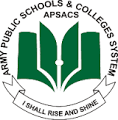
**Weekly Subject Meeting Record (Class XI –XII)**

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| **Week: 01** | **Class: XII** | **No. of Sections: 02** |

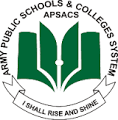
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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: Operating System | **Recourses** Textbook pg no: 8-20 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **Operating System**   * Intro * Commonly used OS | Discussion and Explanation | | | Lab visit to show the different Operating Systems.  Oral Test | Textbook  Whiteboard  Laptop  Mobile  Lab |
| * Types of Operating System * Single user & Multi user OS | Brainstorming, Discussion and Explanation | | |
| **Operating System Functions** | Brainstorming, Discussion and Explanation | | |
| **Process Management**   * Various states of a process | Brainstorming, Students Involvement | | |
| * Thread and Process * Multithreading * Multitasking * Multiprogramming | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Teacher Responsible for preparing lesson plan: | | Mr. Asim | | | | | Attendees of coordination Meeting: | | | | | | | 1. | 2. | 3. |  |  |  | | | | | | |
| 4. | Date of submission of the Lesson Plan to the Sec Head: 15-08-2022 | | Date of distribution of the finalized Lesson Plan to the Teachers: 15-08-2022 | | | |
| Sign & Date Subject Coordinator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | Sign & Date Section Head: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |



**Weekly Subject Meeting Record (Class XI –XII)**

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| **Week: 02** | **Class: XII** | **No. of Sections: 02** |

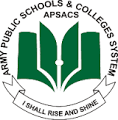
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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: System Development Life Cycle | **Recourses** Textbook pg no: 24-33 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **System Development Life Cycle**   * Intro & its importance * Objectives of SDLC * Stakeholders of SDLC | Discussion and Explanation | | | Keypoints and short questions on notebook.  Test | Textbook  Whiteboard  Laptop  Mobile  Lab |
| **SDLC phases/ Steps**   * Defining phase * Planning phase * Feasibility phase * Analysis phase | Brainstorming, Discussion and Explanation | | |
| * Requirement Engineering * Dsign phase * Construction phase | Brainstorming, Discussion and Explanation | | |
| * Testing phase * Deployment phase * Maintenance phase | Brainstorming, Students Involvement | | |
| * Personnel involved in SDLC | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  | | --- | --- | | Teacher Responsible for preparing lesson plan: | Mr. Asim | | Attendees of coordination Meeting: 1. 2. 3. | | | | | | | |
| 4. | Date of submission of the Lesson Plan to the Sec Head: 22-08-2022 | | Date of distribution of the finalized Lesson Plan to the Teachers: 22-08-2022 | | | |
| Sign & Date Subject Coordinator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | Sign & Date Section Head: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |



**Weekly Subject Meeting Record (Class XI –XII)**

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| **Week: 03** | **Class: XII** | **No. of Sections: 02** |

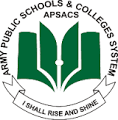
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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: Object Oriented Programming in C++ | **Recourses** Textbook pg no: 41-54 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **Introduction**   * Computer program * Header files & reserved words * Structure of C++ program * Statement terminator * Comments in C++ | Discussion and Explanation | | | Test | Textbook  Whiteboard  Laptop  Mobile  Lab |
| **C++ constants & variables**   * Rules of specifying variables & data types | Brainstorming, Discussion and Explanation | | |
| * Constant qualifier * Variable declaration & intialization * Type casting | Brainstorming, Discussion and Explanation | | |
| **Input/Output handling**   * The cout & cin statements * The getch, getche, gets & puts functions | Brainstorming, Students Involvement | | |
| * The escape sequence * Manipulators endl and Setw | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  | | --- | --- | | Teacher Responsible for preparing lesson plan: | Mr. Asim | | Attendees of coordination Meeting:1. 2. 3. | | | | | | | |
| 4. | Date of submission of the Lesson Plan to the Sec Head: 29-08-2022 | | Date of distribution of the finalized Lesson Plan to the Teachers: 29-08-2022 | | | |
| Sign & Date Subject Coordinator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | Sign & Date Section Head: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |



**Weekly Subject Meeting Record (Class XI –XII)**

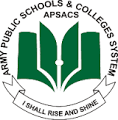
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| **Week: 04** | **Class: XII** | **No. of Sections: 02** |

