Financial IT Examination-JavaEntry-Level_EN_201905

Examinee information：

Full Name：_____ Sex：_____ Phone：_____ School：_____

Paper description：

Exam Rules

If you are planning to take a FINANCIAL IT TALENTS ONLINE EVALUATION SYSTEM exam, please observe the following rules:

~~1.   You are required to comply with all the instructions issued by the registrar, exam supervisor~~

Question：（**In the test paper: the Java portion accounts for 60%, the SQL portion accounts for 16%, and the Domain portion accounts for 24%.**）

Ⅰ. Domain(15 questions,30.0 points)(The Domain portion accounts for 100%)

1.(1 point)Which of the following items is not a liquid asset?
 A.Monetary Fund
 B.accounts receivable
 C.accounts payable
 D.inventory

2. (1 point)What is the main factor in credit analysis for a personal loan?
 A.Personal character
 B.Expected income
 C.Asset
 D.Collateral

3.(1 point)When payment of debt is guaranteed by personal property owned by the debtor or in which the debtor has a legal interest, the transaction is known as:
 A.A bankruptcy.
 B.An unsecured transaction.
 C.A secured transaction.
 D.A liquidation.

Ⅱ. Technology(40 questions,40.0 points)（**In Technology：the Java Core portion accounts for 60%，the J2EE portion accounts for 30%， the SQL portion accounts for 10%**）

1. (2.0 points)Which of the following is correct for the description of 'Try' block?（Test center：Capturing exceptions in Java）
A.There should be at least one catch block after the Try block

B. There must be a finally block after the Try block

C. Methods that may throw Exceptions which should be instead of in the Try block

D. The processing of the thrown Exception should be instead of in the Try block

2. (2.0 points)Which of the following methods can define to use multi-threading? (multiple) (Test center: Definition of multithreading in Java)

A. extend Thread class

B. implements Runnable Interface

C. implements Callable Interface

D. implements run method

3. (2.0 points)JSP can use some hidden objects, which choice can you define to accept the parameters entered by the browser ( ) (Test center: How to accept the parameters passed by the browser in J2EE)

A. param

B. requestScope

C. sessionScope

D. applicationScope

4. (2.0 points)After Spring integrates Hibernate, which methods can you use to save data?(multiple)
 (Test center: Use of the Java framework Hibernate)

A. save

B. load

C. update

D. merge

5. (2.0 points)Which of the following is true about the Spring configuration file.(multiple) (Test center: Use of Spring for the Java framework)

A. The Spring configuration file must be named applicationContext.xml

B. Spring configuration file can not be named applicationContext.xml

C. Spring configuration file can have multiple file

D. Spring configuration file can only have one file

6. (2.0 points)Which of the following description of the base data type is correct? (Test center: Understanding of data types in Java)

A. The boolean data type has only two values, TRUE or FALSE

B. Using long type to save decimals

C. The Float data type can hold a larger data range than the Double data type

D. The Byte data type can save number type

1. (2.0 points)To be overridden, a method must have the same _____, _____ and return _____ .
空一:_____ (Test center: Java method overridden)
空二:_____
空三:_____

2. (2.0 points)Please write three annotations in Spring _____, _____, _____
空一:_____ (Test center: Annotation implementation of Java framework Spring framework)
空二:_____
空三:_____

3. (2.0 points)It is known that the Unicode value of the character '1' is 49, then the result of system.out.println('1'+2) is _____ (Test center: Conversion of data types in Java)

空一:_____

Ⅲ. Programming(2 questions,50.0 points)（In programming：The SQL part accounts for 30%, the Java core and JavaEE parts account for 70%）

1.(28.0 points)During the financial business, the query of transaction history which implemented by SSM (spring+springMVC+Mybatis+Mysql). According to the following code, please finish the code segment (the specific configuration has been implemented, you can call it directly).

(Test center：Comprehensive use of JavaEE, SQL query statements against the database)

MySQL table structure:

```
CREATE TABLE `ln_trans` (
    `lnctranf_id` varchar(11)  NOT NULL DEFAULT '' COMMENT 'Loan transaction serial number',
    `lnctranf_code` varchar(4)  NOT NULL DEFAULT '' COMMENT 'trasaction code',
    `lnctranf_account` varchar(19)  NOT NULL DEFAULT '' COMMENT ' Trading account number ',
    `lnctranf_card_no` varchar(19)  NOT NULL DEFAULT '' COMMENT ' Trading card number ',
    `lnctranf_desc` varchar(40)  NOT NULL DEFAULT '' COMMENT ' Transaction description ',
    `lnctranf_date` varchar(10)  NOT NULL DEFAULT '' COMMENT ' transaction date ',
    `lnctranf_time` varchar(8)  NOT NULL DEFAULT '' COMMENT ' transaction hour ',
    `lnctranf_amt_in_trans` double(18,2) NOT NULL DEFAULT '0.00' COMMENT ' transaction amount ',
    `lnctranf_pay_way` varchar(2)  NOT NULL DEFAULT '' COMMENT ' Transaction Type ',
    PRIMARY KEY (`lnctranf_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci COMMENT=' Transaction history table ';
```

Loan transaction POJO class:

```
public class LnTransPo implements Serializable {
        private static final long serialVersionUID = 2288176668647476383L;
        private String lnctranf_id;
        private String lnctranf_code;
        private String lnctranf_account;
        private String lnctranf_card_no;
        private String lnctranf_desc;
        private String lnctranf_date;
        private String lnctranf_time;
        private String lnctranf_amt_in_trans;
        private String lnctranf_pay_way;

        Getter and Setter……
}
```

(6 points)Page JQuery.ajax request (Receive in Json format)
(LoanTrans.js)

```
$.ajax({
    type: "_____(1)_____",
                url: " ${pageContext.request.contextPath}/loan/loanTrans",
    dataType: "___(2)___",
```

```
    success: function(data){
        console.log(data);
    }
})
```

(12 points)Java code segment. (Complete code according to context)
(LoanController.java)

```
_____(3)_____
_____(4)_____ (value = "____(5)____")
public class LoanController {
    _____(6)_____
    private LoanService loanService;

    _____(7)_____ (value = "____(8)_____", method = RequestMethod.POST)
    public _____(9)_____ LoanTrans() {
        List< LnTransPo > loanTrans = new ArrayList<LnTransPo>();
        _____(10)_____
                        return loanTrans;
    }
}
```

(LoanService.java)

```
_____(11)_____
public interface LoanService {
    List<LnTransPo> getLoanTransList();
}
```

mybatis code part (Fill in the contents of the following code)
(10 points)(LoanTransMapper.xml)

```
<mapper namespace=" LoanTransMapper ">
        <resultMap id=" LnTransMap" type="ln.pojo.LnTransPo " >
            _____(12)_____
                        _____........._____
        </resultMap>
        <select id="selectLoanTransList" resultType="LnTransPo">
                        _____(13)_____
        </select>
</mapper>
```