## CS-1A

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

## CS-1B

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

## CS-1C

| Day/Peri od | ī  | п   | 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 Comprehension - Lab  1 Junaid Shahid  English Composition and Comprehension  1 Muhammad Ammar |                       | English Composition and<br>Comprehension - Lab<br>1<br>Junaid Shahid | English Composition and<br>Comprehension<br>1<br>Junaid Shahid |
| Tuesday     | Digital Logic Design - Lab<br>1<br>Mujahid Hussain                               |   |   |                       |  | Islamic Studies/Ethics<br>1<br>Zia Ahmad                       |
| Wednesday   | Introduction to Information and Communication<br>Technology - Lab  1 Aqsa Younas |   | Linear Algebra<br>1<br>Amjad Hussain  | 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>Muhammad Ammar                  |   | Digital Logic Design<br>1<br>Dr. Adil Zulfiqar  |                       | Programming Fundamenta<br>Ayesha Liaqat                              | als - Lab<br>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  |                       | Digital Logic Design<br>1<br>Dr. Adil Zulfiqar                       |  |

## CS-1D

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

# CS-1E

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

# CS-1F

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

## CS-3A

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

# CS-3B

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

# CS-3C

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

# CS-3D

| Day/Period | ī   | II   | ш  | 1:15-1:45             | IV   | v  |
|------------|---|--|--|-----------------------|--|--|
| Monday     |   |  |  |                       |  | Marketing Management<br>1<br>Syed Zeeshan Haider |
| Tuesday    |   |  | Marketing Management<br>1<br>Syed Zeeshan Haider |                       | Discrete Structures<br>1<br>Usman Ghous      |  |
| Wednesday  | Differential Equations  1 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 and Assembly Language - Lab  Ali Raza |  |  |                       | Data Structures<br>1<br>Muhammad Usman Joyia |  |
| Friday     | Discrete Structures<br>1<br>Usman Ghous                     | Data Structures<br>1<br>Muhammad Usman Joyia |  |                       |  |  |

# CS-3E

| Day/Period | I | 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 | Differential Equations<br>1<br>Hayat Ali                                       |                       |  |   |
| Wednesday  |   |   |  | L<br>U<br>N<br>C<br>H |  |   |
| Thursday   |   |   |  |                       |  |   |
| Friday     |   |   |  |                       | Finance & Accounting  1  Agha Mureed Ahmad Khan                                |   |

## CS-5A

| Day/Period | 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     | Theory of Automata<br>1<br>Anmol Bilal     |
| Tuesday    |                                   |  |  |                       | Web Programming<br>1<br>Muhammad Shahrose<br>Khan |  |
| Wednesday  | Theory of Automata  1 Anmol Bilal | Probability and Statistics<br>1<br>Haris Khurram           | Computer Networks<br>1<br>Masood Habib                     | L<br>U<br>N<br>C<br>H |   |  |
| Thursday   |                                   | Software Design and<br>Analysis<br>1<br>Dr. Muhammad Bilal |  |                       | Probability and Statistics<br>1<br>Haris Khurram  |  |
| Friday     | Computer Networks  1 Masood Habib |  | Software Design and<br>Analysis<br>1<br>Dr. Muhammad Bilal |                       |   | Web Programming  1  Muhammad Shahrose Khan |

# CS-5B

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

# CS-5C

| Day/Period | I   | п  | ш   | 1:15-1:45             | IV   | v                                       |
|------------|---|--|---|-----------------------|--|---|
| Monday     |   | Probability and Statistics<br>1<br>Haris Khurram | Software Design and<br>Analysis<br>1<br>Dr. Uzair Iqbal |                       | Probability and Statistics<br>1<br>Haris Khurram | 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 |  |   |
| Thursday   |   | Computer Networks<br>1<br>Dr. Bilal Khan         |   |                       |  | Advanced Programming<br>1<br>Awais Azam |
| Friday     | Software Design and<br>Analysis<br>1<br>Dr. Uzair Iqbal |  | Advanced Programming<br>1<br>Awais Azam                 |                       | Computer Networks<br>1<br>Dr. Bilal Khan         |   |

