

Roll No:

Write use of Property Window. (iv)

(v) Describe purpose of Textbox.

(P.T.O.)

| | (vi) | Trace errors in the following:- Dim x integer x + y = x | |
|----|-----------------|---|---|
| | | x = Input ("Enter value) Print = x | |
| | (vii) (viii) | How do we manage controls on the form? Write output of the following code:- Msg Box ("The sum = " + 20); | |
| | (ix) | Trace error in the following const Dim x float:- $x + + = y$, | |
| | | print y ; x + 4 = x | |
| | 4. | Attempt any six parts. $6 \ge 2 = 12$ | |
| | (i) | Differentiate between a Variable length string and Fixed length string. | |
| | (ii) | Show output: | |
| | | Dim C, D, E as integer | |
| | | C = 15, $D = 42$, $E = D$, $D = C$, $C = E$ | |
| | | Print C Print D | |
| | (iii) | Find errors: | |
| | () | Dem age as integer | |
| | | Dim address As string | |
| | | age = days/365; | |
| | | print age | |
| | (iv) | In Visual Basic, how select case helps in coding? | |
| | (v) (vi) | Define Toolbar in Visual Basic. Find errors:- | |
| | (1) | Dim age as string | |
| | | IFF (age > 18) then | |
| | | Print "Boy" | |
| | | Else | |
| | | Print "Child" | |
| | (vii) | Can do until loop be written as pretest or post test? | |
| | (viii) | Show output:- | |
| | | Dim R As integer Dim i As integer | |
| | | R = 0 | |
| | | i = 1 | |
| | | Do while $i \le 5$ | |
| | | R = R + i | |
| | | $\mathbf{i} = \mathbf{i} + 1$ | |
| | | Loop Print R | |
| | (ix) | Convert into For – Next loop code:- | |
| | () | n = 1 | |
| | | while $n \le 5$ | |
| | | print "Pakistan" | |
| | | n = n + 1 Wend | |
| SE | CTIC | | |
| 5. | | ain components of Logical Database Model. 8 | |
| 6. | | is Query? Discuss its uses and advantages. 8 | |
| | | C-LANGUAGE NOTE: - Attempt any two questions. | |
| 7 | How | many types of errors can occur in a C-language Program? Which one is the most difficult | |
| | | and remove? 8 | |
| 8. | Write | a program in C-Language that inputs years and check whether it is a leap year or not. 8 | |
| 9. | Defin | e do – while loop. Write its syntax. Explain its working with example. 8 | |
| | OI | R VISUAL BASIC NOTE: - Attempt any two questions. | |
| 7. | | Object Oriented Languages. Also discuss different features of Object Oriented Programming. | 8 |
| 8. | Write | a program in Visual Basic that inputs year and check whether it is a leap year or not. | 8 |
| 9. | What | is Do WHILE loop in Visual Basic? Write its syntax. Explain its working with example. | 8 |

36-2017(A)-9000 (MULTAN)

| Paper,Co | de (| 2017 (| A) 1 | Roll No. |
|--------------|--|---|--|--|
| rapel, C | 12 25 3 2 4 3 | INTERMEDIATE H | | |
| Number | 4831 | INTERNEDIAL | | · · · · · |
| COMP | UTER SCIENCE | PAPER-II (NEWS | SCHEME) (SESS | SION 2015-2017) |
| | ALLOWED: 20 Min | | ECTIVE | MAXIMUM MARKS: 1 |
| Mater | Van have four choices | for each objective type o | uestion as A. B. C a | nd D. The choice which you |
| Alatan Is in | agamont fill that aircle | in front of that auestion | number. Use marke | er or pen to mi the en eres. |
| Cutting | or filling two or more | e circles will result in zero | mark in that quest | on. Attempt as many question |
| as given | in objective type que | stion paper and leave oth | ers blank. No credit | will be awarded in case |
| | | not solve question on thi | s sneet of ODJECTI | VE TALER. |
| Q.No.1 | (Either from "MS-A | ACCESS & C-LANGUAC MS-AC | | ACCESS & VISUAL BASIC |
| (1) | Duplicate data in mu | Itiple data file is called:- | | tedundancy |
| | (B) Data Integrity | (C) Data Inc | onsistency | (D) Program Dependence |
| (2) | Views are also called | | (0) III | |
| (2) | (A) Complex tables | (B) Simple tables | (C) Virtual tables | (D) Actual tables |
| (3) | (A) Candidate | old uniqueness property. (B) Foreign | (C) Primary | (D) Secondary |
| (4) | A report may be base | | (0) 1 11111 | |
| | (A) Table | (B) Relationship | (C) Form | (D) Attribute |
| (5) | A DESCRIPTION OF A DESC | available in Microsoft Ac | | |
| 10 | (A) 1 | (B) 2 | (C) 3 | (D) 4 |
| (6) | | blays one record at a time. | (C) Datasheet | (D) Justified |
| | (A) Columnar | (B) Tabular C-LANG | | (D) Justified |
| (7) | The extension of C so | | TUAGE | |
| () | (A) .h | (B) . C | (C) . obj | (D) . exe |
| (8) | Variable name can no | | | |
| | (A) Letter | (B) Underscore | (C) Period | (D) Number |
| (9) | | d to input data in C - progr | | (\mathbf{D}) $(\mathbf{i} \in \mathbf{O})$ |
| (10) | (A) Printf() | | (C) gets () | (D) main () |
| (10) | (A) ? | ator in the following is:- (B) ++ | (C) | (D) + |
| (11) | | mputer program in making | | |
| 3 6 | (A) Sequential | (B) Repetition | | (D) Iteration |
| (12) | | lways executes at least onc | | (D) 1 1/1 |
| (12) | (A) Nested | | (C) While | (D) do while |
| (13) | | e expression is executed on (B) Initialization | | (D) Condition |
| (14) | | It in function is called:- | (C) Test | (D) condition |
| (| | | nction (C) Arithmeti | c function (D) Binary functi |
| (15) | | mode, data can only be rea | | |
| | (A) W | (B) W+ | (C) r+ | (D) r |
| | | <u>O</u> | The second s | |
| 100 | 171 J.71 J.75 J | VISUAL | | |
| (1) | | ect is saved with extension | (C) . frm | (D) . Vb |
| (8) | | (B) . Vbp used by long integer in Vis | | (D) . VU |
| | (A) 1 | (B) 2 | (C) 4 | (D) 8 |
| (9) | ······································ | used to convert valid text of | | |
| 503 | (A) Single | (B) Double | (C) Integer | (D) Long Integer |
| (10) | The unary operator in | | (()) = | (D) NOT |
| (11) | | (B) <> 0 will be the value | | expression $X = x + y * x$. |
| (11) | (A) 450 | | (C) 550 | (D) 600 |
| (12) | | the loop execution is | and the second | |
| (12) | (A) 08 | (B) 09 | (C) 10 | (D) 11 |
| (13) | | | (0) 10 | |
| | (A) Continuous loop | (B) Infinite loop | | |
| (14) | | n general declaration section | | |
| (15) | (A) Global variable | (B) Local variable | (C) Automatic var | iable (D) Static variable |
| (15) | (A) Option button | for Yes/No option. (B) List box | (C) Combo box | (D) OLE control |
| | (in) option oution | | i)(*)-2017(A)-9000 | |
| | | 36(Ob | H(A)-9000 | (MULIAN) |

