**Lesson Plan (Practical)**

**Name of the Assistant Professor**- Ms. Nidhi Sharma

**Subject**- Computer Science & Applications

**Lesson Plan**- 17 Weeks (July-Nov 2018)

|  |  |  |  |
| --- | --- | --- | --- |
| **Week** | **Date** | **B.Voc. (I stSem)**  **Practical C++**  **BVSD-35** | **B.Voc.(Vth Sem)**  **Practical Advanced Java**  **BVSD-55** |
| 1 | 16-July-18 | Write a C++ program to print the following lines:   1. Your introduction 2. Your institute introduction |  |
| 17-July-18 | Basic C++ Programs |  |
| 18-July-18 |  | Programs of Applets |
| 19-July-18 |  | Programs of Applets |
| 20-July-18 |  |  |
| 21-July-18 |  |  |
| 22-July-18 | Sunday | |
| 2 | 23-July-18 | Write a C++ program to prompt the user to input 3 integer values and print these values in forward and reversed order |  |
| 24-July-18 | Write a program to display the following output using a single cout statement.  Subject            Marks    Mathematics     90     Computer         77     Chemistry        69 |  |
| 25-July-18 |  | Program to create A house and Smiley in Applet |
| 26-July-18 |  | Program to create Banner in Applet |
| 27-July-18 |  |  |
| 28-July-18 |  |  |
| 29-July-18 | Sunday | |
| 3 | 30-July-18 | Write a program which accept principle, rate and time from user and print the simple interest. |  |
| 31-July-18 | Shaheedi udham singh’s martyrdom day | |
| 1-Aug-18 |  | Program to create Moving Ball in Applet |
| 2-Aug-18 |  | Program to Load image and calculator in Applet |
| 3-Aug-18 |  |  |
| 4-Aug-18 |  |  |
| 5-Aug-18 | Sunday | |
| 4 | 6-Aug-18 | Programs on loops |  |
| 7-Aug-18 | Programs of Class and objects |  |
| 8-Aug-18 |  | Programs on Frames and Windows |
| 9-Aug-18 |  | Programs On Event Handling |
| 10-Aug-18 |  |  |
| 11-Aug-18 |  |  |
| 12-Aug-18 | Sunday | |
| 5 | 13-Aug-18 | Haryali teej | |
| 14-Aug-18 | Programs on Namespace |  |
| 15-Aug-18 | Independence day | |
| 16-Aug-18 |  | Programs on Various AWT Components |
| 17-Aug-18 |  |  |
| 18-Aug-18 |  |  |
| 19-Aug-18 | Sunday | |
| 6 | 20-Aug-18 | Define a class student with the following specification **Private members** of class student admno                        integer sname                        20 character eng. math, science       float total                            float ctotal()                        a function to calculate eng + math + science with float return type. **Public member** function of class student Takedata()                   Function to accept values for admno, sname, eng, science and invoke ctotal() to                                    calculate total. Showdata()                   Function to display all the data members on the screen. |  |
| 21-Aug-18 | Write the definition for a class called **complex** that has floating point data members for storing real and imaginary parts. The class has the following member functions: **void set(float, float)** to set the specified value in object **void disp()** to display complex number object **complex sum(complex)** to sum two complex numbers & return complex number 1. Write the definitions for each of the above member functions. 2. Write main function to create three complex number objects. Set the value in two objects and call sum() to calculate sum and assign it in third object. Display all complex numbers. |  |
