

**SAY/IMPROVEMENT JUNE 2019**

**SUBJECT :COMPUTER APPLICATIONS(Commerce)**

**CODE SY 46**

| Qn No  | Sub Qns | Answer Key /Value Points   | Score                            | Total |
|--|---------|--|----------------------------------|-------|
| <b>PART A (Answer all questions from 1 to 5. Each carries 1 score)</b> |         |  |                                  |       |
| 1  |         | Traversal  | 1                                | 1     |
| 2  |         | abs()  | 1                                | 1     |
| 3  |         | document.write( ) OR write()   | 1                                | 1     |
| 4  |         | Constraints  | 1                                | 1     |
| 5  |         | ODOO   | 1                                | 1     |
| <b>PART B (Answer any 9 questions. Each carries 2 scores)</b>          |         |  |                                  |       |
| 6  |         | Initialisation Expression: count=1;<br>Test Expression: count<=N;<br>Body of the loop: sum=sum+count;<br>update expression: count++  | 1 / 2<br>1 / 2<br>1 / 2<br>1 / 2 | 2     |
| 7  |         | Correct explanation of cin and gets( ) like cin can't read white spaces, whereas gets( ) can read whitespaces.<br>(1 score each)   | 1+1                              | 2     |
| 8  |         | <!-- and -->   | 1 + 1                            | 2     |
| 9  |         | Correct explanation of <frameset><br>any 2 attributes of <frameset>  | 1<br>1/2 + 1/2                   | 2     |
| 10   |         | Correct explanation OR<br>Correct sample HTML code with cellspacing and cellpadding  | 2                                | 2     |
| 11   |         | Correct explanation OR<br>Correct sample code of any 2 methods to include scripts in HTML document   | 2                                | 2     |
| 12   |         | Correct explanation of Responsive web designing like<br>"It is building website suitable to work on every device"<br>or any 2 valid points   | 1+1                              | 2     |
| 13   |         | View definition like "virtual table"<br>Syntax of view creation in SQL   | 1<br>1                           | 2     |
| 14   |         | MIS short note with 2 points<br>(helps in decision making, communication, coordination and control, analysis and visualisation of an enterprise)   | 1+1                              | 2     |
| 15   |         | Definition of cyber forensics – process of using scientific knowledge for identifying, collecting, preserving, analysing and presenting evidence<br>Definition of infomania – state of getting exhausted with excess information | 1<br>1                           | 2     |

|   |             |  |             |   |
|---|-------------|--|-------------|---|
| 16  |             | Any two built in functions for string manipulation like strlen( ),strcat( ), strcmp( ), strcmpi( ), strev( ), gets( ), getline( ),get( ) (Listing 1/2 each)<br>OR<br>Example / Syntax of each can be given 1 score each  | 2           | 2 |
| <b>PART C (Answer any 9 questions. Each carries 3 scores)</b> |             |  |             |   |
| 17  |             | Correct explanation/example  | 1.5+1.5     | 3 |
| 18  |             | Definition of modular programming – The problem will be divided into smaller sub problems that can be solved by writing separate programs<br>Merits of Modular programming – reduce size, less chance of errors, reduce complexity, improves reusability .....<br>(Any 2 merits) | 1<br>2      | 3 |
| 19  |             | Correct program code (3 Score)<br>(Any 3 keywords like switch, break, case, default can be given 1.5 scores maximum)   | 3           | 3 |
| 20  | a<br>b<br>c | Definition of array – collection of elements of same type<br>Correct declaration/syntax<br>Correct C++ statement to store the string “welcome”   | 1<br>1<br>1 | 3 |
| 21  |             | Any 3 points related to DNS resolving(1 Score each)  | 1 + 1 + 1   | 3 |
| 22  | a<br>b      | Correct score – 2 Scores<br>(Mentioning <sup> - 1 Score)<br>Correct code ( &copy;);  | 2<br>1      | 3 |
| 23  |             | Correct names and explanations/examples of built in functions in javascript  | 1.5 + 1.5   | 3 |
| 24  |             | Correct explanation of shared, dedicated and VPS<br>(Listing 3 can be given 1.5 scores)  | 1+1+1       | 3 |
| 25  |             | Correct explanation of fundamental operations of relational algebra(1 + 1+ 1)<br>Any three listing – 1.5 Scores<br>Any 2 examples can be given 1.5 + 1.5   | 3           | 3 |
| 26  |             | Any three benefits of ERP (1 + 1+ 1)<br>any 2 related points on ERP can be given 1.5 +1.5  | 3           | 3 |
| 27  |             | Any 2 points related to RFID (1.5+1.5)   | 3           | 3 |
| <b>PART D (Answer any 2 questions. Each carries 5 scores)</b> |             |  |             |   |
| 28  | a           | Explanation/Example of any 2 lists (1 + 1)<br>( any 2 tags like <ol>, <ul>, <li>, <dl>, <dd>, <dt> can be given 2 scores)  | 1+1         | 5 |
|   | b           | Correct use of <ol><br>correct use of type attribute<br>correct use of start attribute   | 1<br>1<br>1 |   |

|    |   |  |   |   |
|----|---|--|---|---|
| 29 | a | Correct classification without explanation into 4 categories (any 2 with explanation can be given 2 score)   | 2 | 5 |
|    | b | Correct definitions of cardinality, schema, alternate key (1 score each)   | 3 |   |
| 30 | a | Correct answer with proper justification(1 + 1) (definition of primary key can be given 1 score)   | 2 | 5 |
|    | b | Correct Query<br>(update student set course='commerce' where name=Praveen';<br>OR<br>update student set course='commerce' where Adm_No=2011;)<br>Update only 1/2 score | 1 |   |
|    | c | Correct Query<br>(Select name,score from student where score>60;)<br>Select only 1/2 score   | 1 |   |
|    | d | Correct Query<br>(Delete from student where score<50;)<br>delete only 1/2 score  | 1 |   |


1. Baiju G S, S N V H S S, Nedunganda, TVM



2. Roy John, St. Aloysius H S S, Elthuruth, Thrissur



3. Afsal K A, G B H S S, Koyilandi, Kozhikkode



4. Binu Joseph, St. Ignatius H S S, Kanjiramattom, Ernakulam



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5. K V Sreejith, Raja's H S S, Chirakkal, Kannur