# **CS-5D**

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

# CS-5E

| Day/Peri od | I  | п  | ш                                    | 1:15-1:45             | IV                                     | v                               |
|-------------|--|--|--------------------------------------|-----------------------|--|---------------------------------|
| Monday      |  |  | Database Systems<br>1<br>Aliza Saeed |                       |  | Database Systems  1 Aliza Saeed |
| Tuesday     | Database Systems - Lab  1 Muhammad Shahrose Khan Psychology 1 Aisha Bano | Database Systems - Lab<br>1<br>Muhammad Shahrose<br>Khan |                                      |                       |  |                                 |
| 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      | Design and Analysis of Alg<br>Shoaib Saleem                              | orithms<br>1   |                                      |                       | Theory of Automata<br>1<br>Numan Shafi | Psychology<br>1<br>Aisha Bano   |

## CS-7A

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

## **CS-7B**

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

## **CS-7C**

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

# CS-7D

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

# CS-7E

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

# CS-7F

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

## CS-9A

| Day/Period | I | п | ш  | 1:15-1:45             | IV   | v |
|------------|---|---|--|-----------------------|--|---|
| Monday     |   |   |  |                       |  |   |
| Tuesday    | 1 |   | Computer Architecture<br>1<br>Muhammad Usman Joyia |                       |  |   |
| Wednesday  |   |   |  | L<br>U<br>N<br>C<br>H |  |   |
| Thursday   |   |   |  |                       |  |   |
| Friday     |   |   |  |                       | Computer Architecture<br>1<br>Muhammad Usman Joyia |   |

## 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 | Calculus and Analytical<br>Geometry<br>1<br>Bushra Niaz |
| Tuesday    |   |                                      |   |                       | English Composition and<br>Comprehension<br>1<br>Farah Iqbal           |   |
| 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 |  | Programming<br>Fundamentals<br>1<br>Sumaira Mustafa     |
| Thursday   | Introduction to Information and Communication<br>Technology - Lab |                                      |   |                       | Applied Physics<br>1<br>Waheed Ahmad                                   | Calculus and Analytical<br>Geometry<br>1<br>Bushra Maz  |
| Friday     | Programming<br>Fundamentals<br>1<br>Sumaira Mustafa               | Pakistan Studies<br>1<br>Asma Yaqoob | English Composition and<br>Comprehension  1 Farah Iqbal  English Composition and<br>Comprehension  1 Sadia Ashfaq |                       | Applied Physics<br>1<br>Waheed Ahmad                                   | Pakistan Studies<br>1<br>Asma Yaqoob                    |

## SE-1B

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

# SE-3A

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

# SE-3B

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

## SE-5A

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

# SE-5B

| Day/Period | I   | 11 | ш   | 1:15-1:45             | IV   | v   |
|------------|---|----|---|-----------------------|--|---|
| Monday     | Software Quality<br>Engineering<br>1<br>Abdul Qadeer Bilal            |    |   |                       |  | Software Construction and<br>Development<br>1<br>Dr. Affan Rauf |
| Tuesday    | Software Construction and<br>Development<br>1<br>Dr. Affan Rauf       |    |   |                       |  | Operation Research  1 Dr. Muhammad Imran Babar                  |
| Wednesday  | Technical and Business<br>Writing<br>1<br>Muhammad Nouman<br>Iftikhar |    |   | L<br>U<br>N<br>C<br>H |  | Probability and Statistics<br>1<br>Haris Khurram                |
| Thursday   | Operation Research  1 Dr. Muhammad Imran Babar                        |    | Technical and Business<br>Writing<br>1<br>Muhammad Nouman<br>Iftikhar |                       | Software Construction and Development - Lab  Muhammad Azeem Iftikhar |   |
| Friday     |   |    | Probability and Statistics  1 Haris Khurram                           |                       | Software Quality<br>Engineering<br>1<br>Abdul Qadeer Bilal           |   |