GREENLAWNS HIGH SCHOOL

TERMINAL EXAMINATION 2022

COMPUTERS

STD : 8TH A,B,C

MARKS : 60 TIME : 1.5 HOURS

NOTE : WRITE ALL THE ANSWERS ON THE ANSWER SCRIPT

I. MULTIPLE CHOICE QUESTIONS (8 MARKS)

a) _____ is an open source OS

i) Windows ii) Mac

iii) Linux iv) DOS

b) Which among the following system uses two or more CPUs within a single computer system ?

i) Multiprocessor System ii) Multi Tasking system

iii) Time Sharing System iv) Batch Processing System

c) Use the shortcut key _____ to insert a new sheet in Excel.

i) Alt + Ctrl + F1 ii) Alt + Shift + Esc

iii) Alt + Shift + Ctrl iv) Alt + Shift + F1

d) _____ chart is also called star chart

i) Stock ii) Bubble

iii) Radar iv) XY scatter

e) _____ is the process of repeatedly executing a group of statements.

i) Grouping ii) Controlling

iii) Looping iv) Designing

f) _____ show the flow of control in flowcharts

i) Symbols ii) Arrows

iii) Start iv) Connector

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g) Which among the following works by grouping together similar type of jobs before submitting it to the CPU ?
   i) Time Sharing System   ii) Time System
   iii) Batch Processing System   iv) Multi tasking System

h) _____ is a part of chart area which contains the chart.
   i) Data Series   ii) Data Label
   iii) Data Point   iv) Plot Area

II. Write the formula for the following :   (3 MARKS)
   a) Add all the cells from A1 to A5 (using function)
   b) Multiply all the B3,B6,C9 (using operator)
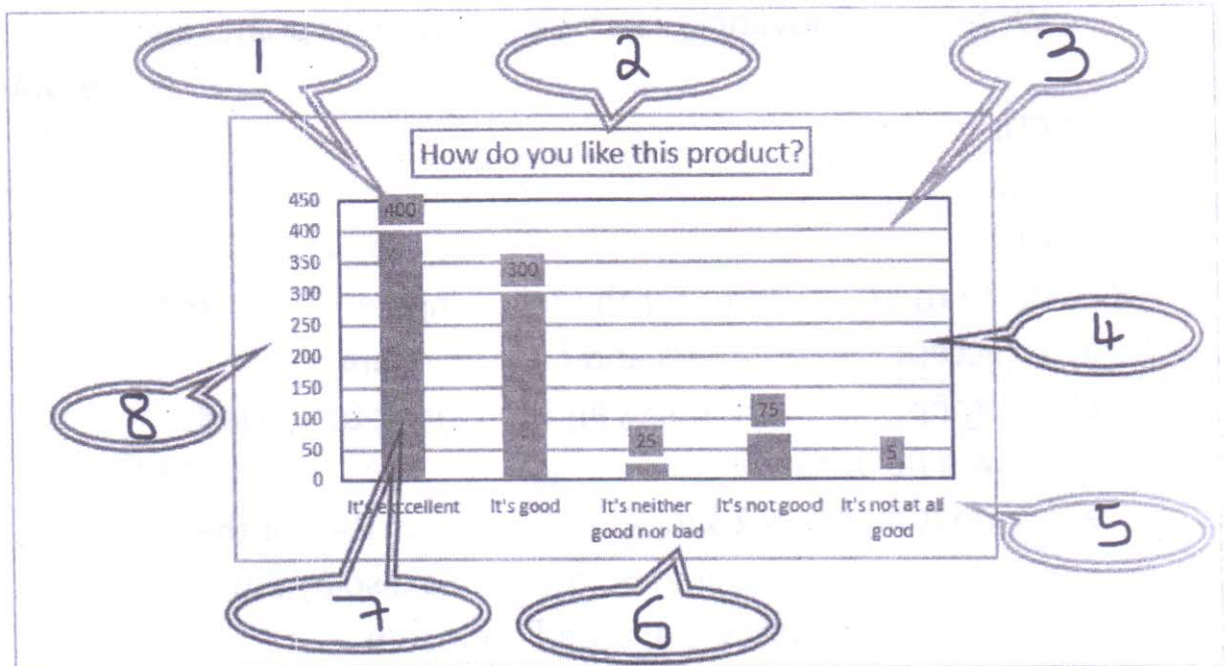   c) Add the cells F5,G8 and H9 (using operator)

III. Name the following :
   a) Full form of POST   (1 MARK)
   b) Flowchart symbol for Input/Output (Name of the symbol not the diagram)   (1 MARK)
   c) Reference in Ms Excel that makes the cell reference fixed
                                                             (1 MARK)
   d) Full form of CUI   (1 MARK)
   e) This is a variation of the XY scatter plot   (1 MARK)
   f) Two examples of Distributed Operating System   (2 MARKS)

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IV. Write the result of evaluating the following expressions in Excel :

(5 MARKS)

a) = 9 + 15/3
b) = (36+4)/10*3
c) = 18*3 + 4
d) = 48/12 + 6 – 10
e) =24-10*2

V. Answers the questions based of the Chart given :

a) Identify component no 3,4 and 7   (3 MARKS)
b) Identify the type of chart   (1 MARK)
c) What is the use of component 2   (1 MARK)
d) Name the component 1 and write its use   (2 MARKS)

VI. What activities/tasks does the Operating System does/perform for the following : (2 points each)   (8 MARKS)

   a) File Management
   b) Processor Management
   c) Memory Management
   d) Device Management

VII. Explain four advantages of a flowchart.   (4 MARKS)

VIII. Differentiate between : (w.r.t definition)   (4 MARKS)
   a) Single User Operating System and Multi User Operating System
   b) Data point and Data series

IX. Write the disadvantages of the following (2 points each)   (6 MARKS)

   a) CUI
   b) Algorithm
   c) GUI

X. Write the Algorithms for the following :   (4 MARKS)
   a) To accept two numbers and find their sum
   b) To accept time in minutes and convert it to seconds

XI. Draw a flowchart   (4 MARKS)
   a) To input marks in 2 subjects and display PASS if the average is greater than or equal to 35 otherwise display FAIL.
   b) To input two numbers and find their sum

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