

JK LAKSHMIPAT UNIVERSITY, JAIPUR

INSTITUTE OF ENGINEERING AND TECHNOLOGY

End Term Examination (Regular), November 2017
B. Tech in Computer Science Engineering, Semester III

Subject Code: CSE 304

Roll No.....

Subject Name: Application Development

Time: 3 hours

Max. Marks: 100

Instructions to students:

1. Do not write anything other than your roll number on question paper.
 2. Assume suitable data wherever required and mention it clearly.
 3. Writing appropriate units, nomenclature, and drawing neat sketches/schematics/ flow chart wherever, required are an integral part of the answer.
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Q.1A Objective type multiple choice questions (10 questions @ 1 mark)

10

i. Which of the tag is used to create a number list?

- A.
- B.
- C. and
- D. None of these

ii. The text inside the <TEXT AREA> tag works like

- A. <P> formatted text
- B. <T> formatted text
- C. <PRE> formatted text
- D. none of these

iii. What is the correct HTML for adding a background color?

- A. <background>yellow<Background>
- B. <body color = "yellow">
- C. <body bg color = "yellow">
- D. <body bg ="yellow">

iv. www is based on which model?

- A. Local-server
- B. Client-server

C.3-tier

D.None of these

- v. Which of the following property is used to align the text of a document?
- A - text-indent
 - B - text-align
 - C - text-decoration
 - D - text-transform
- vi. Which of the following attributes is used to specify elements to bind style rules to?
- a) id
 - b) class
 - c) tag
 - d) all of the mentioned
- vii. _____ selectors, which are used to specify a rule to bind to a particular unique element
- a) id
 - b) class
 - c) tag
 - d) both (b) and (c)
- viii. Which of these statement is incorrect?
- a) Every class must contain a main() method.
 - b) Java requires a main() method.
 - c) There can be only one main() method in a program.
 - d) main() method must be made public.
- ix. Which of the following statements is correct?
- a) Public method is accessible to all other classes in the hierarchy
 - b) Public method is accessible only to subclasses of its parent class
 - c) Public method can only be called by object of its class.
 - d) Public method can be accessed by calling object of the public class.
- x. Which of these keywords is used to make a class?
- a) class
 - b) struct
 - c) int
 - d) None of the mentioned*

- Q.2 Short answer type questions (4 questions @ 2.5 marks) 10
- i. What are basic principles involved in designing a web page.
 - ii. Explain some web standards followed for internet?
 - iii. Explain box model with diagram.
 - iv. What is Visibility modifiers in Java.
- Q.3A Explain in detail Five Golden rules of web designing 05
- Q.3B Explain Designing navigation bar, Page design, and Home Page Layout. 05

Q.4A	Create a IRCTC look alike website. Use frames such that page is divided into 3 frames 20% on left to show contents of pages, 60% in center to show body of page, remaining on right to show remarks.	05
Q.4B	Use tables to provide layout to your IRCTC HTML page.	05
Q.5A	Design a home page in HTML which will display your information, i.e. Bio data, using Image Link and File Link to upload images and necessary documents.	05
Q.5B	Create a HTML web page with the following: i) To embed an image map in a web page ii) To fix the hot spots iii) Show all the related information when the hot spots are clicked.	05
Q.6A	Design a Signup form with validation using HTML and CSS.	05
Q.6B	Explain CSS Id and Class through program.	05
	OR	
Q.6B	Explain working with block elements, objects, Lists in CSS.	05
Q.7A	Demonstrate use of abstract class through a Java program.	05
Q.7B	Demonstrate use of inheritance (multi level and multiple) through a Java program.	05
	OR	
Q.7B	Demonstrate use of constructor and finalizer. Perform overloading as per requirements.	05
Q.8A	Explain run time and compile time polymorphism through a java program. Create a program for computing area of square, triangle, rectangle, and circle.	10
Q.9A	Explain Inbuilt classes like String, Character, StringBuffer, File this reference.	10
Q.9B	Design a mark sheet using HTML and CSS. Display marks of some students with subjects in a tabular format.	05
	OR	
Q.9B	Explain Grouping, Dimension, Display, Positioning, and Pseudo class in CSS.	10