Roll No. of Candidate : ~~09411~~

COMPUTER SCIENCE Intermediate Part-II, Class 12th (1stA 423- IV) Paper: **II**

Time: 20 Minutes Guj-12-23 **OBJECTIVE** ..... Code: 8838 Marks: 15

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question.

MS-ACCESS

1.
   1. Customers, cars and parts are example of
      - (A) attributes
      - (B) entities
      - (C) cardinals
      - (D) relationships
   2. A form within another form is called
      - (A) sub-form
      - (B) main form
      - (C) multi-form
      - (D) inserted form
   3. How many primary keys can a table have ?
      - (A) 1
      - (B) 2
      - (C) 1 to 3
      - (D) 4
   4. Which of the following file is used to store additional copy of data?
      - (A) master file
      - (B) transaction file
      - (C) backup file
      - (D) basic file
   5. Two or more attributes with different names but same meaning create a problem known as
      - (A) homonyms
      - (B) aliases
      - (C) synonyms
      - (D) alternate attributes
   6. How many table views are available in MS-Access ?
      - (A) 5
      - (B) 2
      - (C) 3
      - (D) 4

VISUAL BASIC

   7. All of the followings are relational operators except
      - (A) &
      - (B) =
      - (C) <>
      - (D) >=
   8. Which statement is used in For......Next loop for early termination of loop ?
      - (A) Exit
      - (B) Exit do
      - (C) Exit for
      - (D) Break
   9. Which data type is used to handle a Yes or No response?
      - (A) Short
      - (B) Integer
      - (C) Boolean
      - (D) Date
   10. The keyword that marks end of a do structure is
       - (A) loop
       - (B) End do
       - (C) Exit do
       - (D) End while
   11. Which loop executes one or more statements while the condition remains false ?
       - (A) Do while loop
       - (B) Do loop while
       - (C) Do Until loop
       - (D) While wend
   12. The default message box style is
       - (A) OK only
       - (B) Yes No
       - (C) Retry Cancel
       - (D) Yes No Cancel
   13. Which programming structure executes program statement in order ?
       - (A) Relation
       - (B) Sequence
       - (C) Decision
       - (D) Repetition
   14. In visual basic, which statement indicates the end of decision structure
       - (A) End
       - (B) Next
       - (C) End if
       - (D) Else
   15. The MOD operator is used for
       - (A) Integer remainder
       - (B) Exponentiation
       - (C) Multiplication
       - (D) Division

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COMPUTER SCIENCE Intermediate Part-II , Class 12th (1st A 423) **Paper: II**

Time: 2:10 Hours **SUBJECTIVE** Marks: 60

Note: Section I is compulsory. Guj–12–23

SECTION – I

2. Write short answers to any SIX questions: 12

i. Define data capturing.

ii. What is foreign key?

iii. What is meant by a file in database?

iv. Describe referential integrity.

v. Define 1NF.

MS-ACCESS

vi. Differentiate between menubar and toolbar.

vii. Write down any two characteristics of a table.

viii. What is the difference between crosstab queries and parameter queries?

ix. List down any two layouts of forms.

3. Write short answers to any SIX questions: 12

i. What are uses of preprocessor directives?

ii. Differentiate between Linker and Loader?

iii. Give two examples of run time errors.

iv. What will happen if stdio.h file is missing in a C Program?

v. Differentiate between Constant and Variable.

vi. Declare an integer variable with name marks and store 799 in it.

vii. Predict output of the code given below
int a=27, b=19;
printf("% d+% d=% d", a, b, a+b);

C-LANGUAGE

viii. Trace out errors from following code segment
Void main ( );
doub t=45;
prnF("%f",t)

ix. How is the end of text file indicated?

OR

VISUAL BASIC

3. Write short answers to any SIX questions: 12

i. Write down any two uses of flowchart.

ii. Write down about Natural Programming Languages.

iii. List out advantages of structured programming.

iv. What is the usage of label control?

v. What is the purpose of name property of a control in VB?

vi. What is the purpose of QueryUnload event?

vii. Write down the syntax of KeyPress event.

viii. Why SetFocus method is used in Visual Basic?

ix. What is meant by Modal Form?

(Turn Over)

C-LANGUAGE

Guj-12-23

12

4. Write short answers to any SIX questions:

i. What is the use of "getch" function?

ii. What is the use of format specifier in C-language?

iii. Write down output
   ```
   int N=65;
   printf ("% c",N);
   ```

iv. Write down output
   ```
   int x=20;
   if (x!=10)
      printf ("Nothing");
   else
      printf ("Hello");
   ```

v. Define compound statement.

vi. Convert the following loop into do-while loop.
   ```
   int x;
   for (x=1;x<=10;x++)
   printf ("%d",x%2);
   ```

vii. What is for loop?

viii. Which part of loop contains the statements to be repeated?

ix. Write down an expression in C that represents speed is not greater than eighty.

OR

VISUAL BASIC

12

4. Write short answers to any SIX questions:

i. Define archive property of FileListBox control.

ii. What is scrollbar control?

iii. What is the purpose of ListCount property?

iv. Define label control.

v. State WordWrap property.

vi. Why popup menus are used?

vii. What is font dialog box?

viii. What is tooltip?

ix. What are the advantages of having parent and child forms?

SECTION - II
MS-ACCESS

Note: Attempt any ONE question.

5. Define database system. What are four major components of database system? Write in detail. **(8)**

6. Explain different components of logical model in detail. **(8)**

SECTION - III

Note: Attempt any TWO questions (either from "C-Language" or from "Visual Basic"):

C – LANGUAGE

7. What is if-else-if statement? Explain syntax and working with example. **(8)**

8. Write a program using loop to calculate the following series
   2+4+6+8+.............+40 **(8)**

9. Explain the benefits of using function. **(8)**

OR
VISUAL BASIC

7. What is extended if-then-else statement? Explain syntax and working with example. **(8)**

8. Write a program using loop to calculate the following series
   2+4+6+8+.............+40 **(8)**

9. Explain the benefits of function procedure. **(8)**

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