Malla Reddy Engineering College (Autonomous)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad – 500 100.

**II B. TECH – I Semester (MR20) I MID EXAMNATIONS**

**Subject: Object Oriented Programming through Java**

**Branch: CSE, DS, AIML, IOT, CS Subject code: A0510**

**MODULE-I**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Question** | **Blooms Taxonomy level** | **CO** |
| **1** | Explain different Object-oriented concepts in java? | understanding | **1** |
| **2** | Explain different data types available in java and its sizes with a sample example program. | Understanding | **1** |
| **3** | Develop a java program to explain type conversions. | Understanding | **1** |
| **4** | Explain selection statements in detail with example programs. | Understanding | **1** |
| **5** | How to access class data members in C++? | Understanding | **1** |
| **6** | Develop a java program to search an element in the array. | Applying | **1** |
| **7** | What is an array? Explain in detail about array types in java with an example program. | Remembering | **1** |
| **8** | Explain C++ structure with example? | Understanding | **1** |

**Module-2**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Question** | **Blooms Taxonomy level** | **CO** |
| **1** | Compare and contrast method overloading and overriding in java. | Analyzing | **2** |
| **2** | Discuss the role of abstract class in java. Explain in detail with an example program. | Analyzing | **2** |
| **3** | Justify your answer, why java does not support Multiple Inheritance through classes? | Evaluating | **2** |
| **4** | Write a program to illustrate the usage of the following methods of StringBufferclass. Explain the output in each case. Delete(), deleteChatAt(),append(), charAt(). | Understanding | **2** |
| **5** | Discuss the role of constructor and explain different types of constructors available in java. | Analyzing | **2** |
| **6** | Explain different types of inheritances supported by Java with example programs. | Remembering | **2** |
| **7** | Demonstrate the final keyword usage in java programming language. | Understanding | **2** |
| **8** | What is String in java? Explain different methods in String Class with an example Program. | Understanding | **2** |

**Module -3**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Question** | **Blooms Taxonomy level** | **CO** |
| **1** | Justify your answer how packages provide abstraction with an example program. | Evaluating | **3** |
| **2** | Develop a java program to implement multiple inheritance. | Applying | **3** |
| **3** | Develop a java program for interface to find areas of different shapes. | Applying | **3** |
| **4** | How to define and create a package? Explain it with Example? | Analyzing | **3** |