யா/ ஹாட்லிக் கல்லூரி, பருத்தித்துறை.

J/ Hartley College, Point Pedro.

முதலாம் தவணைப் பரீட்சை – 2020 – தரம் 08
First Term Examination – 2020 – Grade 08

தகவல் தொடர்பாடல் தொழில்நுட்பம் I, II Information& Communication Technology I, II	80	T	I, II	01.30 மணித்தியாலம் 01.30 Hours

சுட்டெண்
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Information & Communication Technology

Part – I

- **Answer all questions in this paper itself.**

1. What is the binary number which is equivalent to decimal number 21
   1. 10101_2 2. 10001_2 3. 11111_2 4. 10000_2

2. What is the binary number which is equivalent to decimal number 904
   1. 1110001000_2 2. 10000001_2 3. 1111111110_2 4. 11111000101_2

3. Which of the following can be octal number?
   1.197 2. 178 3.A1 4.110

4. Which of the following can be binary number?
   1.197 2. 178 3.A1 4.110

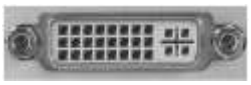
5. Which of the following can not be octal number?
   1.123 2. 178 3.456 4.110

6. What is the decimal number which is equivalent to the binary number 110111_2?
   1. 35 2. 55 3. 43 4. 65

7. What is the decimal number which is equivalent to the binary number 1000101011_2?
   1. 305 2. 555 3. 432 4. 653

8. Which of the following is not a characteristic of the computer file?
   1. Colour of the file 2. Type of file 3. File extension 4. Name of the file

9. What is the name of the given port?
   1.PS/2 2.VGA 3.DVI 4.USB



10. Which of the following is not an error related to hardware?
    1. Keyboard is not working 2. Speaker is not working
    3. Computer game is not working 4. Monitor is not working

11. Which one of the following is wrong in terms of the characteristics of a computer?
    1. Speed 2. Reliability 3. Intelligence 4. Storage Capacity

12. Which one of the following is not a component of the CPU?
    1. CU – Control Unit 2. Memory 3. ALU 4. Memory Register

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13. In which port of the following can a computer be connected with the printer?
    1. USB 2. PS/2 3.VGA 4.DVI

14. What type of device is Barcode Reader?
    1. Deleting picture 2. Storage 3. Output 4. Input

15. In which port/ports of the following can a computer be connected with the printer?
    A- USB B –Parallel C- VGA
    1) A Only 2) A & B Only 3) B & C Only 4) A, B, C All

(15x2 = 30 Marks)

Part - II

1. Give three characteristics of the computer file
    1. ……
    2. ……
    3. …….

(3x2 = 6 Marks)

2. Give three errors of computer hardware
    1. ……
    2. ……
    3. ……..

(3x2 = 6 Marks)

3. Give three errors of computer software
    1. ……
    2. ……
    3. ……..

(3x2 = 6 Marks)

4. Give three errors of computer application software
    1. ……
    2. ……
    3. ……

(3x2 = 6 Marks)

5. Give three computer application software
    1. ……
    2. ……
    3. ……

(3x2 = 6 Marks)

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6. Convert the following decimal numbers to binary numbers

1) 36 2). 255 3). 501 4). 511 5). 1023

(5x2 = 10 Marks)

7. Convert the following binary numbers to decimal numbers

1. 1011111_2 = ……..
……
……
……

2. 111111011_2= ……
……
……
……

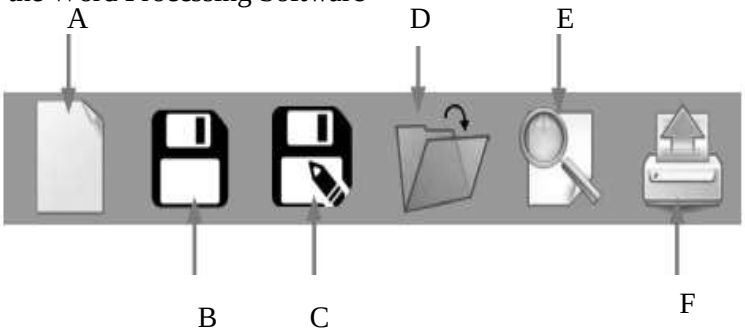
3. 100011111_2 = ……
……
……
……

4. 1111111111_2= ……
……
……
……

(4x2 = 8 Marks)

8. Write the correct names of the common tools of the Word Processing Software

A. ……
B. ……
C. ……
D. ……
E. ……..
F. ……..



(6x1 = 6 Marks)

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9. Write the names of the following ports



1…….



2……..



3……..



4…….



5……..



6……..

(6x1 = 06 Marks)

10. Fill in the blanks by writing the correct terms of the following

(Parallel port, HDMI, USB, Driver Software, Uninstall, disconnect the power supply, Restart, Hardware error, in the main memory, install, Application software error)

1. If Computer spreadsheet is not working, it is …….
2. If keyboard, mouse are not working, it is …….
3. You must ……. before testing the cables
4. ……. port is used to connect the printer with computer
5. ……. port is used to connect the multimedia projector with laptop
6. …….. the computer is a solution for the most of the problems occurring when you use the computer
7. ……. port is used to connect the keyboard with computer
8. The reason for what some hardware are not properly functioning, is because …… had not been installed.
9. The running speed of the computer will decrease as the space …… decreases.
10. To increase the effectiveness of the computer, you have to …… the unnecessary software.

(10x1 = 10 Marks)

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