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Class

**G.T.N.ARTS COLLEGE (Autonomous)** (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [2017-18] INTERNAL ASSESSMENT TEST – II Date : 17/4/18 : I IT A & B : 17UITC21 Time : 9-10am Title of the Paper : Programming in C Max Marks: 30

#### Section A

| Answer ALL the questions $(6 \times 1 = 6)$                               |                     |                 |             |
|---|---------------------|-----------------|-------------|
| 1.An array created usingfunction at run time is referred as dynamic array |                     |                 |             |
| a. malloc   | b.calloc            | c. realloc      | d.alloc     |
| 2. Every element  | of array should en  | nd with         |             |
| a. \n b.\s  | c.\t d.\o           |                 |             |
| 3funct  | ion determine len   | gth of stiring  |             |
| a. strlen()   | b. string len()     | c.strcat()      | d.length () |
| 4. A variable dec   | lared inside a fund | ction is called |             |
| a. local  | b.global            | c.static        | d.sreing    |
| 5. A union can be   | e declared using th | ne keyword      |             |
| a. struct   | b.length            | c. union        | d.int       |
| 6is a collection of different datatype                                    |                     |                 |             |
| a. array  | b. structure        | c.pointer       | d.functions |
| -   |                     | -               |             |

## Section B

Answer the following: (7 x 2 = 14)7. a. Explain about two dimensional array (OR) b. List the string handling function.

8. a. Explain Array of structure in C with example (OR) b. Write notes on recursive function Section C

Answer the following: (1\*10=10)9. Explain about categories of function –any 3 10. How can you define the structure and declare structure variables.



Class

#### **G.T.N.ARTS COLLEGE (Autonomous)** (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [2017-18] INTERNAL ASSESSMENT TEST - II Date : 17/4/18 : I IT A & B : 17UITC21 Paper Code Time : 9-10am Title of the Paper : Programming in C Max Marks: 30

## Section A

| Answer ALL the questions $(6 \times 1 = 6)$                               |                      |                |             |
|---|----------------------|----------------|-------------|
| 1.An array created usingfunction at run time is referred as dynamic array |                      |                |             |
| a. malloc   | b.calloc             | c. realloc     | d.alloc     |
| 2. Every element  | nt of array should e | end with       |             |
| a. \n b.\s  | s c.\t d.\o          |                |             |
| 3fun  | ction determine ler  | gth of stiring |             |
| a. strlen()   | b. string len()      | c.strcat()     | d.length () |
| 4. A variable declared inside a function is called                        |                      |                |             |
| a. local  | b.global             | c.static       | d.sreing    |
| 5. A union can  | be declared using    | he keyword     |             |
| a. struct   | b.length             | c. union       | d.int       |
| 6is a collection of different datatype                                    |                      |                |             |
| a. array  | b. structure         | c.pointer      | d.functions |
|   |                      |                |             |

## Section B

Answer the following: (7 x2 = 14)7. a. Explain about two dimensional array (OR) b. List the string handling function.

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## Section C

Answer the following: (1\*10=10)9. Explain about categories of function –any 3 10. How can you define the structure and declare structure variables.

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Class

**G.T.N.ARTS COLLEGE (Autonomous)** (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [2017-18] INTERNAL ASSESSMENT TEST – II : I BBA Date : 18/4/18 : 17UITN21 Time : 9-10am Title of the Paper : Internet and its application Max Marks : 30

### Section A

Answer ALL the questions  $(6 \times 1 = 6)$ 

1..FTP stands for a. file transfer protocol d. first transport protocol

b. File transport protocol c. first text protocol

2. Which protocol sends outgoing mail to mail server a.web browser b.word processor c.Multimedia player d. windows explorer

3.Each web page has its own unique address in known as a. URL b. address c.DNS d.all the above. 4.which icon is used to attach a file with email a. ball pin b. push pin c. gem clip d.tag. 5. The buying and selling of things over the internet is b.e-commerce c.search engine d.e-business a.chat is a block of text append to the end of the e-mail 6. a.file b.signature c. photos d.text

### Section B

Answer the following: (7 x 2 = 14)7. a) *i* How email works ? b) ii ) How you attach file in email? (OR)b) Describe about Web pages and web designing

8. a) Explain about social network. (OR)b) Write short notes on discussion forum.

Section C

Answer any one: (10x1=10) 9. i)Describe the advantages and disadvantages of e-mail ii) tips for effective email

10. Write notes on TCP/IP



Class

## Reg. No:

#### **G.T.N.ARTS COLLEGE (Autonomous)** (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [2017-18] INTERNAL ASSESSMENT TEST -II Date : 18/4/18 : I BBA Paper Code : 17UITN21 Time :: 9-10am : Internet and its application Title of the Paper Max Marks : 30

Section A Answer ALL the questions  $(6 \times 1 = 6)$ 1..FTP stands for a. file transfer protocol b. File transport protocol c. first text protocol d. first transport protocol 2. Which protocol sends outgoing mail to mail server a.web browser b.word processor c.Multimedia plaver d. windows explorer 3.Each web page has its own unique address in known as a. URL b. address c.DNS d.all the above. 4. which icon is used to attach a file with email a. ball pin b. push pin c. gem clip d.tag. 5. The buying and selling of things over the internet is c.search engine d.e-business b.e-commerce a.chat 6. \_\_\_\_\_is a block of text append to the end of the e-mail a.file b.signature c. photos d.text Section B Answer the following:  $(7 \times 2 = 14)$ 7. a) *.*i ) How email works ? b) ii ) How you attach file in email? (OR)b) Describe about Web pages and web designing 8. a) Explain about social network. (OR)b) Write short notes on discussion forum. Section C Answer any one: (10x1=10) 9. i)Describe the advantages and disadvantages of e-mail ii) tips for effective email

10. Write notes on TCP/IP

Date : 18.04.2018

 $[6 \times 1 = 6]$ 

 $[2 \times 7 = 14]$ 

 $[1 \times 10 = 10]$ 

Time : 12-1pm Max Marks : 30

|   |                          |                                   | Reg. No:                                      |
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| G.T.N.ARTS COLLEGE (                                |                          | G.T.N.ART                         | S COLLEGE (Autonomous)                        |
| (Affiliated to Madurai Kama                         |                          |                                   | Madurai Kamaraj University)                   |
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| EVEN SEMESTER [20                                   |                          |                                   | SEMESTER [2017-18]                            |
| INTERNAL ASSESSMEN                                  |                          |                                   | L ASSESSMENT TEST – II                        |
| Class : III IT (A&B)                                | Date : 18.04.2018        | Class : III IT (A&B)              |   |
| Paper Code : SNT8A63                                | Time : 12-1pm            | Paper Code : SNT8A63              | Time : 12-1p                                  |
| Title of the Paper : Web Design                     | Max Marks : 30           | Title of the Paper : Web Design   | Max Marks :                                   |
| Section A   | $[6 \ge 1 = 6]$          |                                   | Section A $[6 \ge 1 = 6]$                     |
| [Answer ALL the ques                                | tions]                   | [Ar                               | nswer ALL the questions]                      |
| 1. The object is the Parent of all object           |                          | 1. The object is the Pa           | arent of all object                           |
| a) Window b) Location                               |                          | a) Window                         | b) Location                                   |
| c) History d) Docume                                |                          | c) History                        | d) Document                                   |
| 2accomplish some specific task serv                 | ice that object provides | 2accomplish sor                   | ne specific task service that object provides |
|   | Event                    | a) Method                         | b) Event                                      |
|   | Element                  | c) Action                         | d) Element                                    |
| 3. GMT stands for                                   |                          | 3. GMT stands for                 |   |
|   | Greenwich Median Time    | a) Greenwich Mean Time            | b) Greenwich Median Time                      |
|   | Greenwhite Mean Time     | c) Greenwidth Mean Time           |   |
| 4. VB Script is the default scripting language used |                          | 4. VB Script is the default scrip |   |
|   | ASP                      | a)JSP                             | b) ASP  |
|   | JAVASCRIPT               | c) EJB                            | d) JAVASCRIPT                                 |
| 5. Local-Scope variables are often called           |                          | 5. Local-Scope variables are of   |   |
|   | static-level-variables   | a) object-level-variables         | b) static-level-variables                     |
|   | dynamic-level variables  | c) procedure-level variables      |   |
| 6. In VB Script the data types are referred as      | -<br>                    | 6. In VB Script the data types an |   |
|   | Sub Types                | a) Data Types                     | b) Sub Types                                  |
| c) Types d)   | All of the above         | c) Types                          | d) All of the above<br>Section B [2 x 7       |
| Section B   | $[2 \times 7 = 14]$      |                                   | Section B [2 x 7<br>er ALL the questions]     |
| [Answer ALL the question                            |                          |                                   | in JAVA script with syntax and example? [Or]  |
| 7. a) Explain loop statements in JAVA script with   |                          |                                   | in JAVA script with syntax and example. [OI]  |
| b)Explain Built-in function in JAVA Script with     |                          | 8. a) Write short note on Intri   |   |
| 8. a) Write short note on Intrinsic functions ?     | [OR]                     |                                   | ntrol of VB script with syntax and example?   |
| b) Explain the input box control of VB script w     |                          |                                   | Section C $[1 \times 10 = 1]$                 |
| Section C   | $[1 \times 10 = 10]$     |                                   | ANY ONE question]                             |
| [Answer ANY ONE questio                             |                          | 9. Explain Netscape object in JA  |   |
| 9. Explain Netscape object in JAVA script?          |                          | 10. Explain theVB Script data typ |   |
| 10. Explain theVB Script data types?                |                          |                                   |   |
| Zuprani and . Z Southe data (Jpos)                  |                          |                                   |   |
|   |                          |                                   |   |

