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| **Chapter 1: Basic Concepts of Information Technology** | |
| **Section B** | |
| 1. Differentiate b/w Compiler and Interpreter. 2. Define non-volatile memory. Name any three. 3. Define the function of Control Unit in CPU. 4. Why Operating System is the most important software in a computer system. 5. Draw a Block diagram of Computer System. | 2021 |
| 1. Which mode of Data transmission is suitable for communication from a computer to a printer. 2. Differentiate b/w Volatile memory & Non-Volatile memory. 3. Define Impact Printer and Non-Impact Printer. 4. Draw the block diagram of a Digital Computer. 5. Why is an Operating System necessary for a computer. | 2019 |
| 1. Define control unit of CPU. 2. What are the peripheral devices? Name any three. 3. Define Memory word. 4. Why is ROM called non-volatile memory. 5. Write input or output device in the given column.  |  |  | | --- | --- | | Hardware | Input/Output | | Hardware |  | | Monitor |  | | Keyboard |  | | Plotter |  | | OMR |  | | Touch Pad |  | | 2018 |
| 1. Enlist any six features of an operating system. 2. What will happen, if RAM is not available in a Computer System.   5. What is Application Software. Name at least five application Software.  7. Why is cache memory used in Computer System.  8. What is port? Enlist its types.  11. How is secondary storage different from primary storage.  12. Define bit, byte and word.  13. Why is ROM called non-volatile memory.  18. Write the input device or output device in the given column   |  |  | | --- | --- | | Hardware | Input/Output | | Joystick |  | | Scanner |  | | Mouse |  | | Touch Screen |  | | LED |  | | Inkjet Printer |  | | 2017 |
| 1. Define the following terms related to screen display: CRT, Pixel, Resolution  2. List the virus function normally performed by the Operating system.  7. Define ROM and its types.  9. Define the main components of CPU. | 2016 |
| 6. Define the following: BUS, Cache Memory, Bar Code Reader  7. Differentiate b/w Volatile memory and Non-volatile memory.  9. What is Operating System. Why is it necessary for computer system. | 2015 |
| 2. Differentiate b/w Application software and System software.  3. Define Impact and Non-Impact printers.  4. Define different types of System Software.  6. What are the main steps of System development. Define them. | 2014 |
| 6. What is information technology. Describe any three fields of IT. | 2013 |
| 1. What is an operating system. Write any four of its functions.  4. Define ROM. What are its types. | 2012 |
| 1. Differentiate b/w System software and Application software  9. Differentiate b/w Language and Package. | 2011 |
| 1. Differentiate b/w softcopy and hardcopy with suitable examples.  2. Explain the basic units of primary storage and secondary storage.  5. Define Information Technology. Write its advantages. | 2010 |
| **Section C** | |
| What is printer. Discuss different types of Impact Printers. | 2021 |
| 5 (b) Explain the important features if an operating system.  5 (c) What is meant by Primary and Secondary Storages. Define any three types of secondary storage. | 2019 |
| 3 (a) What are Scanning input devices. Explain any two scanning device.  4 (a) |  |