| | | | - | 1011 N.T. |
|--|---|---|---|---|
| Paper C | ode | 2017 (/ | | Roll No. |
| Number | 4833 | INTERMEDIATE P | ART-II (12 th CLA | 188) |
| COM | PUTER SCIENCE | PAPER-II (NEW S | CHEME) (SESS | ION 2015-2017) |
| | ALLOWED: 20 Min | Survey and the second | ECTIVE | MAXIMUM MARKS: 15 |
| Note: | You have four choices | for each objective type q | uestion as A, B, C an | d D. The choice which you |
| | | | | r or pen to fill the circles. |
| The second s | 토 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | Contraction of the second s | on. Attempt as many questions |
| | | stion paper and leave othe not solve question on this | | |
| Q.No. | | not solve question on this | salet of Object 11 | ETATER. |
| L | | CCESS & C-LANGUAG | E" OR from "MS-A | CCESS & VISUAL BASIC") |
| | | MS-ACC | | - |
| (1) | A Description of the second | available in Microsoft Acce | | |
| | (A) 1 | (B) 2 | (C) 3 | (D) 4 |
| (2) | (A) Columnar | lays one record at a time. | (C) Datashast | (D) 1 |
| (3) | | (B) Tabular tiple data file is called:- | (C) Datasheet (A) Data Re | (D) Justified |
| (2) | (B) Data Integrity | (C) Data Inco | | (D) Program Dependence |
| (4) | Views are also called | • | | , , , |
| (5) | (A) Complex tables | (B) Simple tables | (C) Virtual tables | (D) Actual tables |
| (5) | (A) Candidate | ld uniqueness property. (B) Foreign | (C) Primary | (D) Secondary |
| (6) | A report may be based | | (C) Filmary | (D) Secondary |
| 0.00 | (A) Table | (B) Relationship | (C) Form | (D) Attribute |
| | | C-LANG | | 0-1993 (Sec. 99) |
| (7) | | expression is executed only | | |
| (8) | (A) Validation Another name for buil | (B) Initialization | (C) Test | (D) Condition |
| (0) | (A) Library function | | ction (C) Arithmetic | function (D) Binary function |
| (9) | 그 것 같은 물건 것 같은 것 같은 것 같은 것 같은 것 같은 것 같이 가지 않는 것 같은 것 같 | ode, data can only be read | from an existing file. | relieuon (D) Binary function |
| (10) | (A) W | (B) W+ | (C) r+ | (D) r |
| (10) | The extension of C so | | | 62 22 2010 - 117 4 14 1 |
| (11) | (A) .h Variable name can not | (B) . C | (C) . obj | (D) . exe |
| | (A) Letter | (B) Underscore | (C) Period | (D) Number |
| (12) | function is used | to input data in C - program | m. | |
| (13) | (A) Printf() | (B) Scanf() | (C) gets () | (D) main () |
| (15) | (A) ? | tor in the following is:- (B) ++ | (C) | (D) + |
| (14) | | nputer program in making | | (D) + |
| | (A) Sequential | (B) Repetition | (C) Selection | (D) Iteration |
| (15) | loop structure alv | ways executes at least once | | Carl of the second s |
| | (A) Nested | (B) FOR | (C) While | (D) do while |
| | | OR VISUAL E | ASIC | |
| (7) | The loop which never | ends is called:- | ASIC | |
| 2022 | (A) Continuous loop | (B) Infinite loop | (C) Forever loop | (D) Running loop |
| (8) | A variable declared in | general declaration section | of a form is called:- | |
| (9) | (A) Global variable control is used fo | (B) Local variable | (C) Automatic variat | ble (D) Static variable |
| | (A) Option button | (B) List box | (C) Combo box | (D) OLE control |
| (10) | The Visual Basic project | ct is saved with extension:- | (c) comoo box | (D) OLE condoi |
| | (A) . exe | (B) . Vbp | (C) . frm | (D) . Vb |
| (11) | (A) 1 | ed by long integer in Visua (B) 2 | | (D) 9 |
| | | ed to convert valid text dat | (C) 4 a into the type:- | (D) 8 |
| 10000 | (A) Single | (B) Double | (C) Integer | (D) Long Integer |
| (13) | The unary operator in t | | 1.7 - 19 - 1 | |
| | (A) AND If $r = 50$ and $v = 10$ | (B) <> | (C) = | (D) NOT |
| (14) | (A) 450 and $y = 10$, | will be the value of (B) 500 | X after following ex (C) 550 | |
| | | te loop execution is F | | (D) 600 3. |
| | (A) 08 | | (C) 10 | (D) 11 |
| | | | **)-2017(A)-900 | |

