



JAFFNA HINDU COLLEGE

Risk Holiday Self - Education Worksheet - 2020

Grade - 07 | Information & Communication Technology

Name/Index No :

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Answer all questions.

1. What is the hardware component used for processing the data in the computer?
.....
2. Write the components of a Central Processing Unit.
.....
3. Is it possible to view the CPU from outside the computer? Why?
.....
4. Write the function of Arithmetic and Logical Unit.
.....
.....
5. Write the names of electronic technologies used in all the four computer generations.
.....
.....
6. Which part of the central processing unit controls the computer hardware?
.....
.....
7. Some of the characteristics of computers were increased and some of them were decreased over computer generations. Study the following table and fill in the banks with the words **Increased, Decreased**.

(Copy this table in your answer sheet and fill in the blanks)

| Computer Generations | Power consumption | Speed | Cost | Size |
|----------------------|-------------------|----------------|----------------|----------------|
| 1→2→ 3→4 | | | | |

8. Write three units used to measure the speed of a CPU.

9. The speed of **Computer A** is 1024 KHz and speed of the **Computer B** is 1 MHz. Which computer is the fastest?

10. Write four functions of an operating system.

11. Write two operating systems used in computers.

12. Write two operating systems used in mobile devices.

13. Identify the following logos.



Write the names of these logos against the labels A,B,C,D in your answer sheet.

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14. What are storage devices?

15. Write the types of storage devices according to their manufacturing technology.

16. Classify the following devices as magnetic, optical, solid state storage devices.
 Compact Disk, Hard disk, Flash drive, Floppy disk, SD card, Blu Ray Disk
 Copy the following table and write the above devices in the correct column.

| Magnetic media devices | Optical media devices | Solid state media devices |
|------------------------|-----------------------|---------------------------|
| | | |
| | | |

17. What is file in a computer?

18. What is folder in a computer?






.....
19. Write the file name and the file extension of the following file.



.....

Jhc_assign.docx

20. Consider the following files stored in a computer.

| | | |
|---|--|--|
|  1stTerm.docx |  speech.mp3 |  Marks.xlsx |
|  Winner.mp4 |  Pongal.jpg | |

The folders which save the above files are given below.

Write down the file names against the folder names in your answer sheet. (You don't need to draw the files or folders)



Maths_Marks



Greetings



PrizeDay