



JAFFNA HINDU COLLEGE

First Term Exam - 2023

Grade :- 8

Information and Communication Technology

Time : 2.00 Hours

Name / Index No :

Part I

01. What is the binary number that is equivalent to the decimal number 28?

1. 10001_2

2. 11011_2

3. 11100_2

4. 11101_2

02. What is the binary number that; is equivalent to decimal number 964

1. 1110110000_2

2. 1111000100_2

3. 1011011111_2

4. 1001000111_2

03. Which of the following can be an octal number?

1. E3

2. 168

3. 126

4. 297

04. Which of the following is the correct number format?

1. 7_{08}

2. A_{116}

3. 5_{710}

4. All of the above

05. What is the decimal number that is equivalent to the binary number 101101001?

1. 364

2. 360

3. 363

4. 361

06. Father's age is 43, and his son's age is 8.what is the age difference between both of them?

1. 100011_2

2. 110011_2

3. 101011_2

4. 100010_2

07. What is the meaning of “.docx” in paper.docx?

1. File name

2. File size

3. File location

4. File extension

08. The most suitable ports to connect a monitor to the computer are

1. eSata and USB port

2. DVI and USB port

3. VGA and HDMI port

4. PS/2 and VGA port

09. Which of the following devices uses eSata port?

1. Keyboard/ Mouse

2. HD speaker

3. Monitor

4. External storage devices

10. In which of the following ports can a computer be connected to the printer?

1. USB

2. PS/2

3. VGA

4. DVI

11. Which port is used to connect the television to a laptop?

1. VGA port

2. DVI port

3. HDMI port

4. USB port

12. Which of the following software is application software?

1. VLC player

2. Chess game

3. Google chrome

4. All of the above

13. Which of the following problems is related to application software?

1. displaying a blank desktop screen

2. Not being responsive to user commands

3. monitor does not display

4. Slow in starting the computer

14. What is the tool used to remove unnecessary files from the hard disk?

1. Disk cleanup 2. Disk defragmenter 3. Anti virus 4. Backup

15. What are the two modes for displaying the desktop in the windows 10 operating system?

1. PC mode , Laptop mode 2. PC mode, Tablet mode
3. Tablet mode, Laptop mode 4. Notepad mode, Laptop mode

(15 x 2 = 30 Marks)

Part II

Answer all questions.

(01) Convert the following binary numbers into decimal numbers:

i) 10111110 ₂	ii) 11110100 ₂	iii) 1000100 ₂

iv) 11111111 ₂	v) 100001011 ₂

(5x 2 = 10 Marks)

(02) Convert the following decimal numbers into binary numbers:

i) 58	ii) 455	iii) 501

iv) 1023	v) 277

(5 x 2 = 10 Marks)

(03) Write the name of the following ports.



1.



2.



3.



4.



5.

(5 x 2 = 10 Marks)

(04) Fill in the blanks by writing the correct terms of the following;

(parallel port, HDMI, file attributes , disconnect the power supply, hardware error,
application software error , in the main memory, file extension, binary, numbers, ports)

- i. are used to connect peripheral devices to the computer.
- ii. Last modified date is an example for
- iii. “.exe” is a
- iv. Number system is a method that can be used to represent
- v. port is used to connect the printer with computer
- vi. port is used to connect the multimedia projector with laptop.
- vii. The running speed of the computer will decrease as the space decreases.
- viii. If the computer spreadsheet is not working, it is an
- ix. If the keyboard and mouse do not function, there is a
- x. You must Before testing the cables

(10 x 2 = 20 Marks)

(05) Write answers for the following questions.

i) What is the extension of Bit?

.....
.....

ii) What are the symbols used in hexadecimal number system?

.....
.....

iii) Give an example for main memory?

.....
.....

iv) What is the importance of setting up the date, the time zone and time on the computer?

.....
.....

v) Write two attributes of a file.

.....
.....

vi) Give one example of utility software.

.....
.....

vii) Write the file extension for the following:

- a) Ms word
- b) Ms Power point

viii) Provide three ports that can be used to connect the monitor?

.....
.....

ix) Give three errors in computer hardware.

.....
.....
.....

x) Give two errors in computer application software.

.....
.....

(10 x 2 = 20 Marks)



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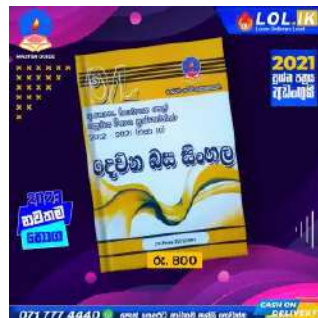
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