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|---------------------------------------|--|--|--|-------------------------------|
| Paper Co | de` | 2017 (. | | coll No |
| Number: | 4835 | INTERMEDIATE P | ART-II (12 th CLA | LSS) |
| COMP | UTED SCIENCE | PAPER-II (NEW S | CHEME) (SESS | ION 2015-2017) |
| | | | | MAXIMUM MARKS: 15 |
| | ALLOWED: 20 Min | | ECTIVE | |
| Note: 1 | ou have four choices | for each objective type q | uestion as A, B, C an | d D. The choice which you |
| think is | correct, fill that circle | e in front of that question | number. Use marke | r or pen to fill the circles. |
| Cutting | or filling two or more | e circles will result in zero | mark in that question | n. Attempt as many questions |
| as given | in objective type que | stion paper and leave oth | ers blank. No credit | will be awarded in case |
| BUBBL | ES are not filled. Do | not solve question on this | s sheet of OBJECTIV | E PAPER. |
| Q.No.1 | | | | |
| | | ACCESS & C-LANGUAG MS-AC | | CCESS & VISUAL BASIC") |
| (1) | key does not ho | ld uniqueness property. | 0100 | |
| (.) | (A) Candidate | (B) Foreign | (C) Primary | (D) Secondary |
| (2) | A report may be based | | (0)11111111 | (2) 00000000 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | (A) Table | (B) Relationship | (C) Form | (D) Attribute |
| (3) | | available in Microsoft Acc | The second se | (D) Autouc |
| | | | | (D) 4 |
| | (A) 1 auto form disr | (B) 2 | (C) 3 | (D) 4 |
| (4) | (A) Columnar | olays one record at a time. (B) Tabular | (C) Datasheet | (D) Justified |
| | 말 아이들 같은 것의 같은 것이 같은 것을 가지는 것이 같이 많이 많이 많이 했다. | | | |
| (5) | | ltiple data file is called:- | (A) Data R | |
| 16 | (B) Data Integrity | (C) Data Inc | onsistency | (D) Program Dependence |
| (6) | Views are also called | | (O) Water Liebbar | (D) A stual tables |
| | (A) Complex tables | (B) Simple tables | | (D) Actual tables |
| | | C-LANG | the second s | |
| (7) | | mputer program in making | | In the second second second |
| 120 | (A) Sequential | (B) Repetition | (C) Selection | (D) Iteration |
| (8) | | ways executes at least once | | |
| | (A) Nested | | | (D) do while |
| (9) | | e expression is executed on | | |
| | (A) Validation | (B) Initialization | (C) Test | (D) Condition |
| (10) | Another name for bu | ilt in function is called:- | | |
| | (A) Library function | (B) User defined fur | nction (C) Arithmetic | function (D) Binary function |
| (11) | In file opening | mode, data can only be read | I from an existing file. | |
| | (A) W | (B) W+ | (C) r+ | (D) r |
| (12) | The extension of C so | urce program is:- | | |
| | (A) .h | (B) . C | (C) . obj | (D) . exe |
| | Variable name can not | | 0.51 . 0. | |
| | (A) Letter | (B) Underscore | (C) Period | (D) Number |
| (14) | function is used | | | |
| | (A) Printf() | | | (D) main () |
| (15) | The only binary oper | ator in the following is:- | | |
| | (A) ? | (B) ++ | (C) | (D) + |
| | | OF | 2 | 1000-100 ID |
| | | VISUAL | | |
| (7) | If $r = 50$ and $v = 1$ | 0 will be the value | of X after following | expression $X = x + y * x$. |
| (1) | | | 011210 024225 | |
| (0) | | (B) 500 | | |
| (8) | | the loop execution is | | |
| 100 | | | (C) 10 | (D) 11 |
| (9) | The loop which neve | | 929720 | |
| (10) | (A) Continuous loop | (B) Infinite loop | (C) Forever loop | (D) Running loop |
| (10) | | n general declaration sectio | | |
| 1000 | | (B) Local variable | (C) Automatic varia | able (D) Static variable |
| (11) | control is used | | | |
| | | (B) List box | | (D) OLE control |
| (12) | | ect is saved with extension | | NAMES AND A STREAM OF A |
| (33525233) | | (B) . Vbp | | (D) . Vb |
| | | used by long integer in Visi | | |
| (220.220) | (A) 1 | (B) 2 used to convert valid text d | (C) 4 | (D) 8 |
| (14) | | | | |
| | (A) Single | (B) Double | (C) Integer | (D) Long Integer |
| (15) | The unary operator in | - | 1027 | |
| | (A) AND | (B) <> | (C) = | (D) NOT |
| | | 36(Ob | j)(★★★)-2017(A |)-9000 (MULTAN) |
| | | (| and a second and the second of the second se | |

