BK BIRLA CENTRE FOR EDUCAT

SARALA BIRLA GROUP OF SCHOOLS
SENIOR SECONDARY CO-ED DAY CUM BOYS' RESIDENTIAL
MID-TERM EXAMINATION 2023-24
COMPUTER SCIENCE

Class : VII   **Duration : 2 Hrs**
Date : 16-10-2023   **Max. Marks : 50**
Admission No.: …………………   **Roll No.: …………..**

General Instructions:
1. *Please read the instructions carefully.*
2. *This Question Paper consists of 19 questions in two sections: Section A & Section B.*
3. *Section A has Objective type questions (MCQ, Fill in the blanks, Full form) whereas Section B contains Subjective type questions.*
4. *All questions of a particular section must be attempted in the correct order.*
5. ***SECTION A - OBJECTIVE TYPE QUESTIONS (20 MARKS):***
    i. *This section has 03 questions.*
    ii. *Marks allotted are mentioned against each question/part.*
    iii. *There is no negative marking.*
    iv. *Do as per the instructions given.*
6. ***SECTION B – SUBJECTIVE TYPE QUESTIONS (30 MARKS):***
    i. *This section has 16 questions.*
    ii. *A candidate has to do 12 questions.*
    iii. *Do as per the instructions given.*

SECTION A: OBJECTIVE TYPE QUESTIONS

I. Multiple Choice Questions: **(10 X 1 = 10)**

(1) In binary addition, $1 + 0$ equals to
    (a) 2   (b) 0   (c) 1

(2) Which of these is a not a hexadecimal number ?
    (a) ABGH   (b) CD23   (c) 12AB

(3) To convert decimal number into binary number, divide the number by
    (a) 2   (b) 8   (c) 10

(4) A …………….. resembles a fill-in-the-blank sheet.
    (a) Report   (b) Form   (c) Record

(5) …………………… is a quick way to find a set of data in a range.
    (a) Sorting   (b) Filtering   (c) Grouping

(6) We can add Form button in the ……………….. of the Excel Window.
    (a) Title Bar   (b) Quick Access Toolbar   (c) None of these

(7) A/An …………………. chart shows the trend of values over time or categories.
    (a) Bar   (b) Area   (c) Scatter

(8) Charts present data and information in a …………………. manner.
    (a) Scattered   (b) Unarranged   (c) Compact

(9) Shortcut key to print a chart is ……………..

      (a) Ctrl + F2   (b) Ctrl + P   (c) Ctrl + A

(10) An HTML document is saved with an extension …………….

      (a) .htm   (b) .html   (c) both (a) and (b)

II. Fill in the blanks :   (6 X 1 = 6)

(1) The most common number system is a ……………. number system.

(2) The base of octal number system is ………………..

(3) The data remains in an organized order in a ………………..

(4) …………………. is a way to filter data based on some specific conditions.

(5) A picture showing numeric data is called ………………

(6) Charts are easier to compare and ………………

III. Write the name of the following tags used in HTML :   (4 X 1 = 4)

(a)
       (b) <HR>   (c) <B>   (d) <P>

SECTION B: SUBJECTIVE TYPE QUESTIONS

IV. Short Answer questions : (Answer any six)   (6 X 2 = 12)

(1) What does a bit stand for ?

(2) The teacher has given an assignment to Sanjay on Binary Addition. He forgot the method of addition.

    Suggest him the method with the help of following example : $(111)_2 + (100)_2$

(3) What do you mean by sorting of data ?

(4) Define Data Consolidation.

(5) Write the steps to print a chart.

(6) How do you create and delete a chart in Excel ?

(7) Define Tags and Attributes.

(8) Explain the structure of an HTML document.

V. Long Answer questions : (Answer any six)   (6 X 3 = 18)

(1) State the use of number system.

(2) Convert following decimal number $(25)_{10}$ into binary number.

(3) List any three advantages of database.

(4) Define field and record.

(5) Write any three advantages of chart.

(6) Explain the following charts with diagram:

   (a) Column chart   (b) Line chart   (c) Pie chart

(7) What is HTML ? Write any two features of HTML.

(8) Riya created an HTML document and saved it as "Riya". When she tried to open the file in a web browser, she could not view the web page. Suggest her the proper way to save an HTML document. Also suggest, how is an HTML document viewed in a web browser ?

************* ALL THE BEST *************