**AISSCE PRACTICAL EXAMINATION – 2020**

**Computer Science(283)**

**Center Name:** Velammal Vidyalaya Sr. Sec. School **Centre No**: 5703

**STD :** XII  **Marks : 30**

**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to implement bank account simulation using class. **(10)**

2. SQL Commands **(5)**

**Table: EMPLOYEE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ECODE | NAME | DESIG | SGRADE | DOJ | DOB |
| 101 | Abdul Ahmad | EXECUTIVE | S03 | 23-Mar-2003 | 13-Jan-1980 |
| 102 | Ravi Chander | HEAD-IT | S02 | 12-Feb-2010 | 22-Jul-1987 |
| 103 | John Ken | RECEPTIONIST | S03 | 24-Jan-2009 | 24-Feb-1983 |
| 104 | Nazar Ameen | GM | S02 | 11-Aug-2006 | 03-Mar-1984 |
| 105 | Priyam Sen | CEO | S01 | 29-Dec-2004 | 19-Jan-1982 |

**Table: SALGRADE**

|  |  |  |
| --- | --- | --- |
| SGRADE | SALARY | HRA |
| S01 | 56000 | 18000 |
| S02 | 32000 | 12000 |
| S03 | 24000 | 8000 |

(i) To display the details of all EMPLOYEES in descending order of DOJ.

(ii) To display NAME and DESIG of those EMPLOYEES whose SALGRADE is either S02 or SO3.

(iii) To display the content of the entire EMPLOYEES table, whose DOJ is in between 09-Feb-2006 and 08-Aug-2009.

(iv) To add a new row with the following

109, ‘Harish Roy’, ‘HEAD-IT’, ‘S02’,’09-Sep-2007’, ’21-Apr-1983’

(v) To display the details of SALGRADE table whose salary is more than 25000.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

**AISSCE PRACTICAL EXAMINATION – 2020**

**Computer Science(283)**

**Center Name:** Velammal Vidyalaya Sr. Sec. School **Centre No**: 5703

**STD :** XII  **Marks : 30**

**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to implement inventory simulation using class. **(10)**

2. SQL Commands **(5)**

**Books:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Bookid | BookName | AuthorName | Publisher | Price | Type | Qty |
| C0001 | Fast Cook | Lata Kapoor | EPB | 355 | Cookery | 5 |
| F0001 | The Tears | William Hopkins | First Publ | 650 | Fiction | 20 |
| T0001 | My First C++ | Brain & Brooke | EPB | 350 | Text | 10 |
| T0002 | C++ Brainworks | A.W. Rossaine | TDH | 350 | Text | 15 |
| F0002 | Thunderbolts | Anna Roberts | First publ. | 750 | Fiction | 50 |

**Issued**

|  |  |
| --- | --- |
| Bookid | QtyIssued |
| T0001 | 4 |
| C0001 | 5 |
| F0001 | 2 |

(i) To display Book name, author name and price of First publ books.

(ii) To display the names and price of books in ascending order of their price.

(iii) To display bookid, bookname, and qtyissued

(iv) To display the Maximum price of the book.

(v) To select the books whose quantities are more than or equal 20.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

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**Computer Science(283)**

**Center Name:** Velammal Vidyalaya Sr. Sec. School **Centre No**:5703

**STD :** XII  **Marks : 30**

**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to implement multilevel inheritance. **(10)**

2. SQL Commands **(5)**

**CLIENT:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cust\_id | Cust\_name | Address | Phone\_no | City |
| C007 | MANI | VILLAPURAM | 7343234523 | MADURAI |
| C008 | KANI | NARI MEDU | 8343234523 | CHENNAI |
| C010 | VANI | NILAIYOOR | 9343234523 | KOLKATTA |
| C012 | SENTHIL | AATHUR | 6343234523 | DELHI |
| C013 | BANUMATHI | CHINNALAPATTI | 6643234523 | DINDUGUL |

**BILL:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ord\_id | Cust\_id | Item | Ord\_date | Qty | Price |
| 7002 | C007 | Pizza | 20-11-07 | 1 | 250 |
| 7003 | C013 | Garlic Bread | 24-10-05 | 3 | 75.75 |
| 7004 | C012 | Pasta | 03-03-07 | 4 | 173 |
| 7005 | C010 | Ice Cream | 01-01-08 | 30 | 195.75 |
| 7006 | C035 | Pizza | 02-03-06 | 4 | 250 |
| 7009 | C035 | Garlic Bread | 02-03-08 | 2 | 75.75 |

i) To Display a report containing Cust\_id, Cust\_name, Item, Qty, Price and Bill Amount.