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| Paper Co | de | 2017 (| • • / | Koll No. |
|------------|---|--|--|--|
| Number: | 4837 | INTERMEDIATE P | | |
| TIME A | LLOWED: 20 Min | nutes <u>OBJ</u> s for each objective type q | <u>ECTIVE</u> juestion as A, B, C an number. Use marke | MAXIMUM MARKS: d D. The choice which you r or pen to fill the circles. |
| as given | in objective type que | e circles will result in zero estion paper and leave oth o not solve question on thi | ers blank. No creun | on. Attempt as many questi will be awarded in case VE PAPER. |
| Q.No.1 | | ACCESS & C-LANGUA | GE" OR from "MS-A | CCESS & VISUAL BASIO |
| (1) | Warmen also called | MS-AC | CESS | |
| (1) | Views are also called (A) Complex tables | (B) Simple tables old uniqueness property. | (C) Virtual tables | (D) Actual tables |
| (2) | (A) Candidate | (B) Foreign | (C) Primary | (D) Secondary |
| | A report may be base (A) Table | (B) Relationship | (C) Form | (D) Attribute |
| (4) (5) | (A) 1 | e available in Microsoft Ac (B) 2 plays one record at a time. | (C) 3 | (D) 4 |
| | (A) Columnar | (B) Tabular Itiple data file is called:- | (C) Datasheet (A) Data R | (D) Justified tedundancy |
| (0) | (B) Data Integrity | (C) Data Inc | | (D) Program Dependence |
| | (-) | C-LANG | | |
| (7) | (A) Printf() | d to input data in C - progr (B) Scanf() | | (D) main () |
| (8) | The only binary oper (A) ? | (B) ++ | (C) | (D) + |
| (9) | | omputer program in making (B) Repetition | g a decision is called:- (C) Selection | (D) Iteration |
| (10) | (A) Nested | | (C) While | (D) do while |
| (11) | (A) Validation | | (C) Test | (D) Condition |
| (12) | (A) Library function | ilt in function is called:- (B) User defined fu | nction (C) Arithmeti | c function (D) Binary funct |
| (13) | (A) W | mode, data can only be rea (B) W+ | (C) r+ | (D) r |
| | The extension of C so (A) .h | (B) . C | (C) . obj | (D) . exe |
| (15) | Variable name can no (A) Letter | (B) Underscore | (C) Period | (D) Number |
| | | <u>O</u> VISUAL | | |
| (7) | The val () method is | used to convert valid text | | |
| (8) | (A) Single The unary operator i | (B) Double n the following is:- | (C) Integer | (D) Long Integer |
| (9) | (A) AND | (B) <> | (C) = of X after following x | expression $X = x + y * x$. |
| (10) | (A) 450 | | (C) 550 | (D) 600 |
| (11) | (A) 08 | (B) 09 er ends is called:- | (C) 10 | (D) 11 |
| | (A) Continuous loop A variable declared | (B) Infinite loop in general declaration secti | on of a form is called: | (D) Running loop |
| (13) | (A) Global variable control is used | (B) Local variable for Yes/No option. | (C) Automatic var | iable (D) Static variable |
| (14) | The Visual Basic pro | (B) List box oject is saved with extensio | | (D) OLE control |
| (15) | | (B) . Vbp s used by long integer in V (B) 2 | | (D) . Vb |
| | (A) 1 | (B) 2 | (C) 4 bj)(★★★★)-20 | (D) 8 |

| | 2017 (A) Roll No: | |
|----------------|---|--------|
| | INTERMEDIATE PART-II (12th CLASS) | |
| COMPUT | TER SCIENCE PAPER-II (OLD SCHEME) (SESSION 2012-2014) | |
| TIME ALL | LOWED: 3.10 Hours SUBJECTIVE MAXIMUM MARK | S: 83 |
| NOTE: - WI | Yrite same question number and its part number on answer book, | |
| | s given in the question paper. | |
| 0,000,00 | SECTION-I | |
| | (Either from "MS-Access & C-Language" or from "MS-Access & Visual Basic"). <u>MS-ACCESS</u> | 12/12/ |
| | tempt any Eight parts. 8 x 2 = | 16 |
| (i) (iii) | Define Information. (ii) What are Check Boxes? Define View. (iv) Define Key. | |
| (v) | Write the purpose of Feasibility Report. (vi) Why is requirement analysis conducted | ed? |
| (vii) | How is entity integrity attained? (viii) Define Referential Integrity. | |
| (ix) | | |
| (xi) (xii) | | |
| 10 C | tempt any Eight parts. 8 x 2 = | 16 |
| 5. Au | C-Language | 10 |
| (i) | What is a Programming Language? (ii) Define Object Code. | |
| (iii) | Write down a preprocessor directive to include 'math.h' header file. | .0 |
| (iv) (vi) | Write down two rules for naming variables. (v) Why does integer overflow occur Find out errors in the following code:- | 4 |
| 1.5 | Float x, y, | |
| 6.23 | Y = = 10.5; | |
| (vii) | Write down output of the following code:- int num = 10; | |
| | num + = 10; | |
| | printf (" % d ", num) ; | |
| (viii) (ix) | Why ampersand (&) sign is used in scanf () function? Differentiate between getch () and getche () function. | |
| (x) | Write down output of the following code:- | |
| | int num = $100;$ | |
| (xi) | printf ("% + 5d ", num); Write down output of the following code:- | |
| (11) | printf ("*\n **\r ***"): | |
| (xii) | Find out errors in the following code:- | |
| | Void main < >; | |
| | printf('OK'); | |
| | } | |
| | OR VISUAL BASIC | |
| (i) | What is a Programming Language? (ii) What is meant by Design time in Visual | Basic? |
| (iii) | How are Visual Basic Program run? (iv) Write down two rules for naming varial | bles. |
| (v) (vi) | Why does integer overflow occurs? Find out errors in the following code:- | |
| | Dims X, Y as integer | |
| () | X = Input Box (O, "Enter an Integer"); | |
| (vii) | Write down output of following code:- Dim num as integer | |
| | num = 10 | |
| | num = num + num * num | |
| (viii) | Msg Box ("The value of num is " & num)) Write down the syntax of Input Box (). | |
| (ix) | | |
| (x) | Write down output of the following code:- | |
| | Dim n as integer $n = 10$ | |
| | print n \ 10 | |
| (xi) | Write down output of the following code:- | |
| | Dim X, Y as integer $X = 20$ | |
| | $\begin{array}{c} X = 20 \\ Y = 6 \end{array}$ | |
| | $Print "X \setminus Y = "\& X Y$ | |
| | Print "X Mod Y = " & X Mode Y | |

C-Language

- (xii) Find out errors in the following code:-X as integer X = Con Int (Text Box 1.Text)
- 4. Attempt any six parts.

 $6 \ge 2 = 12$

(viii) What is Text File?

- (i) Define Logical Operators.
- What is the use of if statement? (ii)
- (iii) Convert the following code into While loop:
 - int j = 1; for $(; j \le 4; j ++)$ printf("%d", j);
- (iv) Trace errors
- - Float a, b; a = 7.4;

 - b = 8.3;
- printf (% d", a + b); (v)
 - Trace output of the following code:
 - int x = 3;
 - (x < 4)? printf ("Hello" : printf ("wold");
- (vi) Define Function Prototype.
- (vii) Differentiate between Local and Global Variables.
- (ix) Define control structure of C - Language.

OR

VISUAL BASIC

- (i) List any three data types of Visual Basic. (ii) Distinguish between Message box and Input box.
- (iii) Write any two methods of Form control. Define Subroutine in Visual Basic. (iv)
- (v) Differentiate between Method and Property.
- (vi) List Focus Events. (vii) Write any two properties of Combo Box Control.
- (viii) How an array is declared in Visual Basic. (ix) What is Data file?