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| G.T.N.ARTS COLLEGE (Autonomous)<br>(Affiliated to Madurai Kamaraj University)<br>(Accredited by NAAC with 'B' Grade)<br>EVEN SEMESTER [2017-18]<br>INTERNAL ASSESSMENT TEST – II<br>Class : III IT (A&B) Date : 13/04/2018<br>Paper Code : SNT8C61 Time : 12-1pm<br>Title of the Paper : SOFTWARE ENGINEERING Max Marks : 30 | G.T.N.ARTS COLLEGE (Autonomous)<br>(Affiliated to Madurai Kamaraj University)<br>(Accredited by NAAC with 'B' Grade)<br>EVEN SEMESTER [2017-18]<br>INTERNAL ASSESSMENT TEST – II<br>Class : III IT (A&B) Date : 13/04/2018<br>Paper Code : SNT8C61 Time : 12-1pm<br>Title of the Paper : SOFTWARE ENGINEERING Max Marks : 30 |
| Section A       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         1   | Section A $[6 x 1 = 6]$ [Answer ALL the questions]       1   |
| <ul> <li>b) Explain RSL/REVS.</li> <li>Section C [1 x 10 = 10]<br/>[Answer ANY ONE question]</li> <li>9. Explain State Oriented Notations?</li> <li>10. Describe any Five Design Concepts?</li> </ul>  | <ul> <li>b) Explain RSL/REVS.</li> <li>Section C [1 x 10 = 10]</li> <li>[Answer ANY ONE question]</li> <li>9. Explain State Oriented Notations?</li> <li>10. Describe any Five Design Concepts?</li> </ul>   |

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| G.T.N.ARTS COLLEGE (Autonomous)<br>(Affiliated to Madurai Kamaraj University)<br>(Accredited by NAAC with 'B' Grade)<br>EVEN SEMESTER [2017-18]<br>INTERNAL ASSESSMENT TEST – II<br>Class : III B.Sc.(IT) A&B Date :18.4.18<br>Paper Code :SNT8C63 Time : 12-1<br>Title of the Paper :Embedded System Max Marks : 30 | G.T.N.ARTS COLLEGE (Autonomous)         (Affiliated to Madurai Kamaraj University)         (Accredited by NAAC with 'B' Grade)         EVEN SEMESTER [2017-18]         INTERNAL ASSESSMENT TEST – II         Class       : IB.Sc.(IT) A&B         Paper Code       : SNT8C63         Title of the Paper       :Embedded System   |
| Section A[6 x 1 = 6][Answer ALL the questions]1. An embedded system is a combination of  | Section A $[6 x 1 = 6]$ [Answer ALL the questions]1. An embedded system is a combination ofa) Softwareb) HARDWAREc) Programd) Devices2 Which of the following are the components of a microprocessor?a) Single processora) Single processorb) Logic Unitc) Arithmetic unitd) Memory Unit3. Which of the following are the examples of microcontrollers?a) PIC 18F8720a) PIC 18F8720b) MCUc) MAX32620d) All the above4. An embedded system is classified in to how many types?a) 1b) 2c) 4d) 35. If the deadline of an embedded system cannot complete its task within its deadlinethen it is called type of embedded system.a) Soft real timeb) Hard real timec) Stand aloned) Networked embedded system6. What does Index set L denotes?a) task graph nodeb) Processorc) hardware componentsd) task graph node typeSection B[2 x 7 = 14][Answer ALL the questions]7.a) Explain operating system in Embedded system.8.a) Write characteristics of an embedded system.8.a) Write characteristics of an embedded system.8.a) Write a note on Cross assemblers, OCD and In-Circuit Emulators.Section C[1 x 10 = 10][Answer ANY ONE question]9. Explain the different types of software architecture for embedded systems. |
| L 1  | [Answer ANY ONE question]  |

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Class

**G.T.N.ARTS COLLEGE (Autonomous)** (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [2017-18] INTERNAL ASSESSMENT TEST – II : III IT (A&B) Date : 16-4-2018 : SNT8S62 Time : 12-1pm Title of the Paper : Data Mining Max Marks : 30

## Section A

| [Answer ALL the questions] [6 x 1 =   | = 6 ]   |
|---|---|
| 1.KDD stands for  |   |
| a).Knowledge Data Mining in Data  | base b) Knowledge Data Warehouse in Database                    |
| c) Knowledge Discovery in Datab   | ase d) Knowledge Domain in Databas                              |
| 2 is the process of identifying a vali  | d, potentially useful and ultimately understandable & structure |
| in data   |   |
| a) KDD  | b) Data mining  |
| c). Data Warehouse  | d). Supervised learning   |
| 3 focuses on finding patterns de  | scribing the data and the subsequent presentation for user      |
| interpretation  |   |
| , 6   | ) Detection   |
| c) Description d  | ) Prediction.   |
| 4 is also called the level wise algor   | rithm   |
| a) Partition Algorithm  | b)Incremental Algorithm   |
| c) A priori Algorithm   | d) Border Algorithm   |
| 5. Any superset of an infrequent set is   | an infrequent set closure property                              |
| a) downward   | b) . inner  |
| c) upward   | d. maximum  |
| 6 means learning from examples  | , where a training set is given which acts as examples for the  |
| classes   |   |
| a) Unsupervised learning  | b). Machine learning  |
| c) . Supervised learning  | d) Mathematical Programming                                     |
|   |   |
|   | ection B  |
| [Answer ALL the questions]  | $[2 \times 7 = 14]$   |
| <ul><li>7.a) Discuss the relation of Data mining</li><li>b) Compare DBMS with Data Mining</li></ul> |   |
| 8. a) Describe the methods to discover .  |   |
| b) Describe the application areas of I  |   |
|   | Section C   |
| [Answer ANY ONE question]   | $[1 \times 10 = 10]$  |
| 9. Explain the Data Mining techniques.  | []  |
| 10. Explain A priori algorithm.   |   |
| •   |   |



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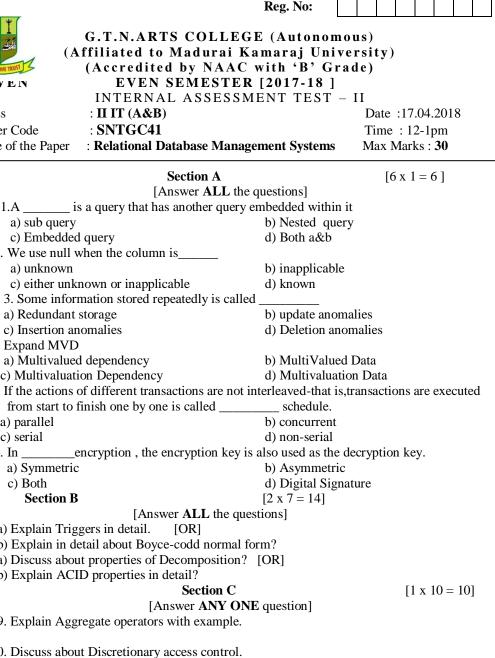
| W GOD WE TRUST     | G.T.N.ARTS COLLEGE (Autonomous)<br>(Affiliated to Madurai Kamaraj University)<br>(Accredited by NAAC with 'B' Grade)<br>EVEN SEMESTER [2017-18] |                  |  |
|--------------------|---|------------------|--|
| eeven              | EVEN SEMESTER [2  | 01/-18           |  |
|                    | INTERNAL ASSESSMEN  | T TEST – II      |  |
| Class              | : III IT (A&B)  | Date : 16-4-2018 |  |
| Paper Code         | : SNT8S62   | Time : 12-1pm    |  |
| Title of the Paper | : Data Mining   | Max Marks : 30   |  |

