First Semester Common to All U.G. Courses
Degree Examination, February/March 2023
(NEP 2020)
(2021 – 2022 Batch Onwards)
DIGITAL FLUENCY
(Skill Enhancement Course)

Time : 2 Hours

Max. Marks : 30

Note : i) *Answer **all** the questions.*

ii) ***Each** question carries **one** mark.*

SECTION – A

(10×1=10)

1. Who is known as the Father of AI ?
   A) Fisher Ada
   B) Alan Turing
   C) John McCarthy
   D) Allen Newell

2. The component of an Expert system is _____
   A) Knowledge Base
   B) Inference Engine
   C) User Interface
   D) All of the above

3. Ways to achieve AI in real-life are _____.
   A) Machine Learning
   B) Deep Learning
   C) Both A) and B)
   D) None of the above

4. The word 'Big data' was coined by,
   A) Roger Mougalas
   B) John Philips
   C) Simon Woods
   D) Martin Green

5. Select the order of the Big Data Analytics process.
   A) Information, Data, Analysis, Insight
   B) Data, Information, Insight, Analysis
   C) Data, Insight, Analysis, Information
   D) Data, Analysis, Insight, Information

6. An IoT network is a collection of _____ devices.
   A) Signal
   B) Machine to Machine
   C) Interconnected
   D) Network to Network

7. What is the full form of ICT ?
   A) Inter Connect Technology
   B) Internet Connection Topology
   C) Information and Communication Technology
   D) Inter Communication Topology

8. Which one of the following options can be considered as the Cloud ?
   A) Hadoop
   B) Intranet
   C) Web Applications
   D) All of the above

9. In the computer networks, the encryption techniques are primarily used for improving the _____.
   A) Security
   B) Performance
   C) Reliability
   D) Longevity

10. Which one of the following is also referred to as malicious software ?
    A) Maliciousware
    B) Badware
    C) Ilegalware
    D) Malware

SECTION – B   (10×1=10)

11. The best AI agent is one which _____
    A) Needs user inputs for solving any problem
    B) Can solve a problem on its own without any human intervention
    C) Need a similar exemplary problem in its knowledge base
    D) All of the above

12. The process of training a Neutral Network is
    A) Model – Train – Training Data – Test and Update
    B) Train – Model – Prediction – Test and Update
    C) Training Data – Model – Prediction – Test and Update
    D) Model – Train – Prediction – Test and Update

13. Which of the following is the Big Data Analytic tool ?
    A) Apache Hadoop
    B) MongoDB
    C) Microsoft Azure
    D) All of the above

14. The examination of large amounts of data to see what patterns or other useful information can be found is known as
   A) Data examination
   B) Information analysis
   C) Big data analytics
   D) Data analysis

15. In the Healthcare Industry, AI has disrupted.
   A) Medical imaging
   B) Surgery
   C) Physiological diagnosis
   D) None of these

16. What is IoT ?
   A) network of physical objects embedded with sensors
   B) network of virtual objects
   C) network of objects in the ring structure
   D) network of sensors

17. IIoT stands for _____.
   A) Intense Internet of Things
   B) Index Internet of Technology
   C) Industrial Internet of Things
   D) Incorporate Internet of Technology

18. Which of the following is the Cloud Platform provided by Amazon ?
   A) AWS
   B) Cloudera
   C) Azure
   D) All of the above

19. Which one of the following is a type of antivirus program ?
   A) Quick heal
   B) Mcafee
   C) Kaspersky
   D) All of the above

20. Which of the following can be considered as the elements of cyber security ?
   A) Application security
   B) Operational security
   C) Network security
   D) All of the above

SECTION – C   (10×1=10)

21. _____ is a communication between small groups of individuals, typically in a face-to-face setting.
   A) Inter-personal communication
   B) Intra-personal communication
   C) Mass communication
   D) None of these

22. Which of the following is an example of oral communication ?
   A) Newspapers
   B) Letters
   C) Phone call
   D) e-mail

23. _____ is the 'sharing' of information between two or more individuals or within a group to reach a common understanding.
    A) Common
    B) Communication
    C) Writing
    D) Reading

24. Choose the right order of steps to communicate effectively.
    A) Aim, Message, Channel, Audience, Story, Review
    B) Audience, Aim, Message, Story, Channel, Review
    C) Aim, Audience, Message, Channel, Story, Review
    D) Audience, Message, Aim, Story, Review, Channel

25. Choose the correct abbreviation for HAIL in communication.
    A) Honesty, Authenticity, Integrity, Love
    B) Honesty, Authority, Integrity, Love
    C) Harmony, Authenticity, Integrity, Love
    D) Hearty, Appreciative, Indigenous, Limit

26. A communication _____ is anything that comes in the way of receiving and understanding messages that one sends to another to convey his ideas, thoughts, or any other kind of information.
    A) Skill
    B) Barrier
    C) Channel
    D) None

27. Poor lighting is an example of _____
    A) Physical barrier of communication
    B) Physiological barrier
    C) Technical Jargon
    D) None of these

28. Which of the following can be called a 'perceptual' barrier to communication ?
    A) Negative feeling
    B) Cultural norms
    C) Pre-made assumptions
    D) None of the above

29. Your dress code is an example of _____
    A) Oral communication
    B) Written communication
    C) Non-verbal communication
    D) Spoken

30. Communication through _____ and _____ is called verbal communication.
    A) Written material and gestures
    B) Gestures and spoken words
    C) Spoken words and written material
    D) Body language and gestures