[note: bill amount is calculated using qty\*price].

ii) To display how many customers have ordered pizza and ord\_date in the month March.

iii)To Count the number of customers who have order items worth than 700.

iv) To Display the names of customers along with their city in alphabetical order of city.

v) To display the bill details for the customer KANI and VANI.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

**AISSCE PRACTICAL EXAMINATION – 2020**

**Computer Science(283)**

**Center Name:** Velammal Vidyalaya Sr. Sec. School **Centre No**:5703

**STD :** XII  **Marks : 30**

**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to implement stack using linked list for push and pop operation. **(10)**

2. SQL Commands **(5)**

**BOOKS:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Bookid | BookName | AuthorName | Publisher | Price | Type | Qty |
| C0001 | Fast Cook | Lata Kapoor | EPB | 355 | Cookery | 5 |
| F0001 | The Tears | William Hopkins | First Publ | 650 | Fiction | 20 |
| T0001 | My First C++ | Brain & Brooke | EPB | 350 | Text | 10 |
| T0002 | C++ Brainworks | A.W. Rossaine | TDH | 350 | Text | 15 |
| F0002 | Thunderbolts | Anna Roberts | First publ. | 750 | Fiction | 50 |

**ISSUED**

|  |  |
| --- | --- |
| Bookid | QtyIssued |
| T0001 | 4 |
| C0001 | 5 |
| F0001 | 2 |

(i) To display Book name, author name and price of First publishers books.

(ii) To display the names and price of books in ascending order of their price.

(iii) To display bookid, bookname, type & qtyissued

(iv) To increase the price of all books of TDH publishers by 100.

(v) To print Max qty and name of the book.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

**AISSCE PRACTICAL EXAMINATION – 2020**

**Computer Science(283)**

**Center Name:** Velammal Vidyalaya Sr. Sec. School **Centre No**:5703

**STD :** XII  **Marks : 30**

**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to find and display the sum of rows and column of two dimensional array. **(10)**

2. SQL Commands **(5)**

**CLIENT:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cust\_id | Cust\_name | Address | Phone\_no | City |
| C007 | MANI | VILLAPURAM | 7343234523 | MADURAI |
| C008 | KANI | NARI MEDU | 8343234523 | CHENNAI |
| C010 | VANI | NILAIYOOR | 9343234523 | KOLKATTA |
| C012 | SENTHIL | AATHUR | 6343234523 | DELHI |
| C013 | BANUMATHI | CHINNALAPATTI | 6643234523 | DINDUGUL |

**BILL:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ord\_id | Cust\_id | Item | Ord\_date | Qty | Price |
| 7002 | C007 | Pizza | 20-11-07 | 1 | 250 |
| 7003 | C013 | Garlic Bread | 24-10-05 | 3 | 75.75 |
| 7004 | C012 | Pasta | 03-03-07 | 4 | 173 |
| 7005 | C010 | Ice Cream | 01-01-08 | 30 | 195.75 |
| 7006 | C035 | Pizza | 02-03-06 | 4 | 250 |
| 7009 | C035 | Garlic Bread | 02-03-08 | 2 | 75.75 |

i) To Display bill for customer Senthil.

ii) To display how many customers have ordered pizza and ord\_date in the month March.

iii)To Count the number of customers who have order items worth than 700.

iv) To Display the names of customers along with their city in alphabetical order of city.

v) To display number of order for Ice cream.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

**AISSCE PRACTICAL EXAMINATION – 2020**

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**Center Name:** Velammal Vidyalaya Sr. Sec. School **Centre No**:5703

