

**M. TECH. –II (COMPUTER ENGINEERING) (CBCS – 2015  
COURSE) : WINTER - 2017  
SUBJECT : WEB TECHNOLOGIES**

Day: **Wednesday**  
Date: **29/11/2017**

**W-2017-2806**

Time: **11.00 AM TO 02.00 PM**  
Max. Marks: 60

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Draw suitable figures **WHEREVER** required.
- 3) Assume suitable data if **NECESSARY**.

**SECTION-I**

**Q.1** Explain XML with Xbase and Xinclude parsing methodologies using example [10]

**OR**

Draw and Explain architecture of Web environment. [10]

**Q.2** What are JSP translations of compilation directives? How JSP provides connectivity to database? [10]

**OR**

Explain the importance of XLS programming with suitable example. [10]

**Q.3** How .NET environment supports ASP pages. Explain using suitable example. [10]

**OR**

What are the objects and components in ASP? How they are represented? [10]

**SECTION – II**

**Q.4** Compare and contrast Applets and Servlets. State the applications of each to support your justification. [10]

**OR**

What are client side scripts? Explain server side program with suitable example. [10]

**Q.5** Explain in detail web protocols support tools used for web site creation and management. [10]

**OR**

Explain the process of publishing information in client server computing with three tier architectures system. [10]

**Q.6** What is RPC? Explain in detail the creation and management of RPC using suitable diagram. [10]

**OR**

What are different protocols at application layer for developing a web application? Explain with example. [10]