SECTION-II (Essay Type)

NOTE: - Attempt any one question.

MS-ACCESS

| 5. | What is a Polation? White same monthing of Delation | 2 . 2 . 2 . 2 . 8 |
|-----|--|-----------------------------------|
| | What is a Relation? Write some properties of Relation. | 2+2+2+2=8 |
| 6. | Explain the options in Find and Replace dialog box. | 2+2+2+2=8 |
| NOT | TE: - Attempt any two questions either from "C-Language" OR fro | om Visual Basic". |
| - | C-Language | |
| 7. | Explain the programming languages. Discuss two main categories of OR Visual Basic | Programming Languages. 8 |
| | Define Language Processor. Explain different types of Language Pro C-Language | cessors in Visual Basic. 8 |
| 8. | Write a program in C - Language that inputs three numbers from user | r and |
| | display the minimum number. | 8 |
| | OR Visual Basic | |
| | Write a program in Visual Basic that inputs three numbers from user | and display |
| | the minimum number. | 8 |
| | C-Language | |
| 9. | What is "While" Loop? Explain its working with example also write | its syntax and draw flow chart. 8 |
| | OR Visual Basic | |
| | What is "DO-UNTIL" Loop? Explain its working with example. | 8 |
| | SECTION-III (PRACTICAL) | |
| | Attempt any three parts of the questions. | $3 \times 5 = 15$ |
| 10. | Describe the procedure for finding data in MS – Access. | |
| | (ii) Write the procedure to create form by using Wizard. | |
| | (iii) Write a program in C - Language or Visual Basic that gets ter | mperature from |
| | the user in Celsius and converts it into Fahrenheit using the fo | |
| | (iv) Write a program in C - language or Visual Basic that inputs a | |
| | the user and display the factorial of that number. | |
| | (v) Write a program in C – Language or Visual Basic that inputs | a number from the user |

Write a program in C – Language or Visual Basic that inputs a number from the user (v) And compute cube of a number using a function.

36-2017(A)- 1000 (MULTAN)

| Paper Co | ode | 2017 (A) | Roll No: | |
|---|---|---|---|---|
| Number | 8831 | INTERMEDIATE PART | F-II (12th CLASS) | |
| COME | UTER SCIENCE | | CHEME) (SESSION | |
| | ALLOWED: 20 Mir | | | MUM MARKS: 17 |
| hink is Cutting as giver BUBBI | correct, fill that circle or filling two or more in objective type que ES are not filled. Do | for each objective type question in front of that question number circles will result in zero marks stion paper and leave others bland not solve question on this sheet CCESS & C-LANGUAGE" O MS-ACCESS | ber. Use marker or pen k in that question. Atter lank. No credit will be a et of OBJECTIVE PAP R from "MS-ACCESS of | to fill the circles. npt as many questions awarded in case ER. |
| (1) | A collection of related | l fields is:- | | |
| (2) | (A) Character may be a temp | (B) File | (C) Record | (D) Database |
| | (A) Master file | (B) Transaction file | (C) Backup file | (D) None of these |
| (3) | The columns of a relat (A) Table | (B) Record | (C) Field | (D) Cell |
| (4) | is not unique. (A) Primary key | (B) Candidate key | (C) Foreign key | (D) Secondary key |
| (5) | Every relation should (A) Primary key | (B) Candidate key | (C) Secondary key | (D) Mutually exclusive |
| (6) | The data in tables is en (A) Design view | | (C) Datasheet view | (D) Layout view |
| (7) | A form that contains a (A) Form | | (C) Report | (D) Child form |
| | | C-Languag | e | 8.6 |
| (8) | (A) Syntax | st be followed by programmer to (B) Preprocessor | o develop a program is ca (C) Bug | lled:- (D) Debug |
| (9) | Variables are created (A) RAM | (B) ROM | (C) Hard Disk | (D) USB |
| (10) | (A) One | e used in one printf function. (B) Two | (C) Ten | (D) Many |
| (11) | $\frac{1}{(A) \setminus r}$ represent new line | the character. (B) \setminus n | (C) \t | (D) None of these |
| (12) | The three programmin (B) Process, Decision | g structures are:- (A) Sequence, , Alternation (C) Sequence, De | Decision, Repetition | |
| (13) | is equivalent to | (p > = q). | | |
| (14) | | op is known as a(n):- | (C) p > q | (D) ! $(p > q)$ |
| (15) | (A) Cycle A loop which never er | (B) Duration ads is called:- | (C) Iteration | (D) Test |
| (16) | (A) Running loop | (B) Continuous loop at to a function is known as:- | (C) Nested loop | (D) Infinite loop |
| | (A) Return value | (B) Automatic variable | (C) Indicator | (D) Argument |
| (17) | A file is stored in:- | | (C) Hard Disk | (D) Cache |
| (8) | A set of rules that mu | VISUAL BA st be followed by programmer to | | lled:- |
| 101 | (A) Syntax | (B) Preprocessor | (C) Bug | (D) Debug |
| (9) | Variables are created (A) RAM | (B) ROM | (C) Hard Disk | (D) USB |
| (10) | variables can b (A) One | e used in one print function. (B) Two | (C) Ten | (D) Many |
| (11) | represent new | | | (D) None of these |
| (12) | The three programming | ag structures are:- (A) Sequence Alternation (C) Sequence, De | e, Decision, Repetition | |
| (13) | (A) p < q is equivalent to | ($p > = q$). (B) Not ($p < q$) | | (D) Not $(p > q)$ |
| (14) | One execution of a loc (A) Cycle | p is known as a(n):- (B) Duration | (C) Iteration | (D) Test |
| (15) | (A) Running loop | ds is called:- (B) Continuous loop | (C) Nested loop | (D) Infinite loop |
| | A value that can be ser (A) Return value | t to a function is known as:- (B) Automatic variable | (C) Indicator | (D) Argument |
| (17) | A file is stored in:- | (A) RAM (B) ROM | (C) Hard Disk | (D) Cache |

