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| | fundamental nature as: A) A data storage device B) An electronic device that processes data C) A communication tool D) A display unit | | arithmetic or logical operations," which is the core function of a data processing machine. |
| 24 | A weather forecasting station uses a very powerful computer to process vast amounts of atmospheric data to predict weather patterns. This type of computer is designed for: A) General office tasks B) Complex scientific computations C) Home entertainment D) Portable communication | B) Complex scientific computations | This describes a supercomputer, which is used for complex, intensive tasks like scientific research and weather modeling. |
| 25 | The results displayed on your computer screen after you perform a search on the internet are considered: A) Raw data B) Information C) Programs D) Instructions | B) Information | The results of a search have been processed from raw data into meaningful and organized information. |
| 26 | A traffic light controller automatically changes lights based on programmed timings. This is an example of a computer classified by: A) Size (Microcomputer) B) Purpose (Special-purpose) C) Functionality (Hybrid) D) Reliability | B) Purpose (Special-purpose) | This device is designed for one specific function (controlling a traffic light) and is therefore a special-purpose computer. |
| 27 | Why are different classes of computers, such as smartphones, laptops, and supercomputers, necessary in a user environment? A) To make them look different B) To confuse users C) To meet diverse needs and perform specific tasks efficiently D) To increase their cost | C) To meet diverse needs and perform specific tasks efficiently | Different classes of computers exist to serve a wide range of user needs, from simple tasks on a smartphone to highly complex computations on a supercomputer. |
| 28 | When you record your voice using a microphone on a computer, your voice is converted into digital signals that the computer can understand. The microphone acts as an: A) Output device B) Storage device C) Input device D) Processing unit | C) Input device | A microphone is an input device because it takes an external signal (your voice) and converts it into a form that the computer can process. |
| 29 | A computer processes data quickly and accurately. If a human were to perform the same task repeatedly for hours, they would likely get tired and make errors. This highlights the computer's: A) Versatility B) Consistency C) Storage capacity D) Reliability | D) Reliability | The ability of a computer to perform a task without failure or errors over a long period, which a human might not, is a key aspect of its reliability. |
| 30 | Your school has a computer server that stores all learner records, teacher files, and runs the school's network. This powerful, centralized computer system is likely a: A) Laptop B) Tablet C) Mainframe computer D) Smartwatch | C) Mainframe computer | A mainframe computer is a large, powerful computer used by large organizations to manage centralized databases and complex network operations. |
| 31 | Identify the computer device from the picture given below that is used for selecting, hovering, dragging or clicking on the computer screen. A) Keyboard B) Monitor C) CPU D) Mouse | D) Mouse | The text describes the function of a mouse, which is used to interact with a graphical user interface by selecting, hovering, dragging, or clicking. |
| 32 | From the image given below, can you identify the device that is used to enter characters into the computer system by pressing buttons or keys? A) Mouse B) Pen Drive C) Keyboard D) CPU | C) Keyboard | The function described—entering characters by pressing buttons or keys—is performed by a keyboard. |