**STD :** XII  **Marks : 30**

**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to search for a particular element in an integer array using linear search technique. **(10)**

2. SQL Commands **(5)**

**Table: EMPLOYEE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ECODE | NAME | DESIG | SGRADE | DOJ | DOB |
| 101 | Abdul Ahmad | EXECUTIVE | S03 | 23-Mar-2003 | 13-Jan-1980 |
| 102 | Ravi Chander | HEAD-IT | S02 | 12-Feb-2010 | 22-Jul-1987 |
| 103 | John Ken | RECEPTIONIST | S03 | 24-Jan-2009 | 24-Feb-1983 |
| 104 | Nazar Ameen | GM | S02 | 11-Aug-2006 | 03-Mar-1984 |
| 105 | Priyam Sen | CEO | S01 | 29-Dec-2004 | 19-Jan-1982 |

Table:SALGRADE

|  |  |  |
| --- | --- | --- |
| SGRADE | SALARY | HRA |
| S01 | 56000 | 18000 |
| S02 | 32000 | 12000 |
| S03 | 24000 | 8000 |

(i) To display the details of all EMPLOYEES in descending order of DOJ.

(ii) To display NAME and DESIG of those EMPLOYEES whose SALGRADE is either S02 or SO3.

(iii) To display the content of all the EMPLOYEES table, whose DOJ is in between 09-Feb-2006 and 08-Aug-2009.

(iv) To add a new row with the following

109, ‘Harish Roy’, ‘HEAD-IT’, ‘S02’,’09-Sep-2007’, ’21-Apr-1983’

(v) To display the details of SALGRADE table whose salary is more than 25000.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

**AISSCE PRACTICAL EXAMINATION – 2020**

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**STD :** XII  **Marks : 30**

**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to count the number of lines present in a text file.  **(10)**

2. SQL Commands **(5)**

**Books:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Bookid | BookName | AuthorName | Publisher | Price | Type | Qty |
| C0001 | Fast Cook | Lata Kapoor | EPB | 355 | Cookery | 5 |
| F0001 | The Tears | William Hopkins | First Publ | 650 | Fiction | 20 |
| T0001 | My First C++ | Brain & Brooke | EPB | 350 | Text | 10 |
| T0002 | C++ Brainworks | A.W. Rossaine | TDH | 350 | Text | 15 |
| F0002 | Thunderbolts | Anna Roberts | First publ. | 750 | Fiction | 50 |

**Issued**

|  |  |
| --- | --- |
| Bookid | QtyIssued |
| T0001 | 4 |
| C0001 | 5 |
| F0001 | 2 |

(i) To display Book name, author name and price of First publishers books.

(ii) To display the names and price of books in descending order of their price.

(iii) To display bookid, bookname, type & qty issued

(iv) To increase the price of all books of EPB publishers by 50.

(v) To print Max qty and name of the book.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

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**STD :** XII  **Marks : 30**

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**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to implement queue using linked list for insert and delete operation. **(10)**

2. SQL Commands **(5)**

**CLIENT:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cust\_id | Cust\_name | Address | Phone\_no | City |
| C007 | MANI | VILLAPURAM | 7343234523 | MADURAI |
| C008 | KANI | NARI MEDU | 8343234523 | CHENNAI |
| C010 | VANI | NILAIYOOR | 9343234523 | KOLKATTA |
| C012 | SENTHIL | AATHUR | 6343234523 | DELHI |
| C013 | BANUMATHI | CHINNALAPATTI | 6643234523 | DINDUGUL |

**BILL:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ord\_id | Cust\_id | Item | Ord\_date | Qty | Price |
| 7002 | C007 | Pizza | 20-11-07 | 1 | 250 |
| 7003 | C013 | Garlic Bread | 24-10-05 | 3 | 75.75 |
| 7004 | C012 | Pasta | 03-03-07 | 4 | 173 |
| 7005 | C010 | Ice Cream | 01-01-08 | 30 | 195.75 |
| 7006 | C035 | Pizza | 02-03-06 | 4 | 250 |
| 7009 | C035 | Garlic Bread | 02-03-08 | 2 | 75.75 |

i) To Display a report containing Cust\_id, Cust\_name, Item, Qty, Price and BillAmount.

