SCHOOL-BASED ASSESSMENT (SBA) - 2025
END-OF-YEAR ASSESSMENT
SUBJECT: COMPUTER SCIENCE

FINAL TERM

GRADE-8

[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 reffered as:
(a) Computer Technology   (b) New Technology
(c) Old Technology   (d) Applied Technology

Question No.2 : Small geographical area network is known as:
(a) LAN   (b) MAN
(c) WAN   (d) Bluetooth

Question No.3 : Waves that only travel in a straight line are called:
(a) WI-FI Waves   (b) Radio Waves
(c) Micro Waves   (d) Bluetooth Waves

Question No.4 : Microsoft Excel helps us in:
(a) Grammer   (b) Calculations   (c) Algebra   (d) Drawing

Question No.5 : The output of following statement =ABS(-4) will be:
(a) -4   (b) +4   (c) 4   (d) 0.4

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.7 : Choose the correct syntax of the SUM function in a spreadsheet:
(a) $= SUM(A1 : A10)$ (b) $= SUM(A1*A10)$
(c) $= SUM(A1 + A10)$ (d) $= SUM(A1 = 10)$

Question No.8 : Free online web-based spreadsheet application is:
(a) Google Sheets   (b) Microsoft Excel Online
(c) Zoho Sheet   (d) OnlyOffice Spreadsheet

Question No.9 : A software that is used in online mode as well as offline mode:
(a) Google sheets   (b) MS Excel
(c) OpenOffice   (d) Libreoffice

Question No.10 : In a spreadsheet, the formula always starts with:
(a) $=$ (b) ((c))   (d) /

Question No.11 : In a spreadsheet, the formula for multiplying two cells together is:
(a) $C1*C2$ (b) $= C1*C2$
(c) $Mul(C1; C2)$ (d) $Multiply(C1 : C2)$

Question No.12 : The process of finding similarities within the problems is called:
(a) Decomposition   (b) Pattern recognition   (c) Abstraction   (d) Algorithm design

Question No.13 : The symbol to show the start of a flowchart is:
(a) Oval   (b) Diamond   (c) Circle   (d) Rectangle

Question No.14 : The recommended directions for flow lines in a flow chart are:
(a) Right to left   (b) Top to bottom and left to right   (c) Diagonal   (d) Bottom to top

Question No.15 : To save a document, the short-cut key is:
(a) CTRL+S   (b) CTRL+C
(c) CTRL+P   (d) CTRL+X

Question No.16 : How many else blocks can be present in an if-then-else statement?
(a) One   (b) Two   (c) Multiple   (d) Unlimited

Question No.17 : Valid condition for an "if" statement is:
(a) 5 + 3   (b) x > 10
(c) "Hello"   (d) Name()

Question No.18 : Scratch language is developed by:
(a) MIT Lab   (b) Microsoft   (c) Apple   (d) IBM

Question No.19 : Non-textual labguage is:
(a) GW Basic   (b) C   (c) C++   (d) Scratch

Question No.20 : Infinite loop repeats:
(a) One time   (b) Two times   (c) Multiple times   (d) Forever

Question No.21 : The block for making non-stop background music is:
(a) Nested   (b) Forever   (c) Repeat   (d) Repeat untill

Question No.22 : The block for moving sprites around the stage is:
(a) Motion   (b) Sound   (c) Variable   (d) Events

Question No.23 : For which Scratch block the statement 'Green flag is clicked' is relevant.
(a) Event   (b) Control   (c) Sensing   (d) Look

Question No.24 : Internet is also called the network of:
(a) Computers   (b) Networks   (c) Transmission   (d) Information

Question No.25 : Copyright law can be defined as:
(a) Unauthorised way to copy data   (b) Agreement to share content
(c) Right to copy someone else's work   (d) Exclusive right to reproduce a work

Question No.26 : For accessing internet banking, you need:
(a) Bank ATM card   (b) Bank app and login
(c) Bank passbook   (d) Bank chequebook

Question No.27 : The malware that makes files inaccessible by disabling them is called:

(a) Spyware   (b) Ransomware   (c) keylogger   (d) Trojan horse

Question No.28 : The Inappropriate use of computers is:

(a) Palying game on computer   (b) Sending spam emails

(c) Doing company's work   (d) Browsing on computer

Question No.29 : Buying or selling something is called:

(a) Storing   (b) Transaction   (c) Payment   (d) Sharing

Question No.30 : SEO is the abbreviation of:

(a) Search Engine Optimal   (b) Search Engine Optimisation

(c) Social Engine Optimal   (d) Social Engine Optimisation

Question No.31 : Select the option that is not a social media platform.

(a) Facebook   (b) Twitter   (c) Google   (d) Instagram

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) Define cell and cell range, and write down the method of choosing a range of cells. (5 Marks)

b) Write down the names of any five ribbon tabs in MS Excel. (5 Marks)

Question No: 34

a) Explain why Google sheets are better than other spreadsheet software and provide five reasons. (5 Marks)

b) Write formulas for the total bill and the cheapest item in terms of subtotal according to the given sheet. (5 Marks)

A	B	C	D	E	F
#	Item	Qty	Price	Subtotal	
1	Mango	9	30	270	Total Bill
2	Orange	8	20	160	Cheapest Item in term of Subtotal
3	Banana	12	10	120	Most Expensive Item in term of Subtotal

Question No: 35

a) Define the algorithm, and write down any three rules for writing the algorithm. (5 Marks)

b) Define the flowchart, and write down any three symbols name used in the flowchart. (5 Marks)

Question No: 36

a) Define scratch, and write down any four advantages of scratch. (6 Marks)

b) Enlist any six categories of blocks from scratch. (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)