Introduction to Systems

Sr	Questions	Answers Choice
1	Which protocol is used to send emails over the internet?	A. POP3 (Post Office Protocol 3) B. FTP (File Trnasfer Protocol) C. SMTP (Simple Mail Transfer Protocol) D. IMAP (Internet Message Access Protocol)
2	What type of environment remins unchanged unless the system provides an output.	A. Dynamic B. Static C. Deterministic D. Non-deterministic
3	Which is the primary function of an operating system in a computer system?	A. To provide hardware components B. To manage hardware and software resources. C. To act as an imput device D. to manufacture computer parts.
4	What concept does thetheory of system aim to understand.	A. Hardware design B. System interactions and development over time. C. Software applications D. Net work security
5	Whcih of the following best descibes an artificial system?	A. A system hat exists naturally without human intervention B. A system that is created, designed and controlled by humans C. A system that cannot be modified once created D. A system that alwyas operates automatically
6	What is the primary function of a system.	A. To work independently B. To achieve a common goal C. To create new systems D. To provide entertainment
7	Which of the following decribes the Von neumann architecture's main characteristic?	A. Separate memory for data and instructions B. Parallel execution of instructions C. Single memoery store for both program instructions and data D. Multiples CPUs fordifferent tasks
8	Which of the following is NOT an example of an artificial system?	A. Solar system B. Traffic control system C. Automated billing system D. Railway reservation system
9	What are teh basic components of a system?	A. Users, hardware , software B. Objectives, components, environment, communication C. Input, Output, processes D. Sensors,actuators, controllers
10	Which of the following is an example of a Natural system.	A. Banking System B. Human Circulatory system C. Transporation System D. Computer System
11	What is one of the fundamntal concepts of any system.	A. Its size B. Its Objective C. Its age D. Its Prize
12	Which of the following is a key characteristic of the Von Neumann architecture?	A. separate memory for instructions and data B. Instructions and data are data in the same memory C. Data is stored in a separate storage unit from instructions D. No need for a central processing Unit (CPU)

13	Which systemss involve substances and their Interactions?	A. Artificial B. Chemical C. Psychological D. Biological
14	Which of the following protocol is used to transfer web pages from a web server in a web browser?	A. FTP (File Transfer Protocol) B. HTTP (Hyper text Transfer Protocol) C. SMTP(Simple Mail Transfer Protocol) D. SNMP (Simple Network Managemetn Protocol)
15	Which of the following is a storage device used to permanently store data in a computer	A. Random Access Memory(RAM) B. Cache Memory C. Hard Disk Drive(HDD) D. Arithmetic logic Unit(ALU)
16	What is the primary purpoe of the DNS (Domain Name System) Protocol?	A. To assign IP addresses to devices B. To map domain names to IP Address C. To ensure secure transmission of data D. To transfer files over the internet.
17	Which sysems involve the mind and behavior?	A. Artificial B. Chemical C. Psychological D. Biological
18	Which of the following is an example of a hybrid system (combination of natural and artificial system)?	A. Human respiratory system B. A weather forecasting system C. A dam controlling river water flow D. A simple pendulum
19	Which component of the computer system is responsible for temporarily strong data and instructions while the CPU processes them?	A. RAM (Random Access Memory) B. ROM(Read -only Memory) C. Hard Dis Drive(HDD) D. Graphics Processing Unit (GPU)
20	What is the main disadvantage of the Von Neumann architecture.	A. High cost of components. B. Difficulty in executing machine language instructions C. Limited data strorage capacity D. Bottleneck due to shared memory access for instructions and data