**2022－2023 学年第二学期《软件开发环境》A卷答案**

授课班号 年级专业 学号 姓名

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| 得分 | 评阅人 |
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1. 单项选择题 (共30分，每题1分，选择最恰当答案）

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| C | A | C | B | D | C | C | B | C | C |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| D | C | C | A | A | B | C | B | C | D |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| B | A | A | C | B | B | D | A | C | B |

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| 得分 | 评阅人 |
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二、判断题 (共20分，每题1分）

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| **×** | **×** | **√** | **×** | **√** | **×** | **×** | **√** | **×** | **√** |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| **√** | **×** | **√** | **×** | **×** | **√** | **√** | **×** | **√** | **√** |

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**三、读程序，回答问题(共25分）**

**1. (1)** 设置HTML文档的编码格式 (**2分**)

**(2)** 以二级标题显示”图书信息列表” **(2分)**

**(3)** 创建表格，边框等于1个像素 **(2分)**

**(4) (3分)**

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**2. (1)** 获得请求参数opererato1 **(2分)**

**(2)** 将字符串转换为整型 **(2分)**

**(3)** 通过表达式返回计算结果，如果null显示空字符串 **(2分)**

**3. (1)** useBean **(1分)**

**(2)** \* **(1分)**

**(3)** getProperty **(1分)**

**(4)** getPropery **(1分)**

**4. (1)** 创建一个SAX解析对象 **(2分)**

**(2)** 创建File对象，指向当前路径下bookstory.xml文件 **(2分)**

**(3)** 使用 SAX解析对象解析XML **(2分)**

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四、编程题，写出尽量完整的Java类或者JSP页面(共25分）

**（1）inputBook.html(5分)**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

</head>

<body>

<form action="addBook" method="post">

图书名称:<input name="bookName" /></br>

图书名称:

<select name="publisher">

<option>电子工业出版社</option>

<option>清华大学出版社</option>

<option>人民邮电出版社</option>

</select>

</br>

作者:<input name="author" />

<input type="submit" />

</form>

</body>

</html>

**(2)BookInfo.java(5分)**

package lj.test;

public class BookInfo {

private String bookName;

private String publisher;

private String author;

public String getBookName() {

return bookName;

}

public void setBookName(String bookName) {

this.bookName = bookName;

}

public String getPublisher() {

return publisher;

}

public void setPublisher(String publisher) {

this.publisher = publisher;

}

public String getAuthor() {

return author;

}

public void setAuthor(String author) {

this.author = author;

}

}

(3) AddBookServlet.java请求处理部分(5分)

package lj.test;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class AddBookServlet extends HttpServlet {

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

String bookName=request.getParameter("bookName");

String publisher=request.getParameter("publisher");

String author=request.getParameter("author");

BookInfo book=new BookInfo();

book.setBookName(bookName);

book.setPublisher(publisher);

book.setAuthor(author);

(4) AddBookServlet.java数据库操作部分(8分)

try {

Class.forName( "com.mysql.cj.jdbc.Driver" );

}catch(Exception e) {

e.printStackTrace();

}

String url = "jdbc:mysql://127.0.0.1:3306/BookStore?serverTimezone=Asia/Shanghai&characterEncoding=utf8";

String sql="insert into BookInfo(bookName,publisher,author) values( ? , ? , ? )";

try(Connection conn=DriverManager.getConnection(url, "root", "lj123$%^");

PreparedStatement ps=conn.prepareStatement(sql)){

ps.setString(1, book.getBookName());

ps.setString(2, book.getPublisher());

ps.setString(3, book.getAuthor());

int ret=ps.executeUpdate();

}catch(Exception e) {

e.printStackTrace();

}

}

}

(5)web.xml(2分)

<servlet>

<servlet-name>AddBook</servlet-name>

<servlet-class>lj.test.AddBookServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>AddBook</servlet-name>

<url-pattern>/addBook</url-pattern>

</servlet-mapping>