Data Structures - Lab<br>Saba Aslam                 | 1  |                       |                                      | Discrete Structures  1 Usman Ghous |
| Wednesday  |  | Differential Equations<br>1<br>Muhammad Waqas Javed |  | L<br>U<br>N<br>C<br>H |                                      |                                    |
| Thursday   |  |   | Marketing Management<br>1<br>Syed Zeeshan Haider |                       |                                      |                                    |
| Friday     | Discrete Structures  1 Usman Ghous           | Differential Equations<br>1<br>Muhammad Waqas Javed | Marketing Management<br>1<br>Syed Zeeshan Haider |                       |                                      |                                    |

# CS-3E

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

# CS-5A

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

# CS-5B

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

# CS-5C

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

# **CS-5D**

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

# CS-5E

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

#### CS-7A

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

# CS-7B

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

# **CS-7C**

| Day/Period | I  | II | 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>Masood Habib |                       | Information Security  1 Dr. Irfan ul Haq             |         |
| Wednesday  |  |    | Information Security<br>1<br>Dr. Irfan ul Haq        | L<br>U<br>N<br>C<br>H | Professional Practices in<br>IT<br>1<br>Masood Habib |         |
| Thursday   |  |    |  |                       |  |         |
| Friday     | Applied Machine<br>Learning<br>1<br>Dr. Hashim Yasin |    |  |                       | Software for Mobile Device<br>Tahir Farooq           | s - Lab |

# CS-7D

| Day/Peri od | I   | II  | ш | 1:15-1:45             | IV   | v            |
|-------------|---|---|---|-----------------------|--|--------------|
| Monday      | Information Security  1 Dr. Muhammad Umar Aftab       |   |   |                       | Applied Machine<br>Learning<br>1<br>Dr. Hashim Yasin |              |
| Tuesday     | Applied Machine<br>Learning<br>1<br>Dr. Hashim Yasin  |   |   |                       |  |              |
| Wednesday   | Professional Practices in<br>IT<br>1<br>Tehreem Aslam |   |   | 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 |   |                       | Software for Mobile Devices                          | s - Lab<br>1 |

# CS-7E

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

# CS-7F

| Day/Period | I   | 11 | ш  | 1:15-1:45             | IV | v   |
|------------|---|----|--|-----------------------|----|---|
| Monday     |   |    | Software Testing<br>1<br>Dr. Uzair Iqbal |                       |    |   |
| Tuesday    |   |    |  |                       |    |   |
| Wednesday  | Software Testing<br>1<br>Dr. Uzair Iqbal        |    |  | L<br>U<br>N<br>C<br>H |    | Remote Sensing and GIS  1 Dr M. Shahzad Sarfraz |
| Thursday   |   |    |  |                       |    |   |
| Friday     | Remote Sensing and GIS  1 Dr M. Shahzad Sarfraz |    |  |                       |    |   |

#### CS-9A

| Day/Peri od | I   | п  | m  | 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  No-Teacher |  | Computer Architecture<br>1<br>Muhammad Usman Joyia |                       |    |   |
| Friday      |   |  |  |                       |    |   |

#### SE-1A

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

#### SE-1B

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

#### SE-3A

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

# SE-5A

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