[note: bill amount is calculated using qty\*price].

ii) To display how many customers have ordered pizza and ord\_date in the month March.

iii)To Count the number of customers who have order items worth than 700.

iv) To Display the names of customers along with their city in alphabetical order of city.

v) To display the high sold item.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

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**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to find the matrix transpose by a 2-D array. **(10)**

2. SQL Commands **(5)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DRESS** | | | | |  | **MATERIAL** | |
| DCODE | DESCRIPTION | PRICE | MCODE | LAUNCH-DATE |  | MCODE | TYPE |
| D001 | NIGHT DRESS | 2500 | M001 | 2004-11-10 |  | M001 | JEAN |
| D002 | PALLA SOS | 3000 | M005 | 2015-12-06 |  | M002 | COTTON |
| D003 | SAREE | 2700 | M002 | 2011-02-17 |  | M003 | SILK COTTON |
| D004 | KURTA | 5700 | M003 | 2017-03-30 |  | M004 | LEATHER |
| D005 | CHUDIDAR | 7680 | M003 | 2015-01-25 |  | M005 | POLYESTER |
| D006 | T-SHIRT | 1000 | M005 | 2010-05-02 |  |  |  |

a) To display Dcode, Description of each dress in ascending order of D.code.

b) To display the details of all the dresses which have launchdate between 5 Dec 2007 and 20 June 2016.

c) To display the average prince of all dresses which are made up of material with Mcode “M003”.

d) To display material wise highest and lowest price of dresses from dress table.

e) To display the description and type from tables Dress and Material.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

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**STD :** XII  **Marks : 30**

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**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to insert records in a binary file “books.dat” based on a structure books. **(10)**

2. SQL Commands **(5)**

**CLIENT:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cust\_id | Cust\_name | Address | Phone\_no | City |
| C007 | MANI | VILLAPURAM | 7343234523 | MADURAI |
| C008 | KANI | NARI MEDU | 8343234523 | CHENNAI |
| C010 | VANI | NILAIYOOR | 9343234523 | KOLKATTA |
| C012 | SENTHIL | AATHUR | 6343234523 | DELHI |
| C013 | BANUMATHI | CHINNALAPATTI | 6643234523 | DINDUGUL |

**BILL:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ord\_id | Cust\_id | Item | Ord\_date | Qty | Price |
| 7002 | C007 | Pizza | 20-11-07 | 1 | 250 |
| 7003 | C013 | Garlic Bread | 24-10-05 | 3 | 75.75 |
| 7004 | C012 | Pasta | 03-03-07 | 4 | 173 |
| 7005 | C010 | Ice Cream | 01-01-08 | 30 | 195.75 |
| 7006 | C035 | Pizza | 02-03-06 | 4 | 250 |
| 7009 | C035 | Garlic Bread | 02-03-08 | 2 | 75.75 |

i) To Display a report containing Cust\_id, Cust\_name, Item, Qty, Price and BillAmount.

[note: bill amount is calculated using qty\*price].

ii) To display how many customers have ordered pizza and ord\_date in the month March.

iii)To Count the number of customers who have order items worth than 700.

iv) To Display the names of customers along with their city in alphabetical order of city.

v) To display the bill details for the customer KANI and VANI.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

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**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to implement multiple inheritances. **(10)**

2. SQL Commands **(5)**

**BOOKS:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Bookid | BookName | AuthorName | Publisher | Price | Type | Qty |
| C0001 | Fast Cook | Lata Kapoor | EPB | 355 | Cookery | 5 |
| F0001 | The Tears | William Hopkins | First Publ | 650 | Fiction | 20 |
| T0001 | My First C++ | Brain & Brooke | EPB | 350 | Text | 10 |
| T0002 | C++ Brainworks | A.W. Rossaine | TDH | 350 | Text | 15 |
| F0002 | Thunderbolts | Anna Roberts | First publ. | 750 | Fiction | 50 |

**ISSUED**

|  |  |
| --- | --- |
| Bookid | QtyIssued |
| T0001 | 4 |
| C0001 | 5 |
| F0001 | 2 |

(i) To display Book name, author name and price of First publishers books.