| 'Paper C | ode | | 2017 (A) | | No: | |
|-------------|---|--|-------------------------|---------------------------|-------------------|---------------------------|
| Number | 8833 | INTERMEDIA | TE PART | ·II (12 th CL) | ASS) | |
| COM | PUTER SCIENCE | PAPER-II | (OLD SCI | IEME) (SE | SSION | 2012-2014) |
| | ALLOWED: 20 Min | | OBJECTI | VE | MAXI | MUM MARKS: 17 |
| Note: | You have four choices | for each objective | ype question | as A, B, C ar | nd D. Th | e choice which you |
| think is | correct, fill that circle | e in front of that que | estion number | er. Use marke | er or pen | to fill the circles. |
| Cutting | g or filling two or more | e circles will result in | n zero mark | in that questi | on. Atten | pt as many questions |
| as give | n in objective type que | stion paper and leav | e others bla | nk. No credit | will be a | warded in case |
| BUBBI | LES are not filled. Do | CCESS & C LANC | on this sheet | of OBJECTI | CCESS A | K. VICUAL DACIC") |
| Q.No.1 | (Either from "MS-A | | S-ACCESS | IFOID WIS-A | CCE55 ¢ | (VISUAL DASIC) |
| (1) | Every relation should | | meenoo | | | |
| 0.803 | (A) Primary key | (B) Candidate | key | (C) Seconda | ary key | (D) Mutually exclusive |
| (2) | The data in tables is er | | | | | 1479 C |
| (2) | (A) Design view | (B) Normal vie | ew | (C) Datashe | et view | (D) Layout view |
| (3) | A form that contains a (A) Form | (B) Main form | | (C) Report | | (D) Child form |
| (4) | A collection of relate | and a second | 8 | (C) Report | | (D) Clind Ionn |
| 10 | (A) Character | (B) File | | (C) Record | | (D) Database |
| (5) | may be a temp | | | 0.211 5 | | |
| 10 | (A) Master file | (B) Transactio | n file | (C) Backup | file | (D) None of these |
| (6) | The columns of a rela (A) Table | (B) Record | | (C) Field | | (D) Call |
| (7) | is not unique. | (B) Recold | | (C) Field | | (D) Cell |
| 0.7 | (A) Primary key | (B) Candidate | key | (C) Foreign | kev | (D) Secondary key |
| | | | C-Language | | | (|
| (8) | One execution of a lo | | | | | |
| (9) | (A) Cycle | (B) Duration | | (C) Iteration | 1 | (D) Test |
| (9) | A loop which never ex (A) Running loop | (B) Continuou | e loon | (C) Mastad I | 200 | (D) In Colta land |
| (10) | | nt to a function is kno | s toop wn as:- | (C) Nested I | loop | (D) Infinite loop |
| S | (A) Return value | | | (C) Indicato | r | (D) Argument |
| (11) | A file is stored in:- | (A) RAM | (B) ROM | (C) Hard Di | sk | (D) Cache |
| (12) | A set of rules that mus | | | | am is calle | |
| (13) | (A) Syntax Variables are created | (B) Preprocess | or | (C) Bug | | (D) Debug |
| (15) | (A) RAM | (B) ROM | | (C) Hard Di | sk | (D) USB |
| (14) | | | unction. | (0) Huid Di | 5A | (0) 050 |
| | (A) One | (B) Two | | (C) Ten | | (D) Many |
| (15) | | | | 2203 | | |
| (16) | (A) $\ r$ | (B) $\ n$ | Company D | (C) \t | | (D) None of these |
| (10) | The three programmin (B) Process, Decision | Alternation (C) Se | auence Defi | nition Process | (D) Rela | tion, Comparison, Process |
| (17) | is equivalent to | (p > = q). | quence, Den | indon, i rocess | | don, comparison, riocess |
| | (A) $p < q$ | (B) ! (p < q) | | (C) p > q | | (D) ! $(p > q)$ |
| (9) | <u>OR</u> | · · · · · · · · · · · · · · · · · · · | ISUAL BAS | SIC | | |
| (8) | One execution of a loc (A) Cycle | (B) Duration | | (C) Iteration | 0. | (D) Test |
| (9) | A loop which never en | | | (C) iteration | | (D) Test |
| 224.523 | (A) Running loop | (B) Continuou | s loop | (C) Nested 1 | oop | (D) Infinite loop |
| (10) | A value that can be set | | | 22:21:21 | | |
| (11) | (A) Return value | (B) Automatic | variable | | | (D) Argument |
| (11) (12) | A file is stored in:- A set of rules that mus | (A) KAM | (B) KOM | (C) Hard Di | SK am is calle | (D) Cache |
| () | (A) Syntax | (B) Preprocess | or | (C) Bug | ani is cane | (D) Debug |
| (13) | Variables are created | in:- | turadel o | | | (-) |
| 11.0 | (A) RAM | (B) ROM | 7/19 /1 /10 6.11 | (C) Hard Dis | sk | (D) USB |
| (14) | variables can b | | nction. | 100 00 | | |
| (15) | (A) One represent new | (B) Two line character. | | (C) Ten | | (D) Many |
| (10) | (A) vb Next Line | (B) vb Cr Lf | | (C) vb Tab | | (D) None of these |
| (16) | The three programming | ng structures are:- (A | A) Sequence, | Decision, Rep | etition | |
| (17) | (B) Process, Decision, | Alternation (C) Sec | quence, Defir | ition, Process | (D) Relati | ion, Comparison, Process |
| (17) | (A) p < q is equivalent to | ** | | (0) = 2 | | |
| | (1) P - 4 | (B) Not ($p < a$ | 1) | (C) p > q | | (D) Not $(p > q)$ |

•

(B) Not (p < q)according the second

(D) Not (p > q).

