### CS-1A

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

### CS-1B

| Day/Peri od | I   | п   | ш   | 1:15-1:45             | IV  | v   |
|-------------|---|---|---|-----------------------|---|---|
| Monday      |   | English Composition and<br>Comprehension - Lab  1 Farah Iqbal  English Composition and<br>Comprehension  1 Muhammad Ammar | English Composition and<br>Comprehension - Lab<br>1<br>Farah Iqbal            |                       | 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 |   |
| Wednesday   | Islamic Studies/Ethics<br>1<br>Rizwanullah        | Programming Fundamenta<br>Pariwish Touscef  | ıls - Iab<br>1  | L<br>U<br>N<br>C<br>H | Digital Logic Design<br>1<br>Muhammad Sajid Iqbal                             |   |
| Thursday    | English Composition and C                         | Comprehension - Lab<br>1  | Islamic Studies/Ethics<br>1<br>Rizwanullah                                    |                       | English Composition and<br>Comprehension<br>1<br>Muhammad Ammar               | Linear Algebra<br>1<br>Amjad Hussain              |
| Friday      |   | Programming<br>Fundamentals<br>1<br>Rizwan ul Haq   | English Composition and<br>Comprehension<br>1<br>Junaid Shahid                |                       | English Composition and<br>Comprehension<br>1<br>Junaid Shahid                | Digital Logic Design<br>1<br>Muhammad Sajid Iqbal |

### CS-1C

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

### CS-1D

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

## CS-1E

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

### CS-1F

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

### CS-3A

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

# CS-3B

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

# CS-3C

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

# CS-3D

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

## CS-3E

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

### CS-5A

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

## CS-5B

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

# CS-5C

| Day/Period | ī  | 11   | ш   | 1:15-1:45             | IV                                  | v                                       |
|------------|--|--|---|-----------------------|-------------------------------------|---|
| Monday     | Theory of Automata<br>1<br>Numan Shafi     |  | Software Design and<br>Analysis<br>1<br>Dr. Uzair Iqbal |                       |                                     | Theory of Automata<br>1<br>Numan Shafi  |
| Tuesday    | Computer Networks - Lab<br>Sumaira Mustafa | 1  | Software Design and<br>Analysis<br>1<br>Dr. Uzair Iqbal |                       |                                     |   |
| Wednesday  |  |  |   | L<br>U<br>N<br>C<br>H |                                     |   |
| Thursday   | Advanced Programming<br>1<br>Awais Azam    |  | Probability and Statistics<br>1<br>Haris Khurram        |                       |                                     | Advanced Programming<br>1<br>Awais Azam |
| Friday     |  | Probability and Statistics<br>1<br>Haris Khurram |   |                       | Computer Networks<br>Dr. Bilal Khan | 1                                       |

## **CS-5D**

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

## CS-5E

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

### 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               |                       | Professional Practices in<br>IT<br>1<br>Rizwan ul Haq |   |
| Tuesday    | Professional Practices in<br>IT<br>1<br>Rizwan ul Haq |   | Data Science<br>1<br>Adeel Ashraf Cheema            |                       | Software Engineering<br>1<br>Awais Azam               |   |
| Wednesday  |   |   |   | L<br>U<br>N<br>C<br>H |   | Data Science<br>1<br>Adeel Ashraf Cheema              |
| Thursday   |   |   | Artificial Intelligence -<br>Lab<br>1<br>Saba Aslam |                       | Artificial Intelligence -<br>Lab<br>1<br>Saba Aslam   | Artificial Intelligence<br>1<br>Dr. Shahnawaz Qureshi |
| Friday     | Information Security  1 Dr. Danish Shehzad            |   |   |                       | Data Mining<br>1<br>Dr. Rabia Maqsood                 | Artificial Intelligence 1<br>Dr. Shahnawaz Qureshi    |

## CS-7B

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

### **CS-7C**

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

## CS-7D

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

## CS-7E

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

## CS-7F

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

### CS-9A

| Day/Period | I   | II   | 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 | Computer Architecture<br>1<br>Muhammad Usman Joyia |   |
| Thursday   |   |  |   |                       |  |   |
| Friday     |   |  |   |                       |  |   |

#### SE-1A

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

### SE-1B

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

## SE-3A

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

## SE-3B

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

### SE-5A

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

## SE-5B

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