#### Section A . < 1

| [Answer ALL the questions] [6 x   | 1 = 6]                 |  |
|---|------------------------|--|
| 1.KDD stands for  |                        |  |
| a).Knowledge Data Mining in D   | atabase b) Know        | wledge Data Warehouse in Database              |
| c) Knowledge Discovery in Da  | tabase d) Know         | wledge Domain in Databas                       |
| 2 is the process of identifying a v   | valid, potentially use | eful and ultimately understandable & structure |
| in data   |                        |  |
| a) KDD  | b) Data                | mining   |
| c). Data Warehouse  | d). Supe               | ervised learning                               |
| 3 focuses on finding patterns   | describing the data    | a and the subsequent presentation for user     |
| interpretation  |                        |  |
| a) Clustering   | b) Detection           |  |
| c) Description  | d) Prediction.         |  |
| 4. is also called the level wise al   | gorithm                |  |
| a) Partition Algorithm  | b)Increr               | mental Algorithm                               |
| c) A priori Algorithm   | d) Borde               | ler Algorithm                                  |
| 5. Any superset of an infrequent set  | is an infrequent set   | t closure property                             |
| a) downward   | b) inner               | er   |
| c) upward   | d. maxii               | mum  |
| 6 means learning from examp   | les, where a training  | ng set is given which acts as examples for the |
| classes   |                        |  |
| a) Unsupervised learning  | b). Mac                | chine learning                                 |
| c) . Supervised learning  |                        | al Programming                                 |
|   | Section B              |  |
| [Answer ALL the questions]  |                        | $[2 \times 7 = 14]$                            |
| <ul><li>7.a) Discuss the relation of Data min</li><li>b) Compare DBMS with Data Min</li></ul> | •                      | ls. [OR]                                       |
| 8. a) Describe the methods to discov  |                        | e [OR]   |
| b) Describe the application areas of  | Ũ                      |  |
|   | Section C              |  |
| [Answer ANY ONE question]   |                        | $[1 \times 10 = 10]$                           |
| 9. Explain the Data Mining techniqu   | es.                    |  |
| 10. Explain A priori algorithm.   |                        |  |

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| G.T.N.ARTS COLLEGE (Autonomous)<br>(Affiliated to Madurai Kamaraj University)<br>(Accredited by NAAC with 'B' Grade)<br>ODD SEMESTER [2017-18]<br>INTERNAL ASSESSMENT TEST – II<br>Class : III IT (A&B) Date : 13/04/2018<br>Paper Code : SNT8S63 Time : 1.30-2.30<br>Title of the Paper : EMBEDDED SYSTEM Max Marks : 30 | G.T.N.ARTS COLLEGE (Autonomous)         (Affiliated to Madurai Kamaraj University)         (Accredited by NAAC with 'B' Grade)         ODD SEMESTER [2017-18]         INTERNAL ASSESSMENT TEST – II         Class       : III IT (A&B)         Paper Code       : SNT8S63         Title of the Paper       : EMBEDDED SYSTEM |
| Section A       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         1. A is collection of codes that is defined in a C program by a name.       a) Source file         a) Source file       b) Header file         c) Macro       d) Config file   | Section A       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         1. A is collection of codes that is defined in a C program by a name.       a) Source file         a) Source file       b) Header file         c) Macro       d) Config file  |
| <ul> <li>2. A is a device, which uses device driver functions and in which insertion are from the source end and deletions are at sink end.</li> <li>a) Pipe b) Queue</li> <li>c) Circular queue d) Stack</li> <li>3 model states that there is finite number of possible states in a system.</li> </ul>                  | <ul> <li>2. A is a device, which uses device driver functions and in which insertion are from the source end and deletions are at sink end.</li> <li>a) Pipe b) Queue</li> <li>c) Circular queue d) Stack</li> <li>3 model states that there is finite number of possible states in a system.</li> </ul>                     |
| a) Program Counterb) Finite State Mechanismc) Registersd) Stack Pointer4. UML Stands for.a) Unified Modeling Languageb) Uniform Mode Likeb) Uniform Mode Likec) Unified Mode Liked) Unit Model Language   | <ul> <li>a) Program Counter</li> <li>b) Finite State Mechanism</li> <li>c) Registers</li> <li>d) Stack Pointer</li> <li>4. UML Stands for.</li> <li>a) Unified Modeling Language</li> <li>b) Uniform Mode Like</li> <li>c) Unified Mode Like</li> <li>d) Unit Model Language</li> </ul>                                      |
| <ul> <li>5 is a data structure having the information using which the OS controls the process state.</li> <li>a) PCB</li> <li>b) ECB</li> <li>c) DEB</li> <li>d) HCB</li> </ul>   | <ul> <li>5 is a data structure having the information using which the OS controls the process state.</li> <li>a) PCB</li> <li>b) ECB</li> <li>c) DEB</li> <li>d) HCB</li> </ul>  |
| <ul> <li>6 provides a device like mechanism for bi-direction communication.</li> <li>a) Signal</li> <li>b) Socket</li> <li>c) Pipe</li> <li>d) Signal</li> <li>Section B</li> <li>[2 x 7 = 14]</li> <li>[Answer ALL the questions]</li> </ul>   | <ul> <li>6 provides a device like mechanism for bi-direction communication.</li> <li>a) Signal</li> <li>b) Socket</li> <li>c) Pipe</li> <li>d) Signal</li> <li>Section B</li> <li>[2 x 7 = 14]</li> </ul>  |
| <ul> <li>7. a) Discuss detailed about C Program Elements? [OR]</li> <li>b) Explain about DFG models?</li> <li>8. a) Explain UML modeling? [OR]</li> <li>b) Explain task and data.</li> </ul>  | <ul> <li>7. a) Discuss detailed about C Program Elements? [OR]</li> <li>b) Explain about DFG models?</li> <li>8. a) Explain UML modeling? [OR]</li> <li>b) Explain task and data.</li> </ul>   |
| Section C [1 x 10 = 10]<br>[Answer ANY ONE question]<br>9. Explain Program elements?<br>10. Explain Inter Process Communication?  | Section C [1 x 10 = 10]<br>[Answer ANY ONE question]<br>9. Explain Program elements?<br>10. Explain Inter Process Communication?   |

| Reg. N         G.T.N.ARTS COLLEGE         (Affiliated to Madurai Ka         (Accredited by NAAC w         EVEN SEMESTER         INTERNAL ASSESSME         Class       : II IT (A&B)         Paper Code       : SNTGC41         Title of the Paper       : Relational Database Manager | E (Autonomous)<br>maraj University)<br>with 'B' Grade)<br>[2017-18]<br>ENT TEST – II<br>Date : 17.04.2018<br>Time : 12-1pm | e E v E N<br>Class<br>Paper Code<br>Title of the Paper |
|---|--|--|
| Section A   | [6 x 1 = 6 ]   |  |
| [Answer ALL the q   |  | 1.A  |
| 1.A is a query that has another query en  |  | a) sub query   |
| a) sub query  | b) Nested query  | c) Embedde   |
| c) Embedded query   | d) Both a&b  | 2. We use null   |
| 2. We use null when the column is   |  | a) unknown   |
| a) unknown  | b) inapplicable  | c) either un   |
| c) either unknown or inapplicable   | d) known   | 3. Some info   |
| 3. Some information stored repeatedly is called   |  | a) Redundan  |
| a) Redundant storage  | b) update anomalies  | c) Insertion a   |
| c) Insertion anomalies  | d) Deletion anomalies  | <ol><li>Expand MVI</li></ol>                           |
| 4. Expand MVD   |  | a) Multivalue  |
| a) Multivalued dependency   | b) MultiValued Data  | c) Multivalua  |
| c) Multivaluation Dependency  | d) Multivaluation Data   | 5. If the actions                                      |
| 5. If the actions of different transactions are not int   |  | from start to  |
| from start to finish one by one is called   |  | a) parallel  |
| a) parallel   | b) concurrent  | c) serial  |
| c) serial   | d) non-serial  | 6. In  |
| 6. Inencryption , the encryption key is al  |  | a) Symmetri  |
| a) Symmetric  | b) Asymmetric  | c) Both  |
| c) Both   | d) Digital Signature   | Section 1  |
| Section B   | $[2 \times 7 = 14]$  |  |
| [Answer ALL the quest   | tions  | 7.a) Explain Tri                                       |
| 7.a) Explain Triggers in detail. [OR]   |  | b) Explain in o  |
| b) Explain in detail about Boyce-codd normal for  |  | 8.a) Discuss abo                                       |
| 8.a) Discuss about properties of Decomposition?   | [OR]   | b) Explain AC  |
| b) Explain ACID properties in detail?   | [1 10 10]  |  |
| Section C   | $[1 \times 10 = 10]$   |  |
| [Answer ANY ONE ques  | stionj   | 9. Explain Ag  |
| 9. Explain Aggregate operators with example.  |  | 10 D'  |
|   |  | 10. Discuss abo  |
| 10. Discuss about Discretionary access control.   |  |  |
|   |  |  |