(ii) To display the names and price of books in ascending order of their price.

(iii) To display bookid, bookname, type & qtyissued

(iv) To increase the price of all books of EPB publishers by 50.

(v) To print Max qty and name of the book.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

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**STD :** XII  **Marks : 30**

**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to implement student report card preparation using class. **(10)**

2. SQL Commands **(5)**

**CLIENT:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cust\_id | Cust\_name | Address | Phone\_no | City |
| C007 | MANI | VILLAPURAM | 7343234523 | MADURAI |
| C008 | KANI | NARI MEDU | 8343234523 | CHENNAI |
| C010 | VANI | NILAIYOOR | 9343234523 | KOLKATTA |
| C012 | SENTHIL | AATHUR | 6343234523 | DELHI |
| C013 | BANUMATHI | CHINNALAPATTI | 6643234523 | DINDUGUL |

**BILL:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ord\_id | Cust\_id | Item | Ord\_date | Qty | Price |
| 7002 | C007 | Pizza | 20-11-07 | 1 | 250 |
| 7003 | C013 | Garlic Bread | 24-10-05 | 3 | 75.75 |
| 7004 | C012 | Pasta | 03-03-07 | 4 | 173 |
| 7005 | C010 | Ice Cream | 01-01-08 | 30 | 195.75 |
| 7006 | C035 | Pizza | 02-03-06 | 4 | 250 |
| 7009 | C035 | Garlic Bread | 02-03-08 | 2 | 75.75 |

i) To Display a report containing Cust\_id, Cust\_name, Item, Qty, Price and BillAmount.

[note: bill amount is calculated using qty\*price].

ii) To display how many customers have ordered pizza and ord\_date in the month March.

iii)To Count the number of customers who have order items worth than 700.

iv) To Display the names of customers along with their city in alphabetical order of city.

v) To display the bill details for the customer KANI and VANI.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

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**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to illustrate function overloading without using class. **(10)**

2. SQL Commands **(5)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DRESS** | | | | |  | **MATERIAL** | |
| DCODE | DESCRIPTION | PRICE | MCODE | LAUNCH-DATE |  | MCODE | TYPE |
| D001 | NIGHT DRESS | 2500 | M001 | 2004-11-10 |  | M001 | JEAN |
| D002 | PALLA SOS | 3000 | M005 | 2015-12-06 |  | M002 | COTTON |
| D003 | SAREE | 2700 | M002 | 2011-02-17 |  | M003 | SILK COTTON |
| D004 | KURTA | 5700 | M003 | 2017-03-30 |  | M004 | LEATHER |
| D005 | CHUDIDAR | 7680 | M003 | 2015-01-25 |  | M005 | POLYESTER |
| D006 | T-SHIRT | 1000 | M005 | 2010-05-02 |  |  |  |

a) To display Dcode, Description of each dress in ascending order of D.code.

b) To display the details of all the dresses which have launchdate between 5 Dec 2007 and 20 June 2016.

c) To display the average prince of all dresses which are made up of material with Mcode “M003”.

d) To display material wise highest and lowest price of dresses from dress table.

e) To display the description and type from tables Dress and Material.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

**AISSCE PRACTICAL EXAMINATION – 2020**

**Computer Science(283)**

**Center Name:** Velammal Vidyalaya Sr. Sec. School **Centre No**:5703

**STD :** XII  **Marks : 30**

**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to implement constructor over loading. **(10)**

2. SQL Commands **(5)**

**CLIENT:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cust\_id | Cust\_name | Address | Phone\_no | City |
| C007 | MANI | VILLAPURAM | 7343234523 | MADURAI |
| C008 | KANI | NARI MEDU | 8343234523 | CHENNAI |
| C010 | VANI | NILAIYOOR | 9343234523 | KOLKATTA |
| C012 | SENTHIL | AATHUR | 6343234523 | DELHI |
| C013 | BANUMATHI | CHINNALAPATTI | 6643234523 | DINDUGUL |

