

**Bharati Vidyapeeth**  
**(Deemed to be University), Pune**  
**School of Distance Education**

<b>Assignment No.</b>	<b>01</b>	<b>Name of the Assignment Setter:</b>	<b>Dr. Mukund Kulkarni</b>		
<b>Course:</b>	<b>MCA</b>	<b>Class:</b>	<b>II</b>	<b>Semester:</b>	<b>III</b>

<b>Subject:</b>	<b>Object Oriented Programming</b>
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**Q.1) Attempt ANY ONE of the Following (1000 Words) (10)**

- a) What is OOP? Explain features of OOP.
- b) Explain features of Java Programming.

**Q.2) Attempt ANY TWO of the Following (800 Words) (12)**

- a) Explain datatypes used in Java Programming.
- b) What is Function Overloading? Explain with example.
- c) How to create and access packages in Java?.
- d) Illustrate Exception Handling with suitable example.
- e) Explain concept of concurrent programming and its benefits.

**Q.3) Write Short Notes on (ANY TWO) (08)**

- a) Serialization.
- b) Hashmap.
- c) Garbage collection
- d) Thread synchronization

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