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| G.T.N.ARTS COLLEG   | E (Autonomous)                     | G.T.N.ARTS COLLEG   | E (Autonomous)                     |
| (Affiliated to Madurai K  |                                    | (Affiliated to Madurai K  |                                    |
| (Accredited by NAAC   |                                    | (Accredited by NAAC   |                                    |
| EVEN SEMESTE  |                                    | EVEN SEMESTEI   |                                    |
| INTERNAL ASSESSM  | IENT TEST – II                     | INTERNAL ASSESSM  | IENT TEST – II                     |
| Class : II B.Sc.(IT) A&B  | Date :18.4.18                      | Class : II B.Sc.(IT) A&B  | Date : 18.4.18                     |
| Paper Code :SNTGC42   | Time : 12-1                        | Paper Code : SNTGC42  | Time : 12-1                        |
| Title of the Paper :Operating System  | Max Marks : <b>30</b>              | Title of the Paper : Operating System   | Max Marks : 30                     |
| Section A<br>[Answer ALL the  | $[6 \times 1 = 6]$                 | Section A<br>[Answer ALL the  | $[6 \times 1 = 6]$                 |
| 1. In operating system, each process has its ow   | -                                  | 1. In operating system, each process has its ow   | -                                  |
|   | arms, signals, and signal handlers |   | arms, signals, and signal handlers |
| c) address space and global variables   |                                    | c) address space and global variables   |                                    |
| 2.In a timeshare operating system, when the ti  |                                    | 2.In a timeshare operating system, when the timeshare operating system.   |                                    |
| completed, the process switches from the curry  |                                    | completed, the process switches from the curre  |                                    |
| a) Suspended state  | b) Terminated state                | a) Suspended state  | b) Terminated state                |
| c) Ready state  | d) Blocked state                   | c) Ready state  | d) Blocked state                   |
| 3.Transient operating system code is a code th  | •                                  | 3.Transient operating system code is a code that  | ·                                  |
| a) stays in the memory always   | b) never enters the memory space   | a) stays in the memory always   | b) never enters the memory space   |
| c) comes and goes as needed   | d) is not easily accessible        | c) comes and goes as needed   | d) is not easily accessible        |
| 4. The main memory accommodates   |                                    | 4.The main memory accommodates  |                                    |
| a) CPU  | b) user processes                  | a) CPU  | b) user processes                  |
| c) operating system   | d) all of the mentioned            | c) operating system   | d) all of the mentioned            |
| 5. The operating system is responsible for?   |                                    | 5. The operating system is responsible for?   |                                    |
| a) bad-block recovery   | b) booting from disk               | a) bad-block recovery   | b) booting from disk               |
| c) disk initialization  | d) all of the mentioned            | c) disk initialization  | d) all of the mentioned            |
| 6. The information about all files is kept in   |                                    | 6.The information about all files is kept in  | .,                                 |
| a) operating system   | b) separate directory structure    | a) operating system   | b) separate directory structure    |
| c) swap space   | d) none of the mentioned           | c) swap space   | d) none of the mentioned           |
| Section   |                                    | Sectio  |                                    |
| [Answer ALL the   |                                    | [Answer ALL the   |                                    |
| <ul><li>7. a) Describe the four necessary conditions for dea</li><li>b) Discuss about deadlock preventions.</li></ul> | adlock. OR                         | <ul><li>7. a) Describe the four necessary conditions for dea</li><li>b) Discuss about deadlock preventions.</li></ul> | ndlock. <b>OR</b>                  |
| <ul><li>8. a)Explain about memory allocation.</li><li>b) Write a short notes on page fault frequency.</li></ul>       | OR                                 | <ul><li>8. a)Explain about memory allocation.</li><li>b) Write a short notes on page fault frequency.</li></ul>       | OR                                 |
| Sectio  | on C $[1 \times 10 = 10]$          | Sectio  | on <b>C</b> $[1 \times 10 = 10]$   |
| [Answer ANY   | - L J                              | [Answer ANY (   |                                    |
| 10. Discuss in detail about process scheduling.   |                                    | 10. Discuss in detail about process scheduling.   |                                    |
| 11. Explain memory management and hierarchy in  | detail.                            | 11. Explain memory management and hierarchy in  | detail.                            |

| Reg. No:         G.T.N.ARTS COLLEGE (Autonomous)         (Affiliated to Madurai Kamaraj University)         (Accredited by NAAC with 'B' Grade)         EVEN SEMESTER [2017-18 ]         INTERNAL ASSESSMENT TEST – II         Class         II B.Com(CA) A,B&C         Date : 18.4.18         Paper Code         I' Visual Programming         Max Marks : 30 | G.T.N.ARTS COLLEGE (Autonomous)<br>(Affiliated to Madurai Kamaraj University)<br>(Accredited by NAAC with 'B' Grade)<br>EVEN SEMESTER [2017-18]<br>INTERNAL ASSESSMENT TEST – II<br>Class : II B.Com(CA) A,B&C Date : 18.4.18<br>Paper Code : CCA8C41 Time :9-10 am<br>Title of the Paper : Visual Programming Max Marks : 30 | )     |
|--|---|-------|
| Section A $[6 \times 1 = 6]$ [Answer ALL the questions]1. The default property of the text box is  | Section A       [6 x 1 =         [Answer ALL the questions]         1. The default property of the text box is  | - 14] |

