001CSC061 – F – 23 – 8401A

Total No. of Questions : 30	Time : 90 Minutes
Maximum : 30 Marks	

INSTRUCTIONS TO THE CANDIDATES

1. The question paper will be given in the form of a Question Booklet.

2. Immediately after the commencement of the examination, the candidate should check that the question booklet supplied to him/her contains all the **30** questions in serial order. The question booklet does not have unprinted or torn or missing pages and if so, he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet. This is most important.

3. Blank pages of the question booklet may be used for rough work.

4. Each question is provided with four choices **(A)**, **(B)**, **(C)** and **(D)** having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Ball Pen in the OMR answer sheet.

5. Each correct answer carries **1** mark and no negative mark for wrong answer.

6. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.

7. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the Candidate.

[P.T.O.

1. Digital fluency includes overview of emerging technologies like

   (A) Artificial intelligence

   (B) Internet of things

   (C) Cyber security

   (D) All of the above

2. Technology that help machines and computers mimic human behaviour is

   (A) AI

   (B) Cyber security

   (C) Internet of things

   (D) Data science

3. Expand ML.

   (A) Machine Living

   (B) Machine Learning

   (C) More Learning

   (D) Modern Learning

4. Examples of AI chatbots are/is

   (A) Alexa

   (B) Siri

   (C) Both (A) and (B)

   (D) None of the above

5. Applications of AI are/is

   (A) smart phone face lock

   (B) email spam detection

   (C) chatbots

   (D) all of the above

6. Deep learning is a subset of

   (A) Machine learning

   (B) Digital marketing

   (C) Stock trading

   (D) None of the above

7. Types of Machine Learning Methods is/are

(A) Supervised
(B) Unsupervised
(C) Semi-supervised
(D) All of the above

8. What is IoT ?

(A) Internal out task

(B) Internet of things

(C) Internet of tables

(D) Internal of things

9. The process of analyzing large amount of data is known as

(A) Large Data Analytics

(B) Huge Data Analytics

(C) Big Data Analytics

(D) None of the above

10. Flow of data analytics process is

(A) Data → info → insight → analysis

(B) Analysis → info → insight → data

(C) Data → insight → analysis → info

(D) None of the above

11. Examples of smart devices

(A) Smart phone

(B) Self driving cars

(C) Smart watch

(D) All of the above

12. Which of the following is not the advantage of database ?

    (A) Security of data

    (B) Easy to update data

    (C) Future prediction

    (D) Manage large amount of data

13. What is the full form of DBMS ?

    (A) Data Base Management System

    (B) Data Base Modern System

    (C) Data Base Maintenance System

    (D) None of the above

14. Which of the following is an open source RDBMS with a client-server model ?

    (A) Oracle   (B) MS-Access

    (C) MySQL   (D) None of the above

15. How many stages are there in IoT architecture ?

    (A) 1   (B) 2

    (C) 3   (D) 4

16. IoT devices are at risk to

    (A) Security threats

    (B) Climate threats

    (C) Heterogeneity threats

    (D) None of the above

17. What is IIoT ?

    (A) Industrial IoT
    (B) International IoT
    (C) Insect IoT
    (D) None of the above

18. Technology that uses remote servers on the internet to store, manage and access data online rather than local drives is

    (A) Store computing
    (B) Cloud computing
    (C) Manage computing
    (D) Quantum computing

19. In cloud computing, the term cloud refers to

    (A) frozen crystals
    (B) visible mass of water droplets
    (C) a network (or) the internet
    (D) none of the above

20. Types of cloud in cloud computing

    (A) Public cloud
    (B) Hybrid cloud
    (C) Community cloud
    (D) All of the above

21. A combination of the public cloud and private cloud is

    (A) Community cloud
    (B) Hybrid cloud
    (C) Joint cloud
    (D) Concat cloud

22. Private cloud is also known as

    (A) Internal cloud

    (B) Corporate cloud

    (C) Both (A) and (B)

    (D) None of the above

23. The application includes technologies, processes and controls to protect systems, networks, softwares, devices and data from cyber attacks is

    (A) Cyber security

    (B) Networking

    (C) Controlling

    (D) Programming

24. Which of the following is not an application security ?

    (A) Antivirus programs

    (B) Fire walls

    (C) Encryption programs

    (D) Main gate

25. Common type of cyber attacks

    (A) Malware

    (B) Phishing

    (C) Password attack

    (D) All of the above

26. To avoid cyber attacks

    (A) Regularly change passwords

    (B) Install and use antivirus

    (C) Both (A) and (B)

    (D) None of the above

27. What is MongoDB ?

    (A) Cloud

    (B) Big data analytics tool

    (C) Plant

    (D) Fruit

28. AI enabled mapping and traffic prediction can be done with

    (A) Google pay

    (B) Google calendar

    (C) Google map

    (D) Google doc

29. In machine learning target is called

    (A) target

    (B) label

    (C) machine

    (D) learning

30. The full form of SEG is

    (A) Secure Email Gateway

    (B) Stock Entry Goods

    (C) Single Entry Gateway

    (D) None of the above