



ST. PETER'S COLLEGE - COLOMBO 04

SECOND TERM EVALUATION - 2021

Grade } 08

INFORMATION TECHNOLOGY

Time } 02 Hours

Name / Index No

Class

1. Convert the following decimal numbers into binary.

(3 x 5 = 15 marks)

- (i) 32₁₀
- (ii) 20₁₀
- (iii) 100₁₀
- (iv) 200₁₀
- (v) 60₁₀

2. Convert the following binary numbers into decimal numbers

(3 x 5 = 15 marks)

- (i) 11001₂
- (ii) 100₂
- (iii) 01101₂
- (iv) 10000₂
- (v) 00011₂

3. Expand the decimal numbers below.

(3 x 5 = 15 marks)

- (i) 123₁₀
- (ii) 6547₁₀
- (iii) 990₁₀
- (iv) 001₁₀
- (v) 1010₁₀

4. State whether the following statements are TRUE or FALSE.

(2 x 5 = 10 marks)

- (i) 'Read-Only' option will hide the files from other users. (T/F)
- (ii) A file extension helps computer to identify the type of the file. (T/F)
- (iii) Hidden files cannot be seen unless we set the option 'show hide files' option to 'OFF' (T/F)
- (iv) By setting the option Read-Only to a file, we can add a password. (T/F)
- (v) 'Region' option in the control panel allows you to change the date & time. (T/F)

5. Select the most appropriate word from the list for the statements below.

(2 x 5 = 10 marks)

- (i) Nowadays, most of the keyboards and mouses can be connected via
- (ii) Is used to connect the computer to the internet router.
- (iii) Cable transmits both audio and video together.
- (iv) When we connect a printer for the first time to a computer, it is a must to install
- (v) If you want to remove a software from your pc, you should the software rather than deleting files and folders manually.

computer, ethernet port, keyboard, PS2, HDMI, driver software, uninstall, VGA, disconnect power supply, restart, hardware defects, main storage, USB, install, software defects, DVI, application software, mouse

6. Select the correct format/object from the list used for the given Word document below. (2 x 5 = 10 marks)



1.
2.
3.
4.
5.

Chart, Word Art, Text Box, Table, Shape, Page Border, Clip Art

7. Write the **Input**, **Process** and the **Output** for each of the scenario below. (3 x 5 = 15 marks)

(i) Those who get marks more than or equal 50, are known as "Pass". Those who get marks below 50 will be known as "Fail".

(ii) If the length and the width are equal, the system will display "Square" or else, it will display "Rectangle".

(iii) After entering two numbers, system will display the largest number.

(iv) In a one day cricket match between two teams, either one team may win or the match will be drawn.

(v) A system displays the average of three marks.

8. Name five (05) smart devices and write one (01) example of use for each device.

(2 x 5 = 10 marks)