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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: Object Oriented Programming in C++ | **Recourses** Textbook pg no: 57-66 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **Operators in C++**   * Assignment Operators * Arithmetic Operators | Discussion and Explanation | | | Test  Lab visits  Practical | Textbook  Whiteboard  Laptop  Mobile  Lab |
| * Arithmetic Assignment Operators * Increment/Decrement Operators | Brainstorming, Discussion and Explanation | | |
| * Relation Operators * Logical Operators | Brainstorming, Discussion and Explanation | | |
| * Ternary Operators * Uniary, Binary and Ternary Operators | Brainstorming, Students Involvement | | |
| * Expressions in C++ | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  | | --- | --- | | Teacher Responsible for preparing lesson plan: | Mr. Asim | | Attendees of coordination Meeting:1. 2. 3. | | | | | | | |
| 4. | Date of submission of the Lesson Plan to the Sec Head: 29-08-2022 | | Date of distribution of the finalized Lesson Plan to the Teachers: 05-09-2022 | | | |
| Sign & Date Subject Coordinator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | Sign & Date Section Head: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |

**Weekly Subject Meeting Record (Class XI –XII)**

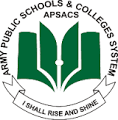
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| **Week: 05** | **Class: XII** | **No. of Sections: 02** |

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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: Control Structures | **Recourses** Textbook pg no: 70-80 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **Introduction**   * Sequential structures * Conditional structures * Iteration structures | Discussion and Explanation | | | Test  Lab visits  Practical | Textbook  Whiteboard  Laptop  Mobile  Lab |
| * IF Statement | Brainstorming, Discussion and Explanation | | |
| * IF-ELSE statement | Brainstorming, Discussion and Explanation | | |
| * ELSE-IF statement | Brainstorming, Students Involvement | | |
| * Switch statement * Comparison between decision control structure | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  | | --- | --- | | Teacher Responsible for preparing lesson plan: | Mr. Asim | | Attendees of coordination Meeting:1. 2. 3. | | | | | | | |
| 4. | Date of submission of the Lesson Plan to the Sec Head: 29-08-2022 | | Date of distribution of the finalized Lesson Plan to the Teachers: 12-09-2022 | | | |
| Sign & Date Subject Coordinator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | Sign & Date Section Head: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |

**Weekly Subject Meeting Record (Class XI –XII)**

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| **Week: 06** | **Class: XII** | **No. of Sections: 02** |

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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: Control Structures | **Recourses** Textbook pg no: 80-89 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **Loops**   * FOR LOOP | Discussion and Explanation | | | Test  Lab visits  Practical | Textbook  Whiteboard  Laptop  Mobile  Lab |
| * WHILE LOOP | Brainstorming, Discussion and Explanation | | |
| * DO-WHILE LOOP | Brainstorming, Discussion and Explanation | | |
| * Differentiate between While loop and Do-while loop | Brainstorming, Students Involvement | | |
| * Break statement * Continue statement * Exit function | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  | | --- | --- | | Teacher Responsible for preparing lesson plan: | Mr. Asim | | Attendees of coordination Meeting:1. 2. 3. | | | | | | | |
| 4. | Date of submission of the Lesson Plan to the Sec Head: 29-08-2022 | | Date of distribution of the finalized Lesson Plan to the Teachers: 19-09-2022 | | | |
| Sign & Date Subject Coordinator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | Sign & Date Section Head: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |

**Weekly Subject Meeting Record (Class XI –XII)**

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| **Week: 07** | **Class: XII** | **No. of Sections: 02** |

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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: Control Structures/ Arrays | **Recourses** Textbook pg no: 89-102 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **Loops in C++**   * Nested Loop | Discussion and Explanation | | | Test  Lab visits  Practical | Textbook  Whiteboard  Laptop  Mobile  Lab |
| * Lab Activites | Brainstorming, Discussion and Explanation | | |
| **Introduction to Arrays**  Concept of an Array | Brainstorming, Discussion and Explanation | | |
| * Declaring and Array * Initializing an Array | Brainstorming, Students Involvement | | |
| * The sizeof() function | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  | | --- | --- | | Teacher Responsible for preparing lesson plan: | Mr. Asim | | Attendees of coordination Meeting:1. 2. 3. | | | | | | | |
| 4. | Date of submission of the Lesson Plan to the Sec Head: 29-08-2022 | | Date of distribution of the finalized Lesson Plan to the Teachers: 26-09-2022 | | | |
| Sign & Date Subject Coordinator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | Sign & Date Section Head: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |