

SCHOOL-BASED ASSESSMENT (SBA) - 2025

END-OF-YEAR ASSESSMENT

SUBJECT: COMPUTER SCIENCE

GRADE-8

FINAL TERM

[Paper A: 48 Marks, Paper B: 52 Marks, Total: 100 Marks], Time = 3 hours

School Name: _____

Student Name : _____ Roll Number : _____ Section : _____

OBJECTIVE PART(MCQs)

Question No.1 : Emerging Technology is referred as:

- (a) Computer Technology (b) New Technology
(c) Old Technology (d) Applied Technology

Question No.3 : Identify the maximum frequency of the infrared spectrum.

- (a) 300 THz (b) 400 THz (c) 500 THz (d) 600 THz

Question No.5 : Rows in MS Excel worksheet are arranged:

- (a) Vertically (b) Horizontally (c) Diagonally (d) Central

Question No.7 : Max function will return number:

- (a) Central (b) Average
(c) Minimum (d) Maximum

Question No.9 : By default, the name of a Google Sheets workbook is:

- (a) Default spreadsheet (b) New spreadsheet (c) Untitled Spreadsheet (d) Spreadsheet

Question No.11 : Select a valid function for Google Sheets.

- (a) = Sum(a1 : c2) (b) A1 + B2
(c) A1, B2 (d) = sum A1, B2

Question No.13 : The last step of the algorithm is expressed as:

- (a) Start (b) Finish (c) Stop (d) Break

Question No.15 : When you write a program, you can easily convert pseudocode into _____ code.

- (a) Small (b) Big (c) Actual (d) Common

Question No.17 : In a program, to show condition within condition we use:

- (a) if (b) if-else (c) if-else-if (d) Nested if

Question No.19 : Non-textual labguage is:

- (a) GW Basic (b) C (c) C++ (d) Scratch

Question No.21 : The block for making non-stop background music is:

- (a) Nested (b) Forever (c) Repeat (d) Repeat untill

Question No.23 : Cloning capability in Scratch allow you to:

- (a) Run project faster (b) Create a duplicate sprite
(c) Delete the original sprite (d) Change the background

Question No.25 : The term "Internet surfing" was introduced in:

- (a) 1990 (b) 1992 (c) 1994 (d) 1996

Question No.27 : A software that interrupts a computer's regular operation is known as:

- (a) Virus (b) Antivirus (c) Hardware (d) Program

Question No.2 : Small geographical area network is known as:

- (a) LAN (b) MAN
(c) WAN (d) Bluetooth

Question No.4 : In Microsoft Excel spreadsheets, rows are designated as:

- (a) 1,2,3.. (b) A,B,C... (c) A1,B1,C1.. (d) I, II, III..

Question No.6 : The first software to feature a toolbar is:

- (a) MS Word (b) MS Excel (c) MS Power Point (d) MS Access

Question No.8 : Google sheets are very helpful for:

- (a) Data storage (b) Offline work
(c) Paper work (d) Online work

Question No.10 : The function that will return the highest value in a given range is:

- (a) = COUNT (b) = MIN
(c) = AVERAGE (d) = MAX

Question No.12 : Breaking down a bigger problem into smaller parts is known as:

- (a) Decomposition (b) Pattern recognition
(c) Abstraction (d) Algorithm design

Question No.14 : What is the main challenge associated with the concept of halting?

- (a) Slower algorithms (b) program will stop or run forever
(c) Code with fewer errors (d) Improving interface design

Question No.16 : Valid condition for an if statement is:

- (a) if > 5 x: (b) if x > 5 and: (c) if (x > 5) print("Valid"); 3: (d) if x > 5 or y < 3:

Question No.18 : A set of instructions is called:

- (a) Data (b) Information
(c) Program (d) Language

Question No.20 : The meaning of term loop in programming is:

- (a) A type of function (b) A way to repeat a block of code
(c) A method of sorting data (d) A data structure

Question No.22 : To save a new project in Scratch, you should click on:

- (a) Load (b) File (c) Create (d) Insert

Question No.24 : Step by step approach for solving a problem is called:

- (a) Abstraction (b) Pattern (c) Algorithm (d) Searching

Question No.26 : Internet helps customers to contact companies:

- (a) 6/7 (b) 12/7 (c) 18/7 (d) 24/7

Question No.28 : The virus that pretends to be a legitimate program is:

- (a) Worm (b) Trojan (c) Spyware (d) Ransomware

Question No.29 : Sending money after purchasing something is known as:

- (a) Selling (b) Payment (c) Sharing (d) Storing

Question No.31 : Select the platform used by more female users than males for advertising their products.

- (a) Blogs (b) Twitter (c) Instagram (d) LinkedIn

Question No.30 : Social media marketing is a key component of:

- (a) Email marketing (b) Mobile marketing
(c) Analog marketing (d) Digital marketing

Question No.32 : The type of marketing in which advertising is done through apps and text messages is:

- (a) Email marketing (b) Mobile marketing
(c) Content marketing (d) Video marketing

SUBJECTIVE PART(CRQs)

Question No: 33

- a) In MS Excel, write the Sum and Average function If A1=15 and A2=18 and also write their correct output. (5 Marks)**
b) Write the three differences between the workbook and the worksheet. (5 Marks)

Question No: 34

- a) Write down five applications of Google sheets. (5 Marks)**
b) Define function and write down any three examples of functions. (5 Marks)

Question No: 35

- a) Write an algorithm to make tea. (5 Marks)**
b) Explain Simple and Complex Problems with an example. (5 Marks)

Question No: 36

- a) Write a program that checks if a given number is positive or negative. (6 Marks)**
b) Write down the steps to resize column width in MS Excel. (6 Marks)

Question No: 37

- a) Define online transaction fraud, and write down its three types. (5 Marks)**
b) Define digital marketing, and write any three components of the digital marketing plan. (5 Marks)