

Zonal Education office - Jaffna

Practice examination for ICT results improvement of grade 11 students
ICT Chapters included 5 & 7 of grade 10

Time – 1hour

- ❖ Answer all the questions
- ❖ Underline the most Suitable or Correct answer

- 01) Which is the most common, free and open source operating system using in mobile phones?
1. Symbian
 2. iOS (iPhone OS)
 3. Windows 10
 4. Android
- 02) When you switch on the computer, what is the name of process checking all the devices are in working condition?
1. BIOS
 2. CMOS
 3. POST
 4. MBR
- 03) **WIMP** Means?
1. Window Icon Menu Pointer.
 2. Window Menu Icon Pointer.
 3. Window Pointer Menu Icon.
 4. Pointer Window Menu Icon.
- 04) **FAT 32, ext4, Reiser FS, APFS** are file systems. Select the correct order of operating system for given file systems?
1. Windows, Linux, Linux, Mac OS
 2. Linux, Windows, Linux, Mac OS
 3. Linux, Windows, Mac OS, Unix
 4. Linux, Mac OS, Unix, Windows
- 05) Which is **not a characteristic** of a file?
1. Read
 2. Hidden
 3. Write
 4. Archive
- 06) Which of the following are correct cell addresses?
- A. GH5 B. \$ G \$ H5 C. GH5\$ D. \$ GH5
1. A, B
 2. A, D
 3. B, C
 4. A, C
- 07) Amalan's weekend activities are, Spend 30% of time on reading books, spend 50% of time in playing and spend 20% of time in hearing songs select the correct graph to this scenario?
1. Line chart
 2. Bar chart
 3. Pie chart
 4. Scatter chart
- 08) Which is **not an electronic spreadsheet**?
1. Open office calc
 2. Lotus 1-2.3
 3. Open office impress
 4. Libre office calc

09) How many default work sheets in spread sheet applications?

1. 05 2. 03 3. 01 4. 02

10) Cell address \$ A1/\$B\$15 found in cell C16 of a spread sheet. When this cell address copy to the cell D, cell address will appear?

1. =\$ A1/SB \$15 2. = \$ A1 /\$D\$15 3. = \$ D1 / \$A\$15 4. =\$ A1/\$ BS 16

(10 x 2 1/2 =25 புள்ளிகள்)

PART - II

Answer all three questions.

Each question carries 25 marks each.

1) i. State three functions of operating system, Explain one function

4 Marks

ii. What are the types of System software, give one example for each one

3 Marks

iii. Give the steps of computer start up process

5 Marks

iv. State the vendors of the operating systems given below

a. Mac OS

b. Android

c. Windows

d. Symbian

4Marks

v. What do you mean by translator, give one example?

2Marks

vi. Give three utility software which are relying on operating system

vii. State the file extensions for file types given below

a. Executable

b. Access

c. Power point

d. Word

4Marks

Total 25 Marks

2) Answer the following questions using given part of spread sheet that provides **salary Particulars of James Organization.**

	A	B	C	D	E	F	G	H	I
1	Emp Id	Name	Basic Salary	Allowance	Gross salary	Deduction	Net salary		
2	E001	Mahes	34000	5100	39100	3400	35700		
3	E002	Thasan	45000	6750	51750	4500	47250		
4	E003	Kiruba	31000	4650	35650	3100	32550		
5	E004	Roshan	36000	5400	41400	3600	37800		
6	E005	Thavam	23000	3450	26450	2300	24150		
7	E006	Keethan	29500	4425	33925	2950	30975		
8	E007	Senthan	32300	4845	37145	3230	33915		
9	E008	Karthees	43000	6450	49450	4300	45150		
10	E009	Raina	34000	5100	39100	3400	35700		
11	E010	Jegan	28500	4275	32775	2850	29925		
12	Total Basic Salary		336300						
13	Average Basic Salary		33630						
14									
15									
16									

- i. **Allowance is 15% of Basic salary.** Write the Formula in cell D2 to calculate the Allowance of Mahes? **(3Marks)**
- ii. Write the steps to calculate others Allowances? **(4Marks)**
- iii. Gross salary is calculated by adding Basic salary and Allowances. Write the formula in cell E2 to calculate the Gross Salary ? **(3Marks)**
- iv. **Deduction is 10% of Basic salary.** Write the formula in cell F2 to calculate the Deduction? **(3Marks)**
- v. Net salary is calculated by subtract deduction from Gross salary. Write the formula in G2 to calculate the Net Salary. **(3Marks)**
- vi. Write the method to display Total Basic Salary like in cell A12? **(3Marks)**
- vii. Write the function in cell C12 to calculate Total Basic salary? **(3Marks)**
- viii. Write the function in cell C13 to calculate Average Basic Salary? **(3Marks)**

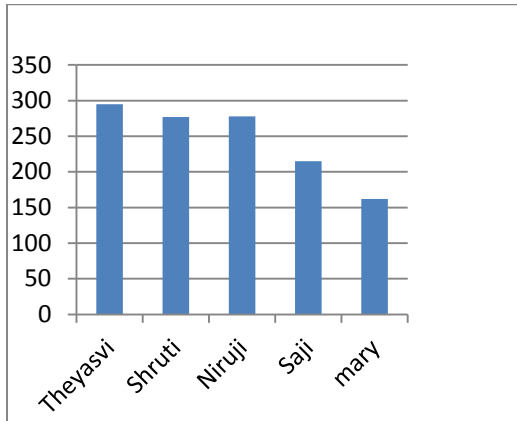
Total 25 Marks

3. Answer the following questions using given part of spread sheet that provides **Marks sheet of grade 11 students.**

	A	B	C	D	E	G	H	I
1	SNO	Name	Science	Maths	ICT	Total	Average	Rank
2	1	Theyasvi	98	100	97	--	--	
3	2	Regina	90	98	89	--	--	
4	3	Niruji	90	90	98	--	--	
5	4	Sara	60	76	79	--	--	
6	5	mary	50	45	67	--	--	
7	Highest				--			
8	Lowest		--					

- Write the formula in G2 to calculate the average marks of Theyasvi?
(3Marks)
- Write the formula in H2 to calculate the average marks of Theyasvi?
(3Marks)
- Do the Rank calculation according to the average of student?
(4Marks)
- Write the formula on cell C7 to calculate the highest marks of Science?
(3Marks)
- Write the formula on cell C8 to calculate the lowest Marks of Science ?
(3Marks)

The chart shows total marks of every student.



- The graph shows the connection between student name and the total marks. Write the steps to get the above graph
(3Marks)
- Write Keyboard shortcut to get the above graph
(3Marks)
- Write the name of graphs other than given above
(3Marks)