| Reg. No:   |   |                           | Reg. No:  |   |
|--|---|---------------------------|---|---|
| G.T.N.ARTS COLLEGE (A<br>(Affiliated to Madurai Kamar<br>(Accredited by NAAC with<br>EVEN SEMESTER [20]<br>INTERNAL ASSESSMENT       | raj University)<br>( 'B' Grade)<br>)17-18 ]<br>F TEST – I | W COD WE TRUST            | G.T.N.ARTS COLLEG<br>Affiliated to Madurai Ka<br>(Accredited by NAAC<br>EVEN SEMESTER<br>INTERNAL ASSESSM | amaraj University)<br>with 'B' Grade)<br>& [2017-18]<br>1ENT TEST – I |
| Class: I B.Sc.(IT) A&BPaper Code:17UITC21  | Date :21/2/2018<br>Time : 10.30-11.30                     | Class<br>Paper Code       | : <b>I B.Sc.(IT) A&amp;B</b><br>: 17UITC21  | Date : 21/2/18<br>Time : 10.30-11.30                                  |
| Title of the Paper : <b>Programming in C</b>   | Max Marks : 30  | Title of the Paper        | : Programming in C  | Max Marks : <b>30</b>   |
| Section A  | [6 x 1 = 6 ]  |                           | Section A   | [6 x 1 = 6 ]  |
| [Answer ALL the question   | lons  | 1.0.1                     | [Answer ALL the c   | questions   |
| 1. C is a level language.  | \ <b>II</b> ' - 1   | 1. C is a                 | level language.   |   |
|  | ) High  | a) Low<br>c) Low and      | II: -h  | b) High<br>d) Basic   |
| 2. Which function is used to display the output on the scre  | d) Basic  |                           | is used to display the output on th   |   |
|  | b)Scanf   | a) Println                | is used to display the output on th   | b)Scanf   |
| ,  | d)Scan  | c) Printf                 |   | d)Scan  |
| 3. Which of the following declaration is not correct?  | u)sean  | ,                         | ollowing declaration is not correct   | · · · · · · · · · · · · · · · · · · ·                                 |
|  | b)unsigned char d;  | a) float d1               |   | b)unsigned char d;  |
|  | d)unsigned float d;                                       | c) int $d=5$ :            |   | d)unsigned float d;   |
| 4. Every c program   | a)unsigned nout d,  | 4. Every c program        |   | djulisiglioù flout d,   |
|  | b) Need not contain any function                          |                           | ontain at least one function  | b) Need not contain any function                                      |
|  | d)Needs Two Function                                      | c) Needs in               |   | d)Needs Two Function  |
| 5. When a function is recursively called all the automatic   | ,   |                           |   | matic variables are stored in a                                       |
|  | b)Stack   | a) Array                  | 5   | b)Stack   |
|  | d)Queue   | c) Linked                 | List  | d)Queue   |
| 6. The string functions are stored in header fil   | e   | 6. The string functi      | ions are stored in head   | der file  |
| a) <stdio.h></stdio.h>   | b) <conio.h></conio.h>                                    | a) <stdio.h></stdio.h>    |   | b) <conio.h></conio.h>  |
|  | d) <math.h></math.h>                                      | c) <string.h></string.h>  |   | d) <math.h></math.h>  |
| Section B  | $[2 \ge 7 = 14]$  |                           | Section B   | $[2 \times 7 = 14]$   |
| [Answer ALL the questions  |   |                           | [Answer ALL the ques  |   |
| <ul><li>a) Explain the structure of C program with an example</li><li>b) Explain with syntax how string variable is declar</li></ul> |   |                           | e structure of C program with an e<br>tith syntax how string variable is o                                |   |
| 8. a) Define Token. Explain the different types of toke  |   |                           |   | f token available in C language? [OR]                                 |
| b) Discuss about the use of ternary or conditional ope   |   |                           | but the use of ternary or condition   |   |
| Section C  |   | Section C                 |   |   |
| $[1 \times 10 = 10]$   |   | $[1 \times 10 = 10]$      |   |   |
| [Answer ANY ONE question]  |   | [Answer ANY ONE question] |   |   |
| 9. Illustrate a C program to find biggest of three nos.  | -   | 9. Illustrate a C pr      | rogram to find biggest of three no  |   |
| 10. Explain about conditional statements with syntax and   | example.  |                           | conditional statements with syntax  |   |
|  |   |                           |   |   |

| IN GOD | Reg. No:<br>G.T.N.ARTS COLLEGE (Autonomous)<br>(Affiliated to Madurai Kamaraj University)<br>(Accredited by NAAC with 'B' Grade)<br>EVEN SEMESTER [2017-18]<br>INTERNAL ASSESSMENT TEST – I  | COD WE TRUST            |
|--------|--|-------------------------|
| Clas   | ss : <b>II BBA</b> Date : <b>22-02-2018</b><br>er Code : Time : 9-10am   | Class<br>Paper Co       |
|        | e of the Paper : COMPUTER APPLICATION IN BUISNESS II Max Marks : 30  | Title of th             |
| 1      | Section A [6 x 1 = 6]<br>[Answer ALL the questions]<br>Which of the following is not the valid tag of HTML   | 1                       |
| 1      | a) $\langle B \rangle$ b) $\langle BL \rangle$   | 1 Wi<br>a)              |
| 2      | c)<br>d) <ul>Abbreviate ADSLb) asymmetric data subscriber linea) Asymmetric digital subscriber lineb) asymmetric data subscriber line</ul>   | c)<br>2 Ab<br>a)        |
| 3      | <ul> <li>c) Asynchronous digital subscriber line</li> <li>d) asynchronous data subscriber line</li> <li>Which of the following is used to provide hyperlink in HTML</li> <li>a) <ref></ref></li> <li>b) <a href=""></a></li> </ul> | c)<br>3 Wh<br>a)        |
| 4      | c) <href> d) both b &amp; c<br/>Who is called as father of internet</href>   | c)<br>4 Wh              |
| •      | a) Vint cerfb) Robert cerfc) Bob kahnd) both a&c   | a)<br>c)                |
| 5      | WWW was invented by         a) Tim burners lee       b) Tim roger lee         b) Depend hum one lee       d) Constant im lee   | 5 WV<br>a)              |
| 6      | <ul> <li>c) Roger burners lee</li> <li>d) Goger tim lee</li> <li>ISDN stands for</li> <li>a) Integrated serving digital network</li> <li>b)Integrated services data network</li> </ul>   | 6 ISI<br>a)             |
|        | <ul> <li>c) Integrated services digital network</li> <li>d) Integrated storage digital network</li> <li>Section B [2 x 7 = 14]</li> </ul>  | c)                      |
| 7.     | [Answer ALL the questions]<br>a) Write a short notes on data types and primary key in MS Access [OR]<br>b) Explain briefly about history of internet?  | 7. a) W                 |
| 8.     | a) Explain briefly about ISDN? [OR]<br>b) Write a short note on basic HTML tags with example?  | b) E<br>8. a) E<br>b) W |
|        | Section C $[1 \times 10 = 10]$<br>[Answer ANY ONE question]  |                         |
|        | Describe briefly form creation and report generation in MS Access?<br>Describe briefly about tables in HTML along with suitable examples?  | 9. Desci<br>10. Desci   |

| G.T.N.ARTS COLLEGE (Autonomous)<br>(Affiliated to Madurai Kamaraj University)<br>(Accredited by NAAC with 'B' Grade)<br>EVEN SEMESTER [2017-18]<br>INTERNAL ASSESSMENT TEST – I |                                       |  |  |  |  |
|---|---------------------------------------|--|--|--|--|
| Class : II BBA  | Date : 22-02-2018                     |  |  |  |  |
| Paper Code :  | Time : <b>9-10am</b>                  |  |  |  |  |
| Title of the Paper : COMPUTER APPLICATIO  | ON IN BUISNESS II Max Marks : 30      |  |  |  |  |
| Section A   | [6 x 1 = 6]                           |  |  |  |  |
| [Answer ALL th  |                                       |  |  |  |  |
| 1 Which of the following is not the valid tag of  |                                       |  |  |  |  |
| a) <b></b>  | b) <bl></bl>                          |  |  |  |  |
| c)<br>  | d) <ul></ul>                          |  |  |  |  |
| 2 Abbreviate ADSL   |                                       |  |  |  |  |
| a) Asymmetric digital subscriber line   | b) asymmetric data subscriber line    |  |  |  |  |
| c) Asynchronous digital subscriber line   | d) asynchronous data subscriber line  |  |  |  |  |
| 3 Which of the following is used to provide h   |                                       |  |  |  |  |
| a) <ref></ref>  | b) $\langle a href \rangle$           |  |  |  |  |
| c) <href></href>  | d) both b & c                         |  |  |  |  |
| 4 Who is called as father of internet   | b) Robert cerf                        |  |  |  |  |
| a) Vint cerf  | ,                                     |  |  |  |  |
| c) Bob kahnd) both a&c5WWW was invented by  |                                       |  |  |  |  |
| a) Tim burners lee  | b) Tim roger lee                      |  |  |  |  |
| c) Roger burners lee d) Goger tim lee   |                                       |  |  |  |  |
| 6 ISDN stands for   | u) Goger till fee                     |  |  |  |  |
| a) Integrated serving digital network   | b)Integrated services data network    |  |  |  |  |
| c) Integrated services digital network  | d) Integrated storage digital network |  |  |  |  |
|   |                                       |  |  |  |  |
| Section B   | $[2 \times 7 = 14]$                   |  |  |  |  |
| [Answer ALL the question  |                                       |  |  |  |  |
| 7. a) Write a short notes on data types and prim  | ary key in MS Access [OR]             |  |  |  |  |
| b) Explain briefly about history of internet?   |                                       |  |  |  |  |
| 8. a) Explain briefly about ISDN?   | [OR]                                  |  |  |  |  |
| b) Write a short note on basic HTML tags wi   | ith example?                          |  |  |  |  |
| Section C   | [1 x 10 = 10]                         |  |  |  |  |
| [Answer ANY ONE questi  |                                       |  |  |  |  |
| 9. Describe briefly form creation and report generation in MS Access?   |                                       |  |  |  |  |
| 10. Describe briefly about tables in HTML along   | with suitable examples?               |  |  |  |  |
|   |                                       |  |  |  |  |

Reg. No:

Reg. No:



Paper Code

Class

**G.T.N.ARTS COLLEGE (Autonomous)** (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [2017-18] INTERNAL ASSESSMENT TEST - I Date : 22.02.18 : II CA A&B.C : CCA8C41 Time :9 am-10 am Max Marks : 30

Title of the Paper : Visual Programming

# **SECTION A**

Answer **all** the questions:

 $6 \ge 1 = 6$ 

- 1. \_\_\_\_\_ is a file extension of forms in VB. a) .frm b) .vbp c).vbf d) .mod
- 2. The \_\_\_\_\_ data type can hold values from 0 to 255.
- a) Boolean b) Byte c) Integer d) Decimal
- 3. \_\_\_\_ controls are mutually exclusive. a) Check box b) Option Button
- c) Command Button d) Text Box 4. Strcmp ("ABCD", "abcd", 0) returns a value of
- b) 0 c) 1 a) -1 d) NULL
- 5. To add an Item to a list box, use the method. c) AddValue d) ItemAdd a) AddData b) AddItem
- 6. The function aligns a string to the right side of a variable. b) RSet a) RStr c) Right d) RTrim

# **SECTION B**

Answer **all** the questions

Answer any **ONE** question.