| Pàper C | | 2017 (A) | | | | | |
|----------------|---|--|---|--|--|--|--|
| Number | 8835 | INTERMEDIATE PART-II (12 th CLASS) | | | | | |
| COMI | PUTER SCIENCE | PAPER-II (OLD SC | HEME) (SESSION | | | | |
| TIME | ALLOWED: 20 Mi | nutes OBJECT | IVE MAX | IMUM MARKS: 17 | | | |
| Note: | You have four choice | s for each objective type question | on as A, B, C and D. Th | he choice which you | | | |
| think is | correct, fill that circl | e in front of that question numb | per. Use marker or per | to fill the circles. | | | |
| Cutting | or filling two or mor | e circles will result in zero marl | c in that question. Atter | mpt as many questions | | | |
| as giver | n in objective type que | stion paper and leave others bl | ank. No credit will be | awarded in case | | | |
| BUBBI | ES are not filled. Do | not solve question on this shee | t of OBJECTIVE PAP | ER. & VISUAL DASIC") | | | |
| Q.No.1 | (Either from "NIS-A | CCESS & C-LANGUAGE" OI MS-ACCESS | | a visual basic) | | | |
| (1) | The columns of a relat | | | | | | |
| ~ | (A) Table | (B) Record | (C) Field | (D) Cell | | | |
| (2) | is not unique. | | x | | | | |
| 202 | (A) Primary key | (B) Candidate key | (C) Foreign key | (D) Secondary key | | | |
| (3) | Every relation should | | | | | | |
| 2.05 | (A) Primary key | (B) Candidate key | (C) Secondary key | (D) Mutually exclusiv | | | |
| (4) | The data in tables is en | | (C) Deterland | (D) I | | | |
| (5) | (A) Design view A form that contains a | (B) Normal view | (C) Datasheet view | (D) Layout view | | | |
| (\mathbf{J}) | (A) Form | (B) Main form | (C) Report | (D) Child form | | | |
| (6) | A collection of relate | | (c) report | (b) Child Ioffi | | | |
| (-) | (A) Character | (B) File | (C) Record | (D) Database | | | |
| (7) | may be a temp | porary file. | | | | | |
| | (A) Master file | (B) Transaction file | (C) Backup file | (D) None of these | | | |
| 105 | m . | C-Language | | | | | |
| (8) | | ng structures are:- (A) Sequence, | | | | | |
| (9) | (B) Process, Decision | n, Alternation (C) Sequence, De | inition, Process (D) Rel | ation, Comparison, Proc | | | |
| (2) | (A) p < q | o(p > = q). (B) ! (p < q) | (C) n > a | (D)!(p>q) | | | |
| (10) | One execution of a lo | and the second | (C) $p > q$ | $(\mathbf{p}):(\mathbf{p} > \mathbf{q})$ | | | |
| a. S. | (A) Cycle | (B) Duration | (C) Iteration | (D) Test | | | |
| (11) | | | | 1. ATT A | | | |
| | (A) Running loop | (B) Continuous loop | (C) Nested loop | (D) Infinite loop | | | |
| (12) | | nt to a function is known as:- | | | | | |
| (12) | (A) Return value | (B) Automatic variable | (C) Indicator | (D) Argument | | | |
| C 1 | A file is stored in:- | | (C) Hard Disk | (D) Cache | | | |
| (14) | (A) Syntax | st be followed by programmer to (B) Preprocessor | (C) Bug | (D) Debug | | | |
| (15) | Variables are created | | (C) Dug | (D) Debug | | | |
| 070 đ | (A) RAM | (B) ROM | (C) Hard Disk | (D) USB | | | |
| (16) | | be used in one printf function. | 84.86 | 33.53 | | | |
| المدوي | (A) One | (B) Two | (C) Ten | (D) Many | | | |
| (17) | represent new li | | 100 | | | | |
| | (A) \r OR | (B) \n | (C) \t | (D) None of these | | | |
| (8) | | ng structures are:- (A) Sequence | | | | | |
| (3) | | , Alternation (C) Sequence, Def | | tion, Comparison Proc | | | |
| (9) | is equivalent t | o(p > = q). | , | , | | | |
| 100 | (A) p < q | (B) Not $(p < q)$ | (C) $p > q$ | (D) Not $(p > q)$ | | | |
| (10) | One execution of a loc | | 100007-600000 (00007 | 102223 (102200) 10000 | | | |
| (11) | (A) Cycle | (B) Duration | (C) Iteration | (D) Test | | | |
| (11) | A loop which never e (A) Running loop | (B) Continuous loop | (C) Next-11 | | | | |
| (12) | | nt to a function is known as:- | (C) Nested loop | (D) Infinite loop | | | |
| (12) | (A) Return value | (B) Automatic variable | (C) Indicator | (D) Argument | | | |
| (13) | A file is stored in:- | | (C) Hard Disk | (D) Argument (D) Cache | | | |
| | | t be followed by programmer to o | develop a program is cal | led:- | | | |
| | (A) Syntax | (B) Preprocessor | (C) Bug | (D) Debug | | | |
| (15) | Variables are created | in:- | | | | | |
| (10) | (A) RAM | (B) ROM | (C) Hard Disk | (D) USB | | | |
| (16) | (A) One | (B) Two | (C) T | (D) 14 | | | |
| (17) | | (B) Two line character. | (C) Ten | (D) Many | | | |
| 1.11 | (A) vb Next Line | (B) vb Cr Lf | (C) vb Tab | (D) None of these | | | |
| | (11) TO I TOAT LINE | | | | | | |