| 22-Aug-18 | Id-ul-zuha(bakrid) | |
| 23-Aug-18 |  | Programs on AWT Components and Layout Managers |
| 24-Aug-18 |  |  |
| 25-Aug-18 |  |  |
| 26-Aug-18 | Sunday | |
| 7 | 27-Aug-18 | Programs on Constructors |  |
| 28-Aug-18 | Programs on Constructors |  |
| 29-Aug-18 |  | Program to create Student Registration form using Frame |
| 30-Aug-18 |  | Program to create Menu in Frame |
| 31-Aug-18 |  |  |
| 1-Sep-18 |  |  |
| 2-Sep-18 | Sunday | |
| 8 | 3-Sep-18 | Janmashtmi | |
| 4-Sep-18 | Programs on Destructors |  |
| 5-Sep-18 |  | Program on Swings |
| 6-Sep-18 |  | Programs on Jtext Field, JLabel, etc. |
| 7-Sep-18 |  |  |
| 8-Sep-18 |  |  |
| 9-Sep-18 | Sunday | |
| 9 | 10-Sep-18 | Programs on friend Function |  |
| 11-Sep-18 | Programs on friend Class |  |
| 12-Sep-18 |  | Program on Jtree |
| 13-Sep-18 |  | Program on Jtable,Jmenu |
| 14-Sep-18 |  |  |
| 15-Sep-18 |  |  |
| 16-Sep-18 | Sunday | |
| 10 | 17-Sep-18 | Programs on Unary Operator Overloading |  |
| 18-Sep-18 | Programs on binary Operator Overloading |  |
| 19-Sep-18 |  | Programs on Input Data Stream |
| 20-Sep-18 |  | Programs on Bytes and Character Stream |
| 21-Sep-18 |  |  |
| 22-Sep-18 |  |  |
| 23-Sep-18 | Sunday | |
| 11 | 24-Sep-18 | Programs on Single ,multiple Inheritance |  |
| 25-Sep-18 | Programs on Multilevel, hybrid Inheritance |  |
| 26-Sep-18 |  | Programs on The Class Print Stream, Data Stream |
| 27-Sep-18 |  | Programs on String Tokenizer Class |
| 28-Sep-18 |  |  |
| 29-Sep-18 |  |  |
| 30-Sep-18 | Sunday | |
| 12 | 1-Oct-18 | Program to show the order Of constructor and Destructor in Inheritance |  |
| 2-Oct-18 | Mahatma gandhi’s jayanti | |
| 3-Oct-18 |  | Programs on Stream Tokenizer |
| 4-Oct-18 |  | Programs on Layout Manager (Flow Layout, Border Layout) |
| 5-Oct-18 |  |  |
| 6-Oct-18 |  |  |
| 7-Oct-18 | Sunday | |
| 13 | 8-Oct-18 | Programs on Polymorphism |  |
| 9-Oct-18 | Programs on Virtual base Class |  |
| 10-Oct-18 | Maharaja aggarsen jayanti | |
| 11-Oct-18 |  | Programs on Layout Manager (Layout, Grid Bag Layout, Grid Layout) |
| 12-Oct-18 |  |  |
| 13-Oct-18 |  |  |
| 14-Oct-18 | Sunday | |
| 14 | 15-Oct-18 | Programs on Function Overloading |  |
| 16-Oct-18 | Programs on Virtual Function |  |
| 17-Oct-18 |  | Accessing a Servlet using an HTML |
| 18-Oct-18 | Dussehra | |
| 19-Oct-18 |  |  |
| 20-Oct-18 |  |  |
| 21-Oct-18 | Sunday | |
| 15 | 22-Oct-18 | Programs on Templates function |  |
| 23-Oct-18 | Programs on Templates Class |  |
| 24-Oct-18 | Maharishi valmiki’s birthday | |
| 25-Oct-18 |  | Programs on Servlets |
| 26-Oct-18 |  |  |
| 27-Oct-18 |  |  |
| 28-Oct-18 | Sunday | |
| 16 | 29-Oct-18 | Programs on Exception handling |  |
| 30-Oct-18 | Programs on Exception handling |  |
| 31-Oct-18 |  | Programs on Servlet response and request and cookies |
| 1-Nov-18 | Haryana day | |
| 2-Nov-18 |  |  |
| 3-Nov-18 |  |  |
| 4-Nov-18 | Sunday | |
| 17 | 5-Nov-18 | Revision |  |
| 6-Nov-18 | Holiday | |
| 7-Nov-18 | Diwali | |
| 8-Nov-18 | Holiday | |
| 9-Nov-18 | Vishavkarma day | |
| 10-Nov-18 | Holiday | |
| 11-Nov-18 | Sunday | |
| 18 | 12-Nov-18 | Holiday | |
| 13-Nov-18 | Holiday | |
| 14-Nov-18 |  |  |