

Registration No. :

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Total number of printed pages – 2

B. Tech
PCIT 4301

Sixth Semester Regular Examination – 2014
INTERNET AND WEB TECHNOLOGY

BRANCH : IT, ES₁₂

QUESTION CODE : F 220

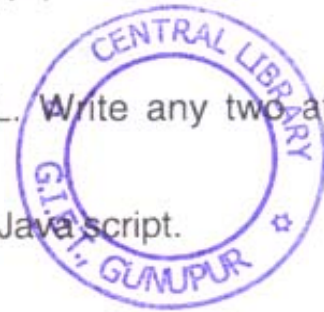
Full Marks – 70

Time : 3 Hours

Answer Question No. 1 which is compulsory and any **five** from the rest.

The figures in the right-hand margin indicate marks.

1. Answer the following questions : 2×10
- Name any two web servers. What is WWW ?
 - Name the different protocols used in internet.
 - Write the importance of <hr> tag in HTML. Write any two attributes associated with it.
 - Write the different control statements used in Java script.
 - What is style rule cascading ?
 - Name the different nodes under HTML DOM.
 - Write how to test and debug a CGI script.
 - Mention the syntax and usefulness of print function in Perl script.
 - Write the usefulness and format of parameter tags used in an applet.
 - Outline the important features of Java.
2. (a) Define the followings : 1×5
- TCP/IP
 - Web browser
 - UDP
 - URL
 - Secure servers.
- (b) Design a form using HTML that displays the records of five students in a tabular format. 5



P.T.O.

3. (a) Outline the important characteristics of Java scripts. What are its merits for web programming ? 5
(b) Write a Java script program that defines and uses an object constructor. 5
4. (a) Write a Java script program sorting the following elements in descending order : 5
106, 51, 17, 9, 4, 10, 50
(b) Discuss the exception handling in Java script. 5
5. (a) Explain the different types of normal flow box layout use in CSS. 5
(b) Compare HTML, DHTML and XML. Which one is more suitable for web applications ? 5
6. (a) Name any five CGI environment variables with their value. 5
(b) Mention how to include the following in your form using CGI : 5
(i) Radio button
(ii) Check box
(iii) Select
(iv) Multi-choice select.
7. (a) Explain the life-cycle of an applet. Differentiate between init () and start () method. 5
(b) Write an applet to display the following details of Teacher : 5
Name, Designation, Department, Phone number
8. Write short notes on any **two** of the following : 5x2
(a) DHTML form
(b) HTML DOM
(c) External style sheets vs. internal style sheets
(d) Operators in Perl.

