Master of Computer Application (MCA - I) (CBCS Pattern) Second Semester CBCS

PSMCAT201 - Paper-I: Advanced Java

P. Pages: 1 GUG/W/18/11095 Time: Three Hours Max. Marks: 80 All the questions are compulsory and carry equal marks. Notes: 1. 2. Draw neat and labelled diagram wherever necessary. 3. Avoid vague answers. 1. Either a) Explain any four swing components. 8 Write a program to insert a employee record in access table. 8 b) OR c) What is collection class in Java? Explain any two methods of it. 8 Explain in detail Event Delegation Model. d) 8 2. Either 8 a) Explain in detail various Http methods. Discuss in detail about servlet Life Cycle. b) 8 OR c) What is meant by web server? Explain in detail. 8 Explain, how the servlet- Browser communication takes place? d) **3.** Either Discuss in detail JSP Life cycle. 8 a) Explain in detail any four classic tags with example. b) OR What are the various JSP Implicit objects? Explain. c) 8 d) Explain in detail declarative JSP scripting elements. 8 4. Either a) What is ORM? Explain. 8 What is meant by CRUD operations? Explain in detail. b) OR Explain the configuration of XML file in detail. c) 8 Write a sample application using Hibernate. 8 d) 5. Attempt all the questions. Write a short note on Hash set. 4 b) Explain in brief Generic Servlet. Write in short about web logic. c) 4 Discuss in brief about Native SQL. d)
