

**B.TECH SEM – VI (2007 COURSE) (INF. TECH.) : WINTER
- 2017**

SUBJECT :WEB TECHNOLOGIES

Day : **Monday**
Date : **20/11/2017**

W-2017-2519

Time : **10.00 AM TO 01.00 PM**
Max. Marks : **80**

N.B.

- 1) **Q.1 and Q.5 are COMPULSORY.** Out of the remaining attempt any **TWO** questions from each Section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.
- 4) Assume suitable data if necessary.

SECTION – I

- Q.1**
- a) Explain the operation scenario of SMTP protocol. (05)
 - b) Compare DOM with SAX in XML processing. (05)
 - c) Write a note on JSP tag Library. (04)
- Q.2**
- a) Write HTML script which creates web page which should display the available book details in a shop in a tabular form with title of the book (07)
 - b) Identify and explain various servers used in internet communication (06)
- Q.3**
- a) Write a Java Script to find sum of first n even numbers and display result. Get the value n from user. (07)
 - b) How to create an array in Java Script? (06)
- Q.4**
- a) Explain the architecture of servlet. (07)
 - b) What is session? Explain about session tracking and session management using an example. (06)

SECTION – II

- Q.5**
- a) List out predefined classes in PHP. (05)
 - b) When should AJAX be not used? What is the syntax to create AJAX object? (05)
 - c) What are various types of JDBC drivers? (04)
- Q.6**
- a) What is client server computing? Explain different components of client server computing. (07)
 - b) Describe the servlet architecture and the various interfaces invoked by servlet container. (06)
- Q.7**
- a) Explain the functionalities of javax.serveletpackage for web server. (07)
 - b) Explain the need of the Timer control in AJAX. (06)
- Q.8**
- a) Build a web page which accepts user information on website to check if all the text field have being entered with data else display an alert. (07)
 - b) What is distributed object systems (DOS)? Explain different security issues in DOS. (06)

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