

## 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 1011100012
  - 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

Agaram.LK - Keep your dreams alive!

- 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. 11100101012
- 2. 1110010101<sub>2</sub>
- 3. 10101110112
- 4. 11000110112

- 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



	What is the Binary valu		•	4 110110110		
1	. 110110001 <sub>2</sub>	2. 110110000 <sub>2</sub>	$3.110110100_2$	4. 110110110 <sub>2</sub>		
V 1	13) Consider the number "101 <sub>x</sub> " where the "X" is the base of the number system.  Which of the following number system(s) can the number "101 <sub>x</sub> " 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 poi	t 4. eSata port		
	What are the two main omputer?	problems that you	ı might face when us	ing the		
<ol> <li>financial and language problems</li> <li>hardware and software problems</li> </ol>			<ul><li>2. mathematical and hardware problems</li><li>4. software and language problems</li></ul>			
<ul> <li>16) Which is an example for a simple hardware problem?</li> <li>1. Interface does not work</li> <li>2. Monitor does not work</li> <li>3. Takes longer time to start</li> <li>4. Main memory contains less space</li> </ul>						
1 <i>7</i> ) T	he port to which the	nonitor connot bo	connected is			
	The port to which the r. DVI port	2. VGA port	3. USB port	4. HDMI port		
18) V	What is the meaning of	".pdf" in "ict.pdf	». CIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			
1	. File name	2. File size	3. File location	on 4. File extension		
19) V	What is the most and le	east value of numb	pers 4, 9, 6			
	. 694, 496	2. 964, 469	3. 946, 496	4. 964, 496		
20) What is the expansion of "Bit"  1. Binary Information Technology  3. Basic Digit  2. Basic Information Technolo 4. Binary Digit						
		Pa	rt II	( 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	inswer all questions.					
<b>01</b> ) 1)	Write two main fun	-				
2)	Write two examples for hardware problems?					

Agaram.LK - Keep your dreams alive!



2

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?					
	agara	(10*2=20 Marks)				
· ·	nvert the decimal to binary. t mention the base value)	2) Convert the binary to decimal.				
	1) 39 :	1) 10110 <sub>2</sub> :				
	2) 75 :	2) 11110 <sub>2</sub> :				
	3) 227 :	3) 1110010 <sub>2</sub> :				
	4) 496 :	4) 110001110 <sub>2</sub> :				
	5) 481 :	5) 101001110 <sub>2</sub> :				
	6) 682 :	6) 1100101011 <sub>2</sub> :				
	7) 876 :	7) 1100011110 <sub>2</sub> :				
	8) 1635:	8) 1001101110 <sub>2</sub> :				
	9) 1170:	9) 10011001100 <sub>2</sub> :				
	10) 2184 :	10) 10001100110 <sub>2</sub> : (10*2= 20 Marks)				

Agaram.LK - Keep your dreams alive!



- 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
	alalli.li	

(20\*1=20 Marks)

Agaram.LK - Keep your dreams alive!