- 7. a) Explain the method of using the form screen.
  - (OR)
  - b) Explain the subroutines and functions difference with example.
- a) Describe Listbox and Combobox controls with illustration 8. (OR)
  - b) Write about the scope of variables with examples.

# **SECTION C**

 $1 \times 10 = 10$ 

 $2 \ge 7 = 14$ 

9. Write about the properties window in detail.

10. Discuss the different String Functions with examples.

Reg. No:



## G.T.N.ARTS COLLEGE (Autonomous) (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [2017-18] INTERNAL ASSESSMENT TEST - I

|                    |                      | 1                 |
|--------------------|----------------------|-------------------|
| Class              | : II CA A&B,C        | Date : 22.02.18   |
| Paper Code         | : CCA8C41            | Time : 9 am-10 am |
| Title of the Paper | : Visual Programming | Max Marks : 30    |
| Title of the Paper | : Visual Programming | Max Marks : 30    |

## **SECTION A**

| Answer al | I the question | ns:             |               |           |                   | 6 x 1 = 6   |
|-----------|----------------|-----------------|---------------|-----------|-------------------|-------------|
| 1.        | is a fi        | le extension    | of forms in   | VB.       |                   |             |
|           | a) .frm        | b) .vbp         | c) .vbf       |           | d) .mod           |             |
| 2.        | The            | data type o     | can hold val  | ues fror  | n 0 to 255.       |             |
|           | a)Boolean      | b) Byte         | c) Inte       | ger       | d) Decimal        |             |
| 3.        | cont           | rols are mutu   | ally exclusi  | ve.       |                   |             |
|           | a)Check bo     | ox b) Option    | Button c      | ) Comm    | and Button        | d) Text Box |
| 4.        | Strcmp ("Al    | BCD", "abcd     | ", 0) returns | s a value | e of              |             |
|           | a) -1          | b)              | 0             | c) 1      | d) NULL           |             |
| 5.        | To add an Ite  | em to a list bo | ox, use the _ | m         | ethod.            |             |
|           | a)AddData      | b) AddItem      | c) Add        | Value     | d) ItemAdd        |             |
| 6.        | The func       | ction aligns a  | string to th  | e right s | ide of a variable |             |
|           | a) RStr        | b) RSet         | c) Rigi       | nt        | d) RTrim          |             |
|           |                |                 |               |           |                   |             |

## **SECTION B**

 $2 \ge 7 = 14$ 

7. a) Explain the method of using the form screen. (OR)

b)Explain the subroutines and functions difference with example.

8. a) Describe Listbox and Combobox controls with illustration (OR)

b) Write about the scope of variables with examples.

# **SECTION C**

Answer any **ONE** question.

Answer **all** the questions

 $1 \ge 10 = 10$ 

9. Write about the properties window in detail.

10. Discuss the different String Functions with examples

|   | Reg. No:   |   | Reg.                       | No:                                |
|---|--|---|----------------------------|------------------------------------|
| (Affiliated to<br>(Accredited<br>ODD S  | Time : <b>12- 1pm</b>  | (Affiliated to I<br>(Accredited<br>ODD S                            |                            | j University)<br>B'Grade)<br>-18 ] |
|   | Section A $[6 \ge 1 = 6]$  | , , , , , , , , , , , , , , , , , , ,                               |                            | Section A                          |
|   | nswer ALL the questions]   | -   | $[6 \times 1 = 6]$         | -1                                 |
| 1. VLSI stands for  | h) Vary Larga System Interface   | [An 1. VLSI stands for  | swer ALL the questions     | sj                                 |
| <ul><li>a) Very Large Scale Integration</li><li>c) Visit Large System Interface</li></ul> | <ul><li>b) Very Large System Interface</li><li>d) View Large Scale Integration</li></ul> | a) Very Large Scale Integration                                     | b) Very Large S            | System Interface                   |
|   | ch operates by measuring continuously varying quantities                                 | c) Visit Large System Interface                                     |                            | Scale Integration                  |
| like voltage and current.   | en operates by measuring continuously varying quantities                                 | 2. A/Ancomputer whi   |                            |                                    |
| a) Analog   | b) Digital   | like voltage and current.   | ·F · /                     | -8                                 |
| c) Super  | d) RISC  | a) Analog   | b) Digital                 |                                    |
| 3 computes can be us  | sed for a variety of applications.   | c) Super  | d) RISC                    |                                    |
| · · · · · · · · · · · · · · · · · · ·   | b) Personal  | 3 computes can be us  | sed for a variety of appli | cations.                           |
|   | d) Mini  |   | o) Personal                |                                    |
| 4 is a device that con  | ntrols the movement of the cursor or pointer on a display                                |   | l) Mini                    |                                    |
| screen.   |  | 4 is a device that con  | trols the movement of      | the cursor or pointer on a display |
| a) Light Pen  | b) Keyboard  | screen.   | 1 $V = 1 = 1$              |                                    |
| c) Mouse  | d) Monitor   | a) Light Pen  | b) Keyboard                |                                    |
| 5. Which one is output device.  | h) Moure   | c) Mouse  | d) Monitor                 |                                    |
| a) Printer<br>c) ROM  | b) Mouse   | <ul><li>5. Which one is output device.</li><li>a) Printer</li></ul> | b) Mouse                   |                                    |
| 6. Expansion of OMR   | d) Keyboard  | c) ROM  | d) Keyboard                |                                    |
| a) One Mark Reader  | b) Optical Mark Recognition  | 6. Expansion of OMR   | u) Keyboaru                |                                    |
| c) Optical Mark Reader  | d) Optical Menu Reader   | a) One Mark Reader  | b) Optical Mark            | Recognition                        |
|   | Section B $[2 \times 7 = 14]$  | c) Optical Mark Reader  | d) Optical Men             |                                    |
|   | er <b>ALL</b> the questions] $[2 \times 7 = 11]$   |   | Section B                  | $[2 \ge 7 = 14]$                   |
| 7. a) Discuss mainframe and super   | computers? [OR]  |   | er ALL the questions]      | []                                 |
| b) Explain mini and micro comp  |  | 7. a) Discuss mainframe and super of                                |                            | [OR]                               |
| 8. a) Explain the printers?   |  | b) Explain mini and micro compu                                     |                            |                                    |
| b) Explain various types of memo  | pry.   | 8. a) Explain the printers?   | [OR]                       |                                    |
|   | <b>Section C</b> [1 x 10 = 10]   | b) Explain various types of memo                                    | •                          |                                    |
|   | • ANY ONE question]  |   | Section C                  | $[1 \times 10 = 10]$               |
| 9. Explain generation of computers?   |  |   | ANY ONE question]          |                                    |
| 10. Explain various input devices?  |  | 9. Explain generation of computers?                                 |                            |                                    |
|   |  | 10. Explain various input devices?                                  |                            |                                    |

