



**B.Sc./B.Com./B.C.A. I Semester Degree Examination,  
April/May - 2024**

**DIGITAL FLUENCY [COMPUTER SCIENCE]**

**SEC - 1 : Digital Fluency**

**(NEP)**

Time : 1 Hour

Maximum Marks : 30

**Note :** Answer *all* questions.

1. \_\_\_\_\_ Algorithms enable the computers to learn from data and even improve themselves, without being explicitly programmed. **1**  
(A) Deep Learning (B) Machine Learning  
(C) Artificial Intelligence (D) None of the above
2. Which non-verbal aspect makes the most impact in verbal face-to-face communication ? **1**  
(A) Eye contact (B) Professional Attire  
(C) Communication Venue (D) None of the above
3. Real-Time decisions, Game AI, Learning Tasks, Skill acquisition and Robot Navigation are applications of : **1**  
(A) Reinforcement Learning  
(B) Supervised Learning : Classification  
(C) Unsupervised Learning : Regression  
(D) None of the above
4. Common classes of problems in Machine Learning is \_\_\_\_\_. **1**  
(A) clustering (B) regression  
(C) classification (D) all of the above
5. What is usually the most important question you can ask in any given situation ? **1**  
(A) How much money can I make ?  
(B) Who is responsible ?  
(C) Why ?  
(D) Can I accomplish this ?



6. Which algorithm allows you to reduce the dimension of the data while losing the least amount of Information ? **1**  
(A) Decision tress (B) K-means Clustering  
(C) Recurrent Neural Networks (D) Principal Component Analysis
7. 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
8. Mongo DB is a \_\_\_\_\_ database. **1**  
(A) SQL (B) DBMS (C) No SQL (D) RDBMS
9. Letter, e-mail, telephone are examples of \_\_\_\_\_. **1**  
(A) message (B) feedback (C) channel (D) encoding
10. \_\_\_\_\_ has the world's largest Hadoop cluster. **1**  
(A) Google (B) Linkedin (C) Facebook (D) IBM
11. Which of the following category is used for business to cusumer process ? **1**  
(A) Group IoT (B) Community IoT  
(C) Industrial IoT (D) Personal IoT
12. IoT devices are naturally Vulnerable to \_\_\_\_\_ Threats. **1**  
(A) sensors (B) heterogeneity (C) security (D) connectivity
13. \_\_\_\_\_ is important at work because you must be able to work with others especially if you don't always agree with them. **1**  
(A) Honesty (B) Teamwork (C) Appearance (D) Caring
14. Which of the following are the top benefits of IIoT in manufacturing ? **1**  
(a) Improvement of operational performance  
(b) Ensuring safety and compliance  
(c) Increasing flexibility and agility  
(A) (a) and (b) (B) (a), (b) and (c)  
(C) (b) and (c) (D) (a) and (c)
15. Which of the following is **True** ? **1**  
(A) IIoT is not equivalent to IoT  
(B) IIoT is Independent of IoT  
(C) IIoT is dependent on some features of IoT  
(D) None of these



16. An example of Paas is : 1  
(A) Pack space cloud (B) Mosso  
(C) Amazon ECZ (D) Gmail
17. \_\_\_\_\_ is also known as hosted software or on-demand software. 1  
(A) Saas (B) Paas  
(C) Iaas (D) None of the above
18. What does the word cloud represent in cloud computing ? 1  
(A) Internet (B) Wireless (C) Data (D) Disk
19. Amazon uses \_\_\_\_\_ as a cloud platform. 1  
(A) AWS (B) Azure (C) Opera (D) Gdrive
20. Amazon elastic MapReduce offers a \_\_\_\_\_ framework to process large amounts of data. 1  
(A) R (B) Hadoop  
(C) Python (D) None of the above
21. Which of the following is defined as an attempt to steal, Spy, damage or destroy computer systems Networks, or their associated information ? 1  
(A) Cyber attack (B) Computer security  
(C) Cryptography (D) Digital hacking
22. Which of the following is a components of cyber security ? 1  
(A) Internet of Things (B) AI  
(C) Database (D) Attacks
23. Which attack involves using IP spoofing and the ICMP to saturate a target network with traffic ? 1  
(A) Smurf attack (B) Teardrop attack  
(C) Replay attack (D) None of the above
24. Which of the following DDoS in Mobile systems wait for the owner to Trigger the cyber-attack ? 1  
(A) Botnets (B) Programs (C) Virus (D) Worms
25. To protect the Computer System against the hacker and different kind of viruses, one must always keep \_\_\_\_\_ on in the Computer System. 1  
(A) Antivirus (B) Firewall (C) VLC player (D) Script



26. Which of the following are examples of : 1  
(A) Siri and alexa  
(B) advanced chess programs  
(C) Siri, Alexa and advanced chess programs  
(D) None of the above
27. Customer segmentation and differential pricing strategy can be easily achieved through \_\_\_\_\_. 1  
(A) Big data Analytics (B) Web pages  
(C) Browsers (D) Hardware's
28. Which service permits the changes to the IoP services ? 1  
(A) update (B) Registered service  
(C) enable from suspension (D) enable
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) Blastr (D) All of the above

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