## Diplete - CS (NEW SCHEME) - Code: DC60

Subject: JAVA AND WEB PROGRAMMING						
Time:	3 Hours	UNE 2011	Max. Marks: 100			
<ul><li> Qu the</li><li> The the</li><li> Ou TH can</li></ul>	e space provided for it in the anse answer sheet for the Q.1 will be commencement of the examinat of the remaining EIGHT QHREE questions from Part A arries 16 marks.	ries 20 marks. Answer to Q.1 must swer book supplied and nowhere else be collected by the invigilator after action.  uestions, answer any FIVE Questiond TWO questions from Part B. Even, may be suitably assumed and st	e. 45 Minutes of ons, selecting Each question			
Q.1	Choose the correct or the best	alternative in the following:	(2×10)			
	a. Which of the following is no	t a legal identifier?				
	(A) a2z (C) 52pickup	(B) ödipus (D) _class				
	b. Which statement is true?					
	(C) static, unsigned, and long	ords in the Java language.  e keywords in the Java language. g are keywords in the Java language. are keywords in the Java language.				
	c. Which of the following primitive data types are not integer types?					
	<ul><li>(A) Type long</li><li>(C) Type float</li></ul>	<ul><li>(B) Type byte</li><li>(D) Type short</li></ul>				
	d. What is the value of the expr	ession $(1/2 + 3/2 + 0.1)$ ?				
	(A) 1 (C) 1.6	(B) 1.1 (D) 2				
	e. Which of the following expre	essions evaluates to true?				
	(A) (false) (C) (4 <= 4)	( <b>B</b> ) (null != null) ( <b>D</b> ) (!true)				
	<ul><li>f. Given the following declara assuming the array has been int[] array;</li></ul>	tion, which expression returns the size initialized?	e of the array,			
	<ul><li>(A) array[].length()</li><li>(C) array[].length</li></ul>	<ul><li>(B) array.length()</li><li>(D) array.length</li></ul>				

	g.	g. Which one of the following array declaration statements is not legal?			
		<ul><li>(A) int []a[] = new int [4][4];</li><li>(C) int a[][] = new int [][4];</li></ul>	( <b>B</b> ) int a[][] = new int [4][4]; ( <b>D</b> ) int []a[] = new int [4][];		
	h.	Which one of these is a valid method declaration?			
		(A) void method1 { /* */ } (C) void method3(void) { /* */ }	( <b>B</b> ) void method2() { /* */ } ( <b>D</b> ) method4() { /* */ }		
	i.	Given a class named Book, which one of these is a valid constructor declaration for the class?			
		<ul><li>(A) Book(Book b) {}</li><li>(C) private final Book() {}</li></ul>	( <b>B</b> ) Book Book() {} ( <b>D</b> ) void Book() {}		
	j.	How restrictive is the default accessibility compared to public, protected, and private accessibility?			
		<ul> <li>(A) Less restrictive than public.</li> <li>(B) More restrictive than public, but less restrictive than protected.</li> <li>(C) More restrictive than protected, but less restrictive than private.</li> <li>(D) More restrictive than private.</li> </ul>			
PART A Attempt any THREE questions. Each question carries 16 marks.					
		Attempt any THREE questions. I	Each question carries 16 marks.		
Q.2	a.	Attempt any THREE questions. I		(8)	
Q.2		List the important characteristics of		, ,	
Q.2 Q.3	b.	List the important characteristics of How Java is more secured than othe associated with the Internet?	Java Language.	rongly (8)	
	b.	List the important characteristics of How Java is more secured than othe associated with the Internet?	Java Language.  r languages? Also state why Java is state conversion and Casting with examples	rongly (8)	
	b.	List the important characteristics of  How Java is more secured than othe associated with the Internet?  Explain how Java takes care of type	Java Language.  Ir languages? Also state why Java is street conversion and Casting with examples ent basic stack operations.	rongly (8) s.(8)	
Q.3	<ul><li>b.</li><li>a.</li><li>b.</li><li>a.</li></ul>	List the important characteristics of  How Java is more secured than othe associated with the Internet?  Explain how Java takes care of type  Write a program in Java to impleme	Java Language.  er languages? Also state why Java is street conversion and Casting with examples ent basic stack operations.  erriding with example for each.	rongly (8) s.(8) (8)	
Q.3	<ul><li>b.</li><li>a.</li><li>b.</li><li>b.</li></ul>	List the important characteristics of How Java is more secured than othe associated with the Internet?  Explain how Java takes care of type Write a program in Java to impleme Explain method overloading and over	Java Language.  Ir languages? Also state why Java is street conversion and Casting with examples ent basic stack operations.  Herriding with example for each.  Herriding with example for each.	rongly (8) s.(8) (8)	
Q.3 Q.4	<ul><li>b.</li><li>a.</li><li>a.</li><li>b.</li><li>a.</li></ul>	List the important characteristics of How Java is more secured than othe associated with the Internet?  Explain how Java takes care of type Write a program in Java to impleme Explain method overloading and ove Explain different types of inheritance	Java Language.  Ir languages? Also state why Java is street conversion and Casting with examples ent basic stack operations.  Herriding with example for each.	rongly (8) s.(8) (8) (8) (8)	
Q.3 Q.4	<ul><li>b.</li><li>a.</li><li>a.</li><li>b.</li><li>a.</li></ul>	List the important characteristics of How Java is more secured than other associated with the Internet?  Explain how Java takes care of type Write a program in Java to implement Explain method overloading and ove Explain different types of inheritance What is a package in Java? Explain What is an Interface in Java? Explain	Java Language.  Ir languages? Also state why Java is street conversion and Casting with examples ent basic stack operations.  Herriding with example for each.  Here in Java.  In how do you create interfaces?	rongly (8) s.(8) (8) (8) (8) (8)	
Q.3 Q.4 Q.5	<ul><li>b.</li><li>a.</li><li>b.</li><li>a.</li><li>b.</li><li>a.</li></ul>	List the important characteristics of How Java is more secured than othe associated with the Internet?  Explain how Java takes care of type Write a program in Java to impleme Explain method overloading and ov Explain different types of inheritance What is a package in Java? Explain What is an Interface in Java? Explain	Java Language.  Ir languages? Also state why Java is state conversion and Casting with examples and basic stack operations.  It is a state operation of the state of the state operation ope	rongly (8) 3.(8) (8) (8) (8) (8) (8)	

## PART B Attempt any TWO questions. Each question carries 16 marks.

**Q.7** a. What is Domain Name System? Mention the points to note about domain space. **(8) (8)** b. Briefly explain the steps of Web development process. **Q.8** What is Server Side Includes? Explain how you include SSI in web pages. (8) b. Mention the different information architectures that can be good models for structuring the website. **(8) Q.9** a. What is CGI? Explain the use of cgi-bin directory in CGI programs. **(8)** b. What is the difference between block-level and inline elements? Explain with examples. **(8)**