



B.A./B.B.A. II Semester Degree Examination, Sept./Oct. - 2024

COMPUTER SCIENCE

SEC - I : Digital Fluency

(NEP)

Time : 1 Hour

Maximum Marks : 30

Note : Answer **all** questions.

1. What is true about Machine Learning ? 1
 - (A) ML is that field of computer science
 - (B) ML is a type of Artificial intelligence
 - (C) ML is a field of AI consisting of learning algorithms
 - (D) All of the above

2. Advantage of Big Data are _____. 1
 - (A) Big data analysis derives innovative solutions
 - (B) Big data analysis helps in understanding and Targeting Customers
 - (C) It helps in optimizing business processes
 - (D) All of the above

3. Which is the first stage in every IOT architecture ? 1
 - (A) Sensors and actuators
 - (B) Internet gateways and Data Acquisition Systems
 - (C) Edge IT
 - (D) Data center and cloud

4. A private cloud is : 1
 - (A) It is a cloud maintained within an Enterprise data center
 - (B) It can be accessible by anyone
 - (C) It is offered offline
 - (D) All of the above

5. Which one of the following is/are a type of antivirus program ? 1
 - (A) Quick heal (B) McAfee (C) Kaspersky (D) All of the above



6. What is the component of an IOT system that executes a program ? **1**
(A) Sensor (B) Microcontroller
(C) Actuator (D) Digital analog converter
7. The word communication has been derived from _____. **1**
(A) Greek (B) Latin (C) German (D) French
8. What is the worst thing for a critical thinker ? **1**
(A) A logical mind
(B) An emotional mind
(C) Reaching to conclusion too soon
(D) None of the above
9. It is important to have a good _____ to be successful in your career. **1**
(A) attitude (B) clothes (C) attendance (D) shoes
10. Understanding of human needs happens at the stage of : **1**
(A) Testing (B) Prototyping
(C) Empathizing (D) None of the above
11. Which of the following is an important trait for becoming an innovative person ? **1**
(A) constant credibility (B) constant curiosity
(C) constant attention (D) none of the above
12. What is a key step in Team Work ? **1**
(A) Leadership (B) Responsibility (C) Organization (D) All of the above
13. A major obstacle to creative thinking is called “homeostasis”, it means _____. **1**
(A) Fear of failure (B) Striving for constancy
(C) Fear of criticism (D) Lack of direction
14. _____ is the first enemy of communication. **1**
(A) Noise (B) Clarity (C) Politeness (D) Completeness
15. Firewalls are used to protect _____. **1**
(A) Fire attacks (B) Virus attacks
(C) Unauthorised access (D) Data Driven attacks



16. Which one of the following usually used in the process of Wi-fi-hacking ? **1**
(A) Air crack-ng (B) Wireshark (C) Norton (D) All of the above
17. What does the word cloud represent in cloud computing ? **1**
(A) Internet (B) Wireless (C) Data (D) Disk
18. An IOT Network is a collection of _____ devices. **1**
(A) Signal (B) Machine to Machine
(C) Interconnected (D) Network to Network
19. What are the different features of Big Data Analytics ? **1**
(A) Open Source (B) Scalability
(C) Data recovery (D) All the above
20. Which of the following is the best machine learning method ? **1**
(A) Scalable (B) Accuracy (C) Fast (D) All of the above
21. Machine learning is a subset of _____. **1**
(A) Deep Learning (B) AI
(C) Data Learning (D) None of the above
22. Which is an open source Relational Database Management System (RDBMS) with a client - server model ? **1**
(A) Oracle (B) MySQL
(C) MS-Access (D) None of the above
23. Which of the following category is used for Business to consumer process ? **1**
(A) Group IOT (B) Community IOT
(C) Industrial IOT (D) Personal IOT
24. _____ is also known as hosted software or on-demand software. **1**
(A) Saas (B) Paas (C) Iaas (D) None



25. Which types of the following malware does not replicate or clone them self's through infection ? **1**
(A) Rootkits (B) Trojans (C) Worms (D) Viruses
26. IOT gateway must provide _____. **1**
(A) Protocol abstraction (B) Data Storage
(C) Security with hardware (D) Simple and fast installation
27. Communication is a non-stop _____. **1**
(A) Paper (B) Process (C) Programme (D) Plan
28. Act of working effectively with others to achieve a common goal. **1**
(A) Team work (B) Collaboration
(C) Skills (D) Personality Types
29. _____ is the essential concept related to cloud. **1**
(A) Reliability (B) Abstraction
(C) Productivity (D) None of the above
30. Which of the following is the first Computer Virus ? **1**
(A) Creeper (B) Sasser (C) Blaster (D) All of the above

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