| Reg. | No: |
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| Reg. No:  | G.T.N.ARTS COLLEGE (Autonomous)         (Affiliated to Madurai Kamaraj University)         (Accredited by NAAC with 'B' Grade)         EVEN SEMESTER [2017-18]         INTERNAL ASSESSMENT TEST – I         Class       : III IT (A&B)         Paper Code       : SNT8A63         Title of the Paper       : Web Design   |
|---|---|
| Section A       [6 x 1 = 6]         [Answer ALL the questions]         [Answer ALL the questions]         I. HTML stands for  | Section A       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 x 1 = 6]         [Answer ALL the questions]       [6 yhpt]         [Answer all the questions] |
| Section B[2 x 7 = 14][Answer ALL the questions][Or]7. a) Describe Bold and italic tags with example? [Or]b)Describe <table> with an example?8. a) Discuss the limitations of JavaScript ?[OR]b) Explain various DataTypes in JavaScript?[OR]Section C[1 x 10 = 10][Answer ANY ONE question]9. Explain List and its types in detail?10. Explain the various classes of operators in JavaScript with example.</table> | Section B       [2 x 7 = 14]         [Answer ALL the questions]       [0 r]         8. a) Describe Bold and italic tags with example?       [0 r]         b)Describe <table> with an example?       [0 R]         b) Explain various DataTypes in JavaScript?       [0 R]         Section C       [1 x 10 = 10]         [Answer ANY ONE question]       9. Explain List and its types in detail?         10. Explain the various classes of operators in JavaScript with example.</table>   |

| Reg. No: |  |  |  |  |
|----------|--|--|--|--|
| Keg. No: |  |  |  |  |



Class

**G.T.N.ARTS COLLEGE (Autonomous)** (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) EVEN SEMESTER [2017-18] INTERNAL ASSESSMENT TEST - I Date: 19-02-2018 : III IT (A&B) : SNT8C61 Title of the Paper : **SOFTWARE ENGINEERING** 

Time: 12 to 1pm Max Marks: 30

Section A  $[6 \times 1 = 6]$ [Answer **ALL** the questions] 1. Product have extremely high reliability requirement and involves life end process is\_\_\_\_\_ a) Medium size project b) Large project c) Extremely large project d) Very large project 2. A\_\_\_\_\_ goal should reduce the cost of transaction by 25% a) Oualitative process b) Ouantitative process c) Qualitative product d) Quantitative product 3. Detail design specification, user manual and S/W verification plan through a) CDR b) ATR c) PRR d) SRR 4. Product complexity followed by\_ b) Estimated effort a) Time consuming d) Programmer level c) Duration month 5. staffing level estimation during the development project in No.Of personal required are a) Managing Quality product b) Processing level analysis c) Product consistency d) Not constant 6. \_\_\_\_\_ are relates the No. Of delivered lines of code to effort and development time a) Putnam b) Rayleigh Norden Curve c) Boehm's Methods d) Norden Curve Section B  $[2 \times 7 = 14]$ [Answer **ALL** the questions] 7. A) Explain the concept of Waterfall Model? [OR] B) Write a note on the Cost Model? 8. A) Explain about S/W cost techniques in Work Breakdown Structure? [OR] B) Details about Staffing level estimation Techniques? Section C  $[1 \times 10 = 10]$ [Answer **ANY ONE** question] 9. Explain in detail about S/W Product Quality and Productivity factors?

10. Explain in detail about Algorithm Cost Model?



Class

**G.T.N.ARTS COLLEGE (Autonomous)** (Affiliated to Madurai Kamaraj University) (Accredited by NAAC with 'B' Grade) **EVEN SEMESTER [2017-18]** INTERNAL ASSESSMENT TEST - I Date: 19-02-2018 : III IT (A&B) : SNT8C61 Paper Code Time: 12 to 1pm : SOFTWARE ENGINEERING Title of the Paper Max Marks: 30 Section A  $[6 \times 1 = 6]$ [Answer **ALL** the questions] 1. Product have extremely high reliability requirement and involves life end process is\_\_\_\_\_ b) Large project a) Medium size project d) Very large project c) Extremely large project 2. A\_\_\_\_\_ goal should reduce the cost of transaction by 25% a) Oualitative process b) Ouantitative process c) Qualitative product d) Quantitative product 3. Detail design specification, user manual and S/W verification plan through a) CDR b) ATR d) SRR c) PRR 4. Product complexity followed by b) Estimated effort a) Time consuming d) Programmer level c) Duration month 5. staffing level estimation during the development project in No.Of personal required are a) Managing Quality product b) Processing level analysis c) Product consistency d) Not constant 6. \_\_\_\_\_ are relates the No. Of delivered lines of code to effort and development time a) Putnam b) Rayleigh Norden Curve c) Boehm's Methods d) Norden Curve Section B  $[2 \times 7 = 14]$ [Answer **ALL** the questions] 7. A) Explain the concept of Waterfall Model? [OR] B) Write a note on the Cost Model?

8. A) Explain about S/W cost techniques in Work Breakdown Structure? [OR]

 $[1 \times 10 = 10]$ 

B) Details about Staffing level estimation Techniques?

# Section C

- [Answer ANY ONE question] 9. Explain in detail about S/W Product Quality and Productivity factors?
- 10. Explain in detail about Algorithm Cost Model?

| is  | Reg. No:       Image: Content of the Paper         G.T.N.ARTS COLLEGE (Autonomous)         (Affiliated to Madurai Kamaraj University)         (Affiliated to Madurai Kamaraj University)         (Accredited by NAAC with 'B' Grade)         EVEN SEMESTER [2017-18]         INTERNAL ASSESSMENT TEST – I         Class       : III IT (A&B)         Paper Code       : SNT8S62         Title of the Paper       : DATA MINING | Reg. No:  |  |  |  |
|---|--|---|--|--|--|
| is  | [Answer ALL the questions]   | [Answer ALL the questions]  |  |  |  |
| c)integrated       ()upward         2are partitions of the overall data warehouse         a) Data marts       () fact constellation         3. In Order to populate the data warehouse which of the following set of operations is appropriate?       () fact constellation         a) Refresh and load       () Create and edit         () Inserrat and delete       () Query and update         4. Which schema is also known as Galaxy Schema?       () All of the above         5is a bridge between the data warehouse and the decision support applications       () All of the above         5is a bridge between the data warehouse and the decision support applications       () All of the above         6formulates optimized SQL startements that it sends to the RDBMS server       () OLAP         () MOLAP       () Specialized SQL Server         SubSzplain about OLAP operations?       [OR]         b) Write a note on OLAP engine?       () All suft the about on OLAP engine?         8. a)Explain about Metadata and its Types       [1 x 10 = 10]         Startic C       [1 x 10 = 10]         [Answer ANY ONE question]       [1 x 10 = 10]         [Answer ANY ONE question]       [1 x 10 = 10]   | is   | 1.A DataWarehouse constructed by integrated multiple heterogeneous sources of database is |  |  |  |
| $2 \_ are partitions of the overall data warehouse a) Data marts b) server (a) Data marts b) server (b) schema d) fact constellation (b) Create and edit (c) Insert and delete d) Query and update (c) Insert and delete (c) Query and update (c) Insert and delete (c) Insert and$   | a) Data cube b)history   |   |  |  |  |
| <ul> <li>a) Data marks</li> <li>b) server</li> <li>c) schema</li> <li>d) fact constellation</li> <li>3. In Order to populate the data warehouse which of the following set of operations is appropriate?</li> <li>a) Refresh and load</li> <li>b) Create and edit</li> <li>c) Insert and delete</li> <li>d) Query and update</li> <li>4. Which schema is also known as Galaxy Schema?</li> <li>a) Star Schema</li> <li>d) All of the above</li> <li>fact Constellation</li> <li>fact Constellation</li> <li>d) All of the above</li> <li>fact Constellation</li> <li>fact Constellation</li> <li>fact Constellation</li> <li>fact Constellati</li></ul>  |  |   |  |  |  |
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| appropriate?       appropriate?         a) Refresh and load       b) Create and edit         c) Insert and delete       d) Query and update         4. Which schema is also known as Galaxy Schema?       a) Star Schema         a) Star Schema       b) Snowflake Schema?         c) fact Constellation       d) All of the above         5 is a bridge between the data warehouse and the decision support applications         a)Data mining       b) Data mart         c) Meta data       d) OLAP         6 formulates optimized SQL statements that it sends to the RDBMS server         a)OLAP       b) ROLAP         c)MOLAP       b) ROLAP         c)MOLAP       b) ROLAP         c)MOLAP       (Answer ALL the questions)         7.a)Explain Warehouse Schema?       [OR]         b) Write a note on OLAP engine?       [Answer ALL the questions?         b) Explain about OLAP operations? [OR]       b) Explain about OLAP operations? [OR]         b) Explain about Metadata and its Types       Section C         Section C       [1 x 10 = 10]         [Answer ANY ONE question]       [1 x 10 = 10]  |  |   |  |  |  |
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| 8.a)Explain about OLAP operations? [OR]       8.a)Explain about OLAP operations? [OR]         b) Explain about Metadata and its Types       b) Explain about Metadata and its Types         Section C       [1 x 10 = 10]         [Answer ANY ONE question]       [1 x 10 = 10]   |  |   |  |  |  |
| b) Explain about Metadata and its Types<br>Section C [1 x 10 = 10]<br>[Answer ANY ONE question] [1 x 10 = 10]<br>[Answer ANY ONE question]  |  |   |  |  |  |
| Section C $[1 x 10 = 10]$ Section C $[1 x 10 = 10]$ [Answer ANY ONE question][Answer ANY ONE question] $[1 x 10 = 10]$  |  |   |  |  |  |
| [Answer ANY ONE question] [Answer ANY ONE question]   |  |   |  |  |  |
|   |  |   |  |  |  |
| 9. Explain in detail about Multidimensional Data Model 9. Explain in detail about Multidimensional Data Model   | 9. Explain in detail about Multidimensional Data Model   |   |  |  |  |
| 10.Explain in detail about Data Warehouse backend Process? 10.Explain in detail about Data Warehouse backend Process?   | 10. Explain in detail about Data Warehouse backend Process?  |   |  |  |  |

