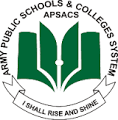
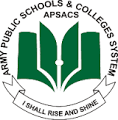
**Weekly Subject Meeting Record (Class XI –XII)**

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

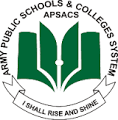
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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: Overview of Computer System | **Recourses** Textbookpg no: 8-21 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **Introduction to computer**   * Computing devices * Basic operations of computers | Discussion and Explanation | | | Lab visit to show the working of a computer and its components  Oral Test | Textbook  Whiteboard  Laptop  Mobile  Lab |
| * Classifications of computers * Modern use of computers in Today’s Life | Brainstorming, Discussion and Explanation | | |
| **Types of computer software**   * System Software * Application Software | Brainstorming, Discussion and Explanation | | |
| * Internet Applications * Licensed software, Shareware, freeware * Firmware * Internet Application Security | Brainstorming, Students Involvement | | |
| **Computer Hardware**   * Input Devices | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Teacher Responsible for preparing lesson plan: | | Mr. Asim | | | | | Attendees of coordination Meeting: | | | | | | | 1. Mr. Usama | 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: XI** | **No. of Sections: 02** |

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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: Overview of Computer System/  Computer Memory | **Recourses** Textbookpg no:22-34 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **Computer Hardware**   * Output Devices | Discussion and Explanation | | | Lab visit to show the working of a computer and its components  Oral Test | Textbook  Whiteboard  Laptop  Mobile  Lab |
| **Introduction to Computer Memory**   * Memory Characteristics * Memory Terminologies | Brainstorming, Discussion and Explanation | | |
| * Memory built-up & Retention Power * Types of Computer Memory | Brainstorming, Discussion and Explanation | | |
| **Main Memory**   * Internal Processor Memory * RAM | Brainstorming, Students Involvement | | |
| * ROM | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Teacher Responsible for preparing lesson plan: | | Mr. Asim | | | | | Attendees of coordination Meeting: | | | | | | | 1. Mr. Usama | 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: XI** | **No of Sections: 02** |

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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: Computer Memory/ CPU | **Recourses** Textbookpg no:34-47 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **Secondary Memory**   * Secondary Storage Devices * Sequential & Direct Access Memory Devices | Discussion and Explanation | | | Lab visit to show the Memory Devices.  Test | Textbook  Whiteboard  Laptop  Mobile  Lab |
| * Types of Secondary Storage Devices | Brainstorming, Discussion and Explanation | | |
| **Inside CPU**   * Components of CPU | Brainstorming, Discussion and Explanation | | |
| **Registers**   * General Purpose Registers * Special Purpose Registers | Brainstorming, Students Involvement | | |
| **Buses**   * Address Bus * Data Bus * Control Bus | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Teacher Responsible for preparing lesson plan: | | Mr. Asim | | | | | Attendees of coordination Meeting: | | | | | | | 1. Mr. Usama | 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: XI** | **No of Sections: 02** |

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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: Central Processing Unit | **Recourses** Textbookpg no:42-47 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **Inside CPU**  **Components of CPU**   * ALU * CU | Discussion and Explanation | | | Lab visit to show the Memory Devices.  Test | Textbook  Whiteboard  Laptop  Mobile  Lab |
| * Registers * Cache Memory * Internal Buses | Brainstorming, Discussion and Explanation | | |
| **Registers**   * General Purpose Registers | Brainstorming, Discussion and Explanation | | |
| * Special Purpose Registers | Brainstorming, Students Involvement | | |
| **Buses**   * Address Bus * Data Bus * Control Bus | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Teacher Responsible for preparing lesson plan: | | Mr. Asim | | | | | Attendees of coordination Meeting: | | | | | | | 1. Mr. Usama | 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: XI** | **No of Sections: 02** |

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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: CPU | **Recourses** Textbookpg no:47-50 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **CPU Operations**  **Types of Instruction**   * Data Transfer Instructions | Discussion and Explanation | | | Lab visit to show the Memory Devices.  Test | Textbook  Whiteboard  Laptop  Mobile  Lab |
| * Data Processing Instructions * Program Control Instructions | Brainstorming, Discussion and Explanation | | |
| **Instruction Formats**   * Zero Address Instruction | Brainstorming, Discussion and Explanation | | |
| * One Address Instruction * Two Address Instruction | Brainstorming, Students Involvement | | |
| **Instruction Cycle**   * Fetch Operation * Decode Operation * Execute Operation | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Teacher Responsible for preparing lesson plan: | | Mr. Asim | | | | | Attendees of coordination Meeting: | | | | | | | 1. Mr. Usama | 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: XI** | **No of Sections: 02** |

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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: CPU/ Inside System Unit | **Recourses** Textbookpg no: 51-57 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **CISC and RISC Architecture**   * Intro * Difference between CISC and RISC | Discussion and Explanation | | | Lab visit to show the Memory Devices.  Test | Textbook  Whiteboard  Laptop  Mobile  Lab |
| **INTEL and AMD Processors**   * Intel Pentium IV Processor * AMD Athlon Processor | Brainstorming, Discussion and Explanation | | |
| * Exercise | Brainstorming, Discussion and Explanation | | |
| **Inside System Unit**   * Intro | Brainstorming, Students Involvement | | |
| **Exploring the System Unit**   * Casing * Power Supply | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Teacher Responsible for preparing lesson plan: | | Mr. Asim | | | | | Attendees of coordination Meeting: | | | | | | | 1. Mr. Usama | 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: XI** | **No of Sections: 02** |

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| **Steps** | |  |  |  | | --- | --- | --- | | **Subject**: Computer Science | **Topic**: Computer Memory/ CPU | **Recourses** Textbookpg no:34-60 | | | | | | |
| 1. | Review of previous week (& completion plan, If any): --- | | | | | |
| 2. | **Topics/ sub topics** | **Methodology** | | | **Class Work/ Homework** | **Teaching Aid(s)** |
| **Exploring the System Unit**   * CPU Socket * BIOS | Discussion and Explanation | | | Lab visit to show the Memory Devices.  Test | Textbook  Whiteboard  Laptop  Mobile  Lab |
| * Ports * Expansion Slots | Brainstorming, Discussion and Explanation | | |
| * AGP * PCI | Brainstorming, Discussion and Explanation | | |
| * Ribbon Cable * IDE Interface and cable | Brainstorming, Students Involvement | | |
| * Sata Interface * Memory Slots * Buses | Brainstorming, Discussion and Explanation | | |
| 3. | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Teacher Responsible for preparing lesson plan: | | Mr. Asim | | | | | Attendees of coordination Meeting: | | | | | | | 1. Mr. Usama | 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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |