CIT–02

CERTIFICATE IN INFORMATION TECHNOLOGY (CITOL)

INTRODUCTION TO INFORMATION TECHNOLOGY

Time: 2 Hours

Maximum Marks: 50 (Weightage : 75%)

Note: There are 50 objective questions in this paper. Answer all the questions. Each question carries 1 mark.

1. .... converts data into information or knowledge.

A) Data processing

B) Information handling

C) Knowledge processing

D) Information generation

2. Which of the following is characteristics of Wisdom?

A) deterministic

B) non-explorative

C) non-probabilisti

D) Non-systemic

3. The value of information .... with time.

A) Increases

B) Decreases

C) Stays constant

D) Not dependendept on time

4. Which of the following is not an information effectiveness parameter?

A) Exactness

B) Timing

C) Regularity

D) Processing

5. The knowledge gap hypothesis is being formed by ....

A) ICT

B) Books

C) TV

D) Newspaper

6. Which of the following is not a part of standard office applications?

A) Word processing

B) Spreadsheet

C) Tally

D) Database software

7. "A manual record keeper will become obselete due to changes in technology." This is an impact of digital divide on:

A) Knowledge

B) Development

C) Social needs

D) Employment

8. The function that ensures that "A message that has arrived from XYZ is same message that was sent by XYZ" is called:

A) Message-integrity

B) Non-repudiation

C)Authentication

D) Digital identity

9. No-link architecture of cyberspace will not have ....

A) Hyperlink

B) Traceability

C) Authentication

D) Media

10. Community in .... is based on the interaction between people.

A) Internet

B) WWW

C) ICT

D) Cyberspace

11. Which one of the following is not a computer crime?

A) Fraud by system manipulation intetionally

B) Any modification to data /programs intetionally

C) Accessing computer without authorization

D) Burglary

12. The .... refers to difference in availability of the ICT between countries.

A) Countrywide knowledge gap

B) Global digital divide

C) International dimension of divide

D) Cyberspace

13. .... offers the single largest barrier to law enforcement obtaining content from a computer.

A) Password

B) Deletion of data

C) Operating System

D) Encryption

14. Which of the following is one of the advantages of E-commerce?

A) Access to local-market easily

B) The Cost per unit may be higher

C) Platform dependent

D) Efficient application development environment

15. One of the constraint of e-commerce is:

A) business can be conducted $365 \times 7 \times 24$

B) No time is taken for delivery of goods

C) Perishable goods cannot be delivered

D) It increases cost of products

16. This e-commerce allows direct trade between companies to consumers.

A) B2B

B) B2C

C) C2B

D) C2C

17. Fund transfer requests to Banks cannot be handled by:

A) ECS

B) Smart Cards

C) EFT

D) Digital Signature

18. For secure data transmission over Internet you may use:

A) TCP/IP

B) UDP

C) SSL

D) HTTP

19. .... provide citizens access to information and knowledge about the political process.

A) E-Governance

B) F-Democracy

C) E-Government

D) E-payment

20. In E-learning a learner a can determine how, what and when they access information. It is called .... feature of E-Commerce.
A) Non-linear
B) Dynamic
C) Reusable object
D) Informal

21. Online learning results in .... of content.
A) Complexity
B) High retention
C) Non-flexible learning
D) Non-portable

22. Which of the following is standard of distributed learning?
A) LOM
B) SCORM
C) PIL
D) EDUSAT

23. Which of the following does not use Computer?
A) Digital Dental System
B) Ultrasound machine
C) CT Scanner
D) Stethoscope

24. Full form of EBM, in the context of Medical Systems is:
A) Electronic based medical
B) Evidence based medicine
C) External based medication
D) Electronic binding Medical System

25. .... provides a comprehensive survey of current work performed to develop information technology for the clinical workplace.

A) Medical Informatics

B) Medical Information

C) Medical Transcription

D) Bioinformatics

26. Work plan for e-Governance projects should focus on:

A) Private sector development

B) Training of people

C) Government office only

D) Internet Service providers

27. Design of Information System does not include:

A) database design

B) architectural design

C) functional specification design

D) Graphical user Interface development

28. Which of the following is not a phase of MIS development?

A) Analysis

B) Design

C) Testing

D) Maintenance

29. .... maintenance means enhancing the performance or modifying the programs to respond to the user's additional or changing needs.

A) Corrective

B) Adaptive

C) Perfective

D) Performance

30. The .... tools includes compilers, project management tools and editors.

A) MIS

B) CASE

C) Hypertext

D) HTML

31. .... helps in professional decision-making by bringing significant data to a manager's notices.

A) Transaction processing system

B) Management information system

C) Decision Support system

D) Office automation system

32. Operational level system collects the following information:

A) Material movement

B) Market research

C) Training of clients

D) Social Engineering

33. Inventory management component of MIS maintains:

A) billing formation

B) dead stock

C) Insurance of Assets

D) Budgeting

34. Which of the following is a stumbling block in implementation of MIS?

A) They are easy to develop and maintain

B) MIS implementation takes long time

C) There are no platform restrictions for MIS

D) MIS is cheap and good

35. .... provides solutions in the area of e-Governance particularly the sectors that falls under Government of India.

A) ERNET

B) GOVNET

C) ePOST

D) NICNET

36. Towards globalization of Indian agricultures .... shares prices and product information of agriculture produce.

A) AGMARKNET

B) AGNET

C) ePOST

D) NICNET

37. ERNET shares information about:

A) Energy and Resource

B) Energy and Research

C) Education and Research

D) Education and Resources

38. .... is a repository of stored data that is integrated and shared.

A) File

B) Database

C) Distributed data

D) Information

39. Which of the following is not an embedded system?

A) Central heating system

B) Robotics

C) Anti-theft devices

D) Crop rotation system

40. RT Linux is an:

A) Non-red Time Operating System

B) Database Management System

C) Real time Operating System

D) Multi-user Operating System

41. Which of the following is not a feature of good embedded operating system?

A) Modularity

B) Scalability

C) Flexibility

D) No CPU support

42. Which of the following can be used for embedded system hardware description?

A) VHDL

B) C++

C) JAVA

D) Python

43. HCI means:

A) Human Communication Interchange

B) Human Common Interchange

C) Human Computer Interface

D) Human-Communication Interface

44. For audio input, ... is used in a computer.

A) Mouse

B) Camera

C) Touch Screen

D) Microphone

45. .... are used to produce graphs or diagram on paper .... are used to produce graphs or diagram on paper.

A) Plotters

B) Monitor

C) Projector

D) USB device

46. .... is a text that is not linear and may contain links to other text.

A) Graphical text

B) Hypertext

C) Webpage

D) Website

47. .... is the science of measurement through non-contact sensing, e. g. terrain maps through satellite images.

A) Photography

B) Satellite imaging

C) Computer vision

D) Photogrammetry

48. Which of the following is not a sub-domain of computer vision?

A) Scene reconstruction

B) motion estimation

C) motion sensors

D) image restoration

49. .... deals with completing an incomplete image of an object.

A) Occlusion

B) Opaque

C) Recognition

D) 3D conversion

50. Which of the following is NOT an application of computer vision?

A) Unmanned Aerial vehicle

B) Human face Identification

C) Optical Character Recognition

D) Taking Images from a Satellite