| Paper Co | ode | 2 | 2017 (A) | Roll No: | |
|-------------------|--|------------------------------------|-------------------|----------------------------|----------------------------|
| | 0027 | INTERMEDIAT | TE PART-II (| 12 th CLASS) | |
| Number: | 8837 | | | | |
| | | | | | |
| COMP | UTER SCIENCE | PAPER-II (| OLD SCHEM | 1E) (SESSION | |
| | ALLOWED: 20 Min | | OBJECTIVE | | MUM MARKS: 17 |
| Note: | You have four choices | for each objective ty | ype question as A | A, B, C and D. Th | e choice which you |
| think is | correct, fill that circle | in front of that que | stion number. U | se marker or pen | to fill the circles. |
| Cutting | or filling two or more in objective type que | e circles will result in | zero mark in th | at question. Atten | npt as many questions |
| as given BUBBL | ES are not filled. Do | not solve question o | n this sheet of O | BJECTIVE PAPI | ER. |
| Q.No.1 | (Either from "MS-A | CCESS & C-LANG | UAGE" OR from | n "MS-ACCESS | & VISUAL BASIC") |
| COTO CADANCENA I | | MS | -ACCESS | | |
| (1) | may be a temp | | C1 | | (D) M CI |
| (2) | (A) Master file The columns of a rela | (B) Transaction | n file (C |) Backup file | (D) None of these |
| (2) | (A) Table | (B) Record | (C |) Field | (D) Cell |
| (3) | is not unique. | (1) | (0 | / | (2) 001 |
| 550 | (A) Primary key | (B) Candidate l | key (C |) Foreign key | (D) Secondary key |
| (4) | Every relation should | | | | |
| (5) | (A) Primary key | (B) Candidate I | key (C | 2) Secondary key | (D) Mutually exclusive |
| (5) | The data in tables is er (A) Design view | (B) Normal vie | w (C |) Datasheet view | (D) Lavout view |
| (6) | A form that contains a | | |) Datasheet view | (D) Layout view |
| | (A) Form | (B) Main form | (C |) Report | (D) Child form |
| (7) | A collection of relate | d fields is:- | | | N 8 |
| | (A) Character | (B) File | |) Record | (D) Database |
| (9) | vorichlas con k | | -Language | | |
| (8) | (A) One | e used in one printf fu (B) Two | | ') Ten | (D) Many |
| (9) | represent new lir | | (C |) Ich | (D) Many |
| | (A) \r | (B) \n | | ') \t | (D) None of these |
| (10) | The three programmin | | | | |
| (11) | (B) Process, Decision | Alternation (C) Sec $(n) = n$ | quence, Definitio | n, Process (D) Rela | ation, Comparison, Process |
| (11) | (A) p < q is equivalent to | | .(C | c) p > q | (D)! $(p > q)$ |
| (12) | One execution of a lo | | (0 |)p-q | (D): $(P > q)$ |
| 0.000 | (A) Cycle | (B) Duration | (C |) Iteration | (D) Test |
| (13) | A loop which never e | | | | |
| (14) | (A) Running loop | | |) Nested loop | (D) Infinite loop |
| (14) | A value that can be set (A) Return value | | | Indicator | (D) Assumed |
| (15) | A file is stored in:- | | |) Indicator) Hard Disk | (D) Argument (D) Cache |
| (16) | A set of rules that mus | t be followed by prog | rammer to develo | p a program is call | ed:- |
| | (A) Syntax | (B) Preprocesso | |) Bug | (D) Debug |
| (17) | | | | | 253.5793.5 |
| | (A) RAM OR | (B) ROM | 1. A. S. C. A. |) Hard Disk | (D) USB |
| (8) | | e used in one print fur | ISUAL BASIC | | |
| | (A) One | (B) Two | |) Ten | (D) Many |
| (9) | | v line character. | | | 100 min 335 |
| (10) | | (B) vb Cr Lf | | | (D) None of these |
| (10) | (B) Process Decision | Alternation (C) Sea |) Sequence, Deci | sion, Repetition | tion, Comparison, Process |
| (11) | is equivalent to | (p > = q). | dence, Deminion | , riocess (D) Keia | uon, Comparison, Process |
| 181010180 | (A) p < q | (B) Not (p < q |) (C |) p > q | (D) Not $(p > q)$ |
| (12) | One execution of a lo | | | | |
| (12) | (A) Cycle | (B) Duration | (C |) Iteration | (D) Test |
| (13) | A loop which never er (A) Running loop | (B) Continuous | loon (C | Nested Lean | (D) 1-C 1/2 1 |
| (14) | A value that can be ser | it to a function is know | wn as:- |) Nested loop | (D) Infinite loop |
| | (A) Return value | (B) Automatic | |) Indicator | (D) Argument |
| | A file is stored in:- | (A) RAM (| (B) ROM (C |) Hard Disk | (D) Cache |
| (16) | A set of rules that must | | | | |
| (17) | (A) Syntax Variables are created | (B) Preprocesso in:- | or (C |) Bug | (D) Debug |
| () | (A) RAM | (B) ROM | (C |) Hard Disk | (D) USB |
| | na sente de la concerción | 2001 | AAAA | A18413 | (5)000 |

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BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN

| Nam Grou | e of Sul | oject <u>Ca</u> | mput s | er Sc | ience | Group | n): 2m | 1 010 | 1 Sch | eme |
|-------------|---------------|-----------------|---------------|---------------|-------|------------|-----------------------|---------------|---------------|---------------|
| Q. Nos. | Paper Code | Paper Code | Paper Code | Paper Code | < l | Q. Nos. | Paper Code | Paper Code | Paper Code | Paper Code |
| 105. | 4831 | 4833 | 4835 | 4837 | | | 8831 | 8833 | 8835 | 8837 |
| | A | в | B,D | C | | 1. | С | A | C | Ð |
| | C | A | A | B, D | | 2. | B | C | C,D | C |
| | B,D | A | B | A | | 3. | C | B | A | C,D |
| | A | C | A | B | | 4. | C,D | C | С | A |
| 8 | в | B,D | A | A | | 5. | A | в | B | C |
| | A | A | С | A | | 6. | C | C | С | B |
| • | в | B | C | B,C | | 7. | B | C,D | в | С |
| | C | A | P | D | | 8. | A | С | A | D |
| | B,C | D,A | в | С | | 9. | A | D | В | В |
| | Þ | в | A | D | 1 B | 10 | D | D | С | A |
| | С | С | D, A | B | ł. | 11. | B | С | D | B |
| | D | B,C | B | A | | 12. | A | A | D | С |
| | в | D | C | P,A | | 13. | B | A | C | D |
| | A | С | B,C | в | | 14. | С | D | A | D |
| i. | D,A | D | D | C | - | 15. | D | B | A | C |
| | | | | | | 16. | D | A | D | A |
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| 3. | | | / | | | 18. | | 0000 | - | |
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|). | 1 | | | | | 20. | | | | |

PREPARED & CHECKED BY Sr.No Name Designation Institution Mobile No.

Signator of