



# Jaffna Hindu College

First Term Evaluation Exam - 2022

Grade - 08

Information & Communication Technology

Time: 2 Hours

Name / Index No. ....

Answer all questions in this sheet.

## Part I

1) Which port use to connect Monitor?

1. Parallel port                      2. VGA port                      3. Serial port                      4. RJ-45 port

2) The capacity of Floppy Disk is

1. 4.7 MB                      2. 1.44 GB                      3. 1.44 MB                      4. 4.7 GB

3) Which Decimal number equivalent to Binary  $101110001_2$

1. 365                      2. 369                      3. 367                      4. 368

4) Consider the following statements,

- A – Scanner is an output device.  
B – Inkjet printer is an impact type of printer.  
C – Magnetic tape is secondary storage.

Which of the above statements isn't / aren't **true**?

1. A and B                      2. B and C                      3. A and C                      4. All of the above

5) The term Megabyte refers to

1. 1024 bytes                      2. 1024 kilobytes                      3. 1024 megabytes                      4. 1024 gigabyte

6) VGA Stands for

1. Video Graphics Access                      2. Visual Graphics Access  
3. Video Graphics Adaptor                      4. Visual Graphics Adaptor

7) Example for Application Software

1. Word                      2. Ubuntu                      3. Mac OS                      4. All of above

8) Which of the following is used as ink source in Laser printer?

1. Cartridge                      2. Toner                      3. Ribbon                      4. Ink

9) Which Binary number equivalent to Decimal 699?

1.  $1110010101_2$                       2.  $1110010101_2$                       3.  $1010111011_2$                       4.  $1100011011_2$

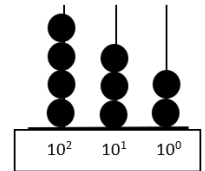
10) Light pen is considered as

1. Input device      2. Out Put device      3. Storage device      4. Communication device

11) Which port is used to Connect the Keyboard

1. PS/2                      2. UPS                      3. P/S2                      4. USP

- 12) What is the Binary value of the Decimal counting frame?  
 1.  $110110001_2$       2.  $110110000_2$       3.  $110110100_2$       4.  $110110110_2$



- 13) Consider the number " $101_x$ " where the "X" is the base of the number system. Which of the following number system(s) can the number " $101_x$ " belong to?  
 1. Binary only      2. Hexadecimal only  
 3. Octal only      4. Either Binary, Hexadecimal or Octal

- 14) Which port transfer the both Audio and Video data  
 1. DVI port      2. VGA port      3. HDMI port      4. eSata port

- 15) What are the two main problems that you might face when using the computer?  
 1. financial and language problems      2. mathematical and hardware problems  
 3. hardware and software problems      4. software and language problems

- 16) Which is an example for a simple hardware problem?  
 1. Interface does not work  
 2. Monitor does not work  
 3. Takes longer time to start  
 4. Main memory contains less space

- 17) The port to which the monitor cannot be connected is  
 1. DVI port      2. VGA port      3. USB port      4. HDMI port

- 18) What is the meaning of ".pdf" in "ict.pdf".  
 1. File name      2. File size      3. File location      4. File extension

- 19) What is the most and least value of numbers 4, 9, 6  
 1. 694, 496      2. 964, 469      3. 946, 496      4. 964, 496

- 20) What is the expansion of "Bit"  
 1. Binary Information Technology      2. Basic Information Technology  
 3. Basic Digit      4. Binary Digit

**(20\*2= 40 Marks)**

**Part II**

**Answer all questions.**

**01)**

- 1) Write two main functions of a computer?

.....  
 .....

- 2) Write two examples for hardware problems?

.....  
 .....

- 3) Write two attributes of a file?  
.....  
.....
- 4) Write two examples for application software?  
.....  
.....
- 5) Write down two importance of setting time and time zone to your computer?  
.....  
.....
- 6) Write examples for input devices?  
.....  
.....
- 7) Write two examples for USB connecting devices?  
.....  
.....
- 8) Write two methods of file searching?  
.....  
.....
- 9) Write 2 examples for octal numbers?  
.....  
.....
- 10) Which number system understand by a computer?  
.....  
.....

**(10\*2=20 Marks)**

**02)**

**1) Convert the decimal to binary.  
(Must mention the base value)**

**2) Convert the binary to decimal.**











- 1) 39 : .....
- 2) 75 : .....
- 3) 227 : .....
- 4) 496 : .....
- 5) 481 : .....
- 6) 682 : .....
- 7) 876 : .....
- 8) 1635 : .....
- 9) 1170 : .....
- 10) 2184 : .....

- 1)  $10110_2$  : .....
- 2)  $11110_2$  : .....
- 3)  $1110010_2$  : .....
- 4)  $110001110_2$  : .....
- 5)  $101001110_2$  : .....
- 6)  $1100101011_2$  : .....
- 7)  $1100011110_2$  : .....
- 8)  $1001101110_2$  : .....
- 9)  $10011001100_2$  : .....
- 10)  $10001100110_2$  : .....

**(10\*2= 20 Marks)**

03) Choose the correct port name from the list and give one example for connecting devices.

( HDMI, VGA, USB, Parallel, eSata, Micro USB, Audio port, PS/2, RJ-45 Ethernet, DVI)

PORT	NAME OF PORT	CONNECTING DEVICES
		
		
		
		
		
		
		
		
		
		

(20\*1= 20 Marks)