| G.T.N.ARTS COLL<br>(Affiliated to Madura<br>(Accredited by NA<br>ODD SEMEST | Reg. No:  | (Affiliated to<br>(Accredited<br>ODD S                                  | Т   | <b>ty</b> )           |  |
|---|---|---|---|-----------------------|--|
| Section A   | [6 x 1 = 6 ]                                      |   | Section A                                 | [6 x 1 = 6]           |  |
| [Answer ALI   | the questions]                                    | [Ar<br>1. A Process has two essential units]                            | nswer ALL the questions]                  |                       |  |
| 1. A Process has two essential units<br>a) Branch and Loop by               | Program Flow Control and Execution                | a) Branch and Loop  | b) Program Flow Control and               | Execution             |  |
| a) Branch and Loop b)<br>c) Conditional and Control d)                      |   | <ul><li>a) Branch and Loop</li><li>c) Conditional and Control</li></ul> | d) ALE and MOV                            | Execution             |  |
| 2. A architecture refers to two o   | r more sets of instructions executing in parallel |   | s to two or more sets of instructions     | executing in parallel |  |
| pipelines.  | more sets of mountains encouring in paramet       | pipelines.  |   |                       |  |
|   | ) CISC  | a) Pipeline   | b) CISC                                   |                       |  |
|   | RISC  | c) Superscalar  | d) RISC                                   |                       |  |
| 3. A register holds the base address of                                     |   | 3. A register holds the base a  | address of the code memory segment.       |                       |  |
| a) Accumulator b)   | Data segment                                      | a) Accumulator  | b) Data segment                           |                       |  |
|   | Code segment                                      | c) SFRs   | d) Code segment                           |                       |  |
| 4. A is a processor core or chip fo   |   |   | e or chip for the applications that proce | ess digital signals.  |  |
|   | DSP   | a) DAC  | b) DSP                                    |                       |  |
| · · · · · · · · · · · · · · · · · · ·                                       | ADC   | c) CDA  | d) ADC                                    |                       |  |
| 5. Which one is byte manipulation instruction.                              |   | 5. Which one is byte manipulation in                                    |   |                       |  |
|   | AND   | a) Clear  | b) AND                                    |                       |  |
| · · · · · · · · · · · · · · · · · · ·                                       | OR  | c) MOV  | d) OR                                     |                       |  |
| 6. Expansion of GPP   |   | 6. Expansion of GPP   |   |                       |  |
|   | General Purpose Processor                         | a) General Produce Picture  |   |                       |  |
|   | General Pipe Processor                            |   | d) General Pipe Processor<br>Section B    | $[2 \times 7 = 14]$   |  |
| Section B   | $[2 \times 7 = 14]$                               |   | er ALL the questions]                     | [2 X / - 14]          |  |
| [Answer ALL the<br>7. a) Discuss detailed about S/W for device da           |   |   | or device drivers and device management   | ent in an OS?         |  |
|   | Ivers and device management in an OS?             | [OR]  | a device univers and device manageme      |                       |  |
| [ <b>OR</b> ]<br>b) Explain about SHARC?                                    |   | b) Explain about SHARC?   |   |                       |  |
| 8. a) Explain embedded SoC and use of VLSI                                  | circuit design technology? [OR]                   | / I   | se of VLSI circuit design technology?     | [OR]                  |  |
| b) Explain memory organization.   | incur design technology: [ON]                     | b) Explain memory organization.   |   | [~-•]                 |  |
| Section C   | $[1 \times 10 = 10]$                              |   | Section C                                 | $[1 \times 10 = 10]$  |  |
| [Answer ANY ON  | L 3   | [Answer   | r ANY ONE question]                       | _ *                   |  |
| 9. Explain embedded hardware units and devic                                |   | 9. Explain embedded hardware units and devices in a system?             |   |                       |  |
| 10. Explain 8051 microcontroller architecture?                              |   | 10. Explain 8051 microcontroller are                                    |   |                       |  |
| -   |   |   |   |                       |  |

| Reg. No:       G.T.N.ARTS COLLEGE (Autonomous)         (Affiliated to Madurai Kamaraj University)       (Affiliated to Madurai Kamaraj University)         (Accredited by NAAC with 'B' Grade)       EVEN SEMESTER [2017-18]         INTERNAL ASSESSMENT TEST – I       INTERNAL ASSESSMENT TEST – I         Class       : IIIT (A&B)       Date : 21.02.2018         Paper Code       : SNTGC41       Time : 12-1pm         Title of the Paper       : Relational DataBase Management Systems       Max Marks : 30  | Reg. No:       G.T.N.ARTS COLLEGE (Autonomous)         (Affiliated to Madurai Kamaraj University)       (Accredited by NAAC with 'B' Grade)         eEven       EVEN SEMESTER [2017-18]         INTERNAL ASSESSMENT TEST – I       INTERNAL ASSESSMENT TEST – I         Class       : II IT (A&B)       Date :21.02.2018         Paper Code       : SNTGC41       Time : 12-1pm         Title of the Paper       : Relational DataBase Management Systems       Max Marks : 30  |
|--|---|
| Section A       [6 x 1 = 6]         [Answer ALL the questions]       1.The system for making airline reservation.       a) IMS       b) SABER         c) MRP       d) ERP       2. A description of data in terms of a data model is called a       a) Records       b) Files         c) Schema       d) Attributes       3. A       is a minimal set of attributes whose values uniquely identify an entity in the set.         a) Domain       b) Tuple       c) Cardinality       d) Key         4.       allows us to indicate that a relationship set participates in another relationship set.         a) Weak Entity       b) Participation         c) Aggregation       d) Key Constraints         5. The degree, also called, of a relation is the number of fields.         a) Tuple       b) Domain | Section A       [6 x 1 = 6]         [Answer ALL the questions]         1.The  |
| <ul> <li>a) Type b) Domain</li> <li>c) Arity d) Cardinality</li> <li>6 TABLE modifies the structure of an existing table. <ul> <li>a) Create b) Alter</li> <li>c) Drop d) Insert</li> <li>Section B [2 x 7 = 14]</li> <li>[Answer ALL the questions]</li> </ul> </li> <li>7.a) Explain the advantages of a dbms. [OR] <ul> <li>b) Explain about various database design process?</li> </ul> </li> <li>8.a) What is Integrity Constraints?Define the terms primary key and foreign key constraints?. [OR] <ul> <li>b) Explain various relational algebra operations with example ? <ul> <li>Section C [1 x 10 = 10]</li> <li>[Answer ANY ONE question]</li> </ul> </li> <li>9. Explain Tuple Relational Calculus syntax with examples.</li> </ul></li></ul>   | c) Arity b) Domain<br>c) Arity d) Cardinality<br>6 TABLE modifies the structure of an existing table.<br>a) Create b) Alter<br>c) Drop d) Insert<br>Section B [2 x 7 = 14]<br>[Answer ALL the questions]<br>7.a) Explain the advantages of a dbms. [OR]<br>b) Explain about various database design process?<br>8.a) What is Integrity Constraints?Define the terms primary key and foreign key<br>constraints?. [OR]<br>b) Explain various relational algebra operations with example ?<br>Section C [1 x 10 = 10]<br>[Answer ANY ONE question]<br>9. Explain about Structure of a dbms with a neat diagram .<br>10. Explain Tuple Relational Calculus syntax with examples. |

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