

Level: Bachelor

Semester: Fall

Year : 2017

Programme: BE

Full Marks: 100

Course: Enterprise Application Development

Pass Marks: 45

Time : 3hrs.

*Candidates are required to give their answers in their own words as far as practicable.*

*The figures in the margin indicate full marks.*

**Attempt all the questions.**

1. a) Which programming language would you choose for developing Enterprise Application? Why? Justify with your opinion. 7
- b) What is web service? Explain the web services technologies? List out the benefits of using web services. 8
2. a) What is Enterprise Application Framework? Explain Zachman Enterprise Application Framework. 7
- b) What is the purpose of using Data Exchange Formats? How would you represent the following XML data in JSON format? 8

```
<?xml version="1.0" encoding="UTF-8" ?>
```

```
<menu>
```

```
    <id>file</id>
```

```
    <value>File</value>
```

```
    <popup>
```

```
        <menuitem>
```

```
            <value>New</value>
```

```
            <onclick>CreateNewDoc()</onclick>
```

```
        </menuitem>
```

```
        <menuitem>
```

```
            <value>Open</value>
```

```
            <onclick>OpenDoc()</onclick>
```

```
        </menuitem>
```

```
        <menuitem>
```

```
            <value>Close</value>
```

```
            <onclick>CloseDoc()</onclick>
```

```
        </menuitem>
```

```
    </popup>
```

```
</menu>
```