**BILL:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ord\_id | Cust\_id | Item | Ord\_date | Qty | Price |
| 7002 | C007 | Pizza | 20-11-07 | 1 | 250 |
| 7003 | C013 | Garlic Bread | 24-10-05 | 3 | 75.75 |
| 7004 | C012 | Pasta | 03-03-07 | 4 | 173 |
| 7005 | C010 | Ice Cream | 01-01-08 | 30 | 195.75 |
| 7006 | C035 | Pizza | 02-03-06 | 4 | 250 |
| 7009 | C035 | Garlic Bread | 02-03-08 | 2 | 75.75 |

i) To Display a report containing Cust\_id, Cust\_name, Item, Qty, Price and BillAmount.

[note: bill amount is calculated using qty\*price].

ii) To display how many customers have ordered pizza and ord\_date in the month March.

iii)To Count the number of customers who have order items worth than 700.

iv) To Display the names of customers along with their city in alphabetical order of city.

v) To update the name of the customer MANI as MANIVANNAN

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

**AISSCE PRACTICAL EXAMINATION – 2020**

**Computer Science(283)**

**Center Name:** Velammal Vidyalaya Sr. Sec. School **Centre No**:5703

**STD :** XII  **Marks : 30**

**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to write and read information in a text file.  **(10)**

2. SQL Commands **(5)**

**BOOKS:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Bookid | BookName | AuthorName | Publisher | Price | Type | Qty |
| C0001 | Fast Cook | Lata Kapoor | EPB | 355 | Cookery | 5 |
| F0001 | The Tears | William Hopkins | First Publ | 650 | Fiction | 20 |
| T0001 | My First C++ | Brain & Brooke | EPB | 350 | Text | 10 |
| T0002 | C++ Brainworks | A.W. Rossaine | TDH | 350 | Text | 15 |
| F0002 | Thunderbolts | Anna Roberts | First publ. | 750 | Fiction | 50 |

**ISSUED**

|  |  |
| --- | --- |
| Bookid | QtyIssued |
| T0001 | 4 |
| C0001 | 5 |
| F0001 | 2 |

(i) To display Book name, author name and price of First publishers books.

(ii) To display the names and price of books in ascending order of their price.

(iii) To display bookid, bookname and qty.

(iv) To increase the price of all books of TDH publishers by 150.

(v) To display distinct publisher from books

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*

**AISSCE PRACTICAL EXAMINATION – 2020**

**Computer Science(283)**

**Center Name:** Velammal Vidyalaya Sr. Sec. School **Centre No**:5703

**STD :** XII  **Marks : 30**

**Date :** 13.01.20 **Time: 3Hrs.**

**Roll No: \_\_\_\_\_\_\_\_\_\_\_**

1. Write a C++ program to sort the elements of an array using bubble sort technique. **(10)**

2. SQL Commands **(5)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DRESS** | | | | |  | **MATERIAL** | |
| DCODE | DESCRIPTION | PRICE | MCODE | LAUNCH-DATE |  | MCODE | TYPE |
| D001 | NIGHT DRESS | 2500 | M001 | 2004-11-10 |  | M001 | JEAN |
| D002 | PALLA SOS | 3000 | M005 | 2015-12-06 |  | M002 | COTTON |
| D003 | SAREE | 2700 | M002 | 2011-02-17 |  | M003 | SILK COTTON |
| D004 | KURTA | 5700 | M003 | 2017-03-30 |  | M004 | LEATHER |
| D005 | CHUDIDAR | 7680 | M003 | 2015-01-25 |  | M005 | POLYESTER |
| D006 | T-SHIRT | 1000 | M005 | 2010-05-02 |  |  |  |

a) To display Dcode, Description of each dress in ascending order of D.code.

b) To display the details of all the dresses which have launchdate between 5 Dec 2007 and 20 June 2016.

c) To display the average prince of all dresses which are made up of material with Mcode “M003”.

d) To display material wise highest and lowest price of dresses from dress table.

e) To display the description and type from tables Dress and Material.

3. Project Work **(5)**

4. Practical File (Record Note) **(6)**

5. Viva Voce **(4)**

\*\*\*\*\* Best Wishes \*\*\*\*\*