**WEEK 5 ASSIGMENT**

**OBJECT ORIENTED PROGRAMMING**

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| **CHOOSE CORRECT ANSWER**  **1. ........ is a template for entities that have common behaviour**. |

A. Object

B. Data

C. Polymorphism

D. Class

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| **2. The mechanism by which the data and functions are bound together within an objecs is called as** |

A. Overriding

B. Polymorphism

C. Overloading

D. Encapsulation

**3. The group of data and operations together are known as**

A. Object

B. Function

C. Class

D. Structure

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| **4. Which of the following is an Object Oriented Programming Langauge?**  A. C  B. C++  C. BASIC  D. FORTRAN  **5. The process of acquiring Base class properties is called**  A. Class  B. Polymorphism  C. Inheritance  D. Encapsulation  **6. The ability of an object to respond differently to different message is called**  A. Object  B. Inheritance  C. Polymorphism  D. Encapsulation    **7. A group of data and the operations are termed as**   * A. Object * B. Data * C. Operation * D. Function  |  | | --- | | 8. What happens when we try to compile the class definition in following code snippet?  class Birds {};  class Peacock : protected Birds {}; | | |  |  | | --- | --- | | [A.](javascript:%20void%200;) | It will not compile because class body of Birds is not defined. | | [B.](javascript:%20void%200;) | It will not compile because class body of Peacock is not defined. | | [C.](javascript:%20void%200;) | It will not compile because a class cannot be protectedly inherited from other class. | | [D.](javascript:%20void%200;) | It will compile succesfully. | |   **9. The operations represent the ........ of the object.**   * A. state * B. behaviour * C. data * D. function * **10. ....... allows a class to be derived from an existing class.** A. Object * B. Inheritance * C. Polymorphism   D. Encapsulation  **WRITE THE PROGRAM OF THE FOLLOWING**   * **11. How to create multiple objects in one class:**   12. How to add parameters in function using class and Object ?  **13. How to overload operators in C++ programming ?** 14. Build the Class Date and provide it with print function using class & Object ? |