### CS-1A

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

## CS-1B

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

### CS-1C

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

### CS-1D

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

## CS-1E

| Day/Period | 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 C                                    | Comprehension - Lab<br>1 |
| Tuesday    |   | Applied Physics<br>1<br>Waheed Ahmad   | English Composition and<br>Comprehension<br>1<br>Muhammad Iqbal |                       | Programming Fundamenta<br>Mughees Ismail                     | ıls - Lab                |
| Wednesday  | Applied Physics  1 Waheed Ahmad                                 | Pakistan Studies<br>1<br>Asif Naveed   | Programming<br>Fundamentals<br>1<br>Dr. Danish Shehzad          | L<br>U<br>N<br>C<br>H | Calculus and Analytical G<br>Dr. Mushtaq Ahmad               | eometry<br>1             |
| Thursday   | Pakistan Studies<br>1<br>Asif Naveed                            | English Composition and<br>Comprehension - Lab  1 Mah Rukh English Composition and<br>Comprehension  1 Farah Iqbal | English Composition and<br>Comprehension - Lab<br>1<br>Mah Rukh |                       |  |                          |
| Friday     | English Composition and<br>Comprehension<br>1<br>Muhammad Iqbal |  | Programming<br>Fundamentals<br>1<br>Dr. Danish Shehzad          |                       | English Composition and<br>Comprehension<br>1<br>Farah Iqbal |                          |

### CS-1F

| Day/Period | I   | II  | ш  | 1:15-1:45             | IV  | v   |
|------------|---|---|--|-----------------------|---|---|
| Monday     | Pakistan Studies<br>1<br>Asif Naveed  | Calculus and Analytical<br>Geometry<br>1<br>Dr. Mushtaq Ahmad | Programming<br>Fundamentals<br>1<br>Saqib Hayat  |                       | English Composition and C                             | Comprehension - Lab   |
| Tuesday    |   |   | 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 |   | English Composition and<br>Comprehension  1 Sadia Ashfaq  English Composition and<br>Comprehension  1 Muhammad Iqbal | L<br>U<br>N<br>C<br>H |   | Calculus and Analytical<br>Geometry<br>1<br>Dr. Mushtaq Ahmad   |
| 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>Sadia Ashfaq   |
| Friday     |   | Applied Physics<br>Waheed Ahmad                               | 1  |                       |   | English Composition and<br>Comprehension<br>1<br>Muhammad Iqbal |

## CS-3A

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

## CS-3B

| Day/Period | I  | п  | 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  Object Oriented Programming  1 Dr Usman Habib |  | Computer Organization<br>and Assembly Language<br>1<br>Abdul Qadeer Bilal |                       | Data Structures - Lab<br>Muhammad Hannan Faroo | rq.   |
| Wednesday  | Computer Organization<br>and Assembly Language<br>1<br>Abdul Qadeer Bilal                | Fundamentals of<br>Management<br>1<br>Muhammad Tayyeb Riaz | Differential Equations<br>1<br>Arfan Shahzad                              | L<br>U<br>N<br>C<br>H |  |   |
| Thursday   |  |  |   |                       | Discrete Structures<br>1<br>Dr. Muhammad Ahmad |   |
| Friday     |  | Differential Equations<br>1<br>Arfan Shahzad               |   |                       |  | Object Oriented<br>Programming<br>1<br>Dr Usman Habib |

# CS-3C

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

## CS-3D

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

## CS-3E

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

### CS-5A

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

## CS-5B

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

## CS-5C

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

## CS-5D

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

## CS-5E

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

### CS-7A

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

## CS-7B

| Day/Period | I                                       | 11   | ш | 1:15-1:45             | IV   | v  |
|------------|---|--|---|-----------------------|--|--|
| Monday     | Data Mining<br>1<br>Nasreen Akhtar      |  |   |                       |  | Software Engineering  1 Awais Azam         |
| Tuesday    |   |  |   |                       | Data Science<br>Adeel Ashraf Cheema                  | 1  |
| Wednesday  | Software Engineering<br>1<br>Awais Azam | Professional Practices in<br>IT<br>1<br>Masood Habib |   | L<br>U<br>N<br>C<br>H |  |  |
| Thursday   |   | Data Mining<br>1<br>Nasreen Akhtar                   |   |                       | Professional Practices in<br>IT<br>1<br>Masood Habib |  |
| Friday     |   | Information Security  1 Dr. Danish Shehzad           |   |                       |  | Information Security  1 Dr. Danish Shehzad |

### **CS-7C**

| Day/Period | I  | п   | ш  | 1:15-1:45             | IV  | v  |
|------------|--|---|--|-----------------------|---|--|
| Monday     |  |   | Applied Machine<br>Learning<br>1<br>Dr. Hashim Yasin |                       |   | Professional Practices in<br>IT<br>1<br>Masood Habib |
| Tuesday    | Applied Machine<br>Learning<br>1<br>Dr. Hashim Yasin |   |  |                       |   |  |
| Wednesday  |  | Information Security<br>1<br>Dr. Irfan ul Haq |  | 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      |   |  |                       |   |  |
| Friday     |  |   | Professional Practices in<br>IT<br>1<br>Masood Habib |                       |   |  |

## CS-7D

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

## CS-7E

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

## CS-7F

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

### CS-9A

| Day/Period | I                                      | 11         | ш | 1:15-1:45             | IV | v  |
|------------|--|------------|---|-----------------------|----|--|
| Monday     |  |            |   |                       |    |  |
| Tuesday    | Software for Mobile Devices No-Teacher | s-Lab<br>1 |   |                       |    |  |
| Wednesday  |  |            |   | L<br>U<br>N<br>C<br>H |    |  |
| Thursday   |  |            |   |                       |    | Computer Architecture  1  Muhammad Usman Joyia |
| Friday     |  |            |   |                       |    | Computer Architecture  1 Muhammad Usman Joyia  |

### SE-1A

| Day/Period | I  | Ш                        | 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    | English Composition and<br>Comprehension<br>1<br>Farah Iqbal                     |                          | Pakistan Studies<br>1<br>Asma Yaqoob                                   |                       | Calculus and Analytical<br>Geometry<br>1<br>Bushra Niaz                | Applied Physics<br>1<br>Waheed Ahmad                          |
| Wednesday  | Programming Fundamentals - Lab  Sumaira Mustafa                                  |                          | English Composition and<br>Comprehension<br>1<br>Sadia Ashfaq          | L<br>U<br>N<br>C<br>H | English Composition and<br>Comprehension<br>1<br>Farah Iqbal           |   |
| Thursday   | Introduction to Information and Communication<br>Technology - Lab  1 Umar Naseer |                          |  |                       | Calculus and Analytical<br>Geometry<br>1<br>Bushra Niaz                | English Composition and<br>Comprehension<br>1<br>Sadia Ashfaq |
| Friday     | Programming<br>Fundamentals<br>1<br>Sumaira Mustafa                              |                          | Pakistan Studies<br>1<br>Asma Yaqoob                                   |                       | Programming<br>Fundamentals<br>1<br>Sumaira Mustafa                    | Applied Physics  1 Waheed Ahmad                               |

### SE-1B

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

## SE-3A

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

## SE-3B

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

## SE-5A

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

## SE-5B

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