# SUMMIT TECHNICAL COLLEGE

# ATD LEVEL 1

# CAT 1 AUGUST 2024 SERIES

# FUNDAMENTALS OF ICT SKILLS;MULTIPLE CHOICE

Time Allowed: 2 hours.

# This paper is made up of fifty (50) Multiple Choice Questions. Answer ALL the questions by indicating the letter (A, B, C or D) that represents the correct answer.

2. Which of the following is an example of an output device? (2mks)  
a. Mouse  
b. Speakers  
c. Processor  
d. Flash disk  
Answer: B

3. One characteristic of third generation computers is the use of: (2mks)  
a. Transistors  
b. Integrated circuits  
c. Vacuum tubes  
d. Parallel processing  
Answer: B

4. The fastest computers used by large organizations to execute computationally demanding tasks involving very large data sets are: (2mks)  
a. Mainframe computers  
b. Minicomputers  
c. Supercomputers  
d. Microcomputers  
Answer: C

5. Which of the following devices converts analogue signals to digital signals and vice versa? (2mks)  
a. Hub  
b. Modem  
c. Router  
d. Switch  
Answer: B

6. Which one of the following is NOT an example of antivirus software? (2mks)  
a. Kaspersky  
b. McAfee  
c. Acrobat  
d. Avira  
Answer: C

7. The main part of the computer that contains all the essential hardware components is known as: (2mks)  
a. System unit  
b. Monitor  
c. Processor  
d. Avira  
Answer: A

8. The following are examples of system software EXCEPT: (2mks)  
a. Operating system  
b. Word processor  
c. Utility  
d. Device driver  
Answer: B

9. Which ONE of the following is NOT an example of an operating system? (2mks)  
a. MacOS  
b. Android  
c. Oracle  
d. Linux  
Answer: C

10. Printers can be impact or non-impact. Which one of the following is a non-impact printer? (2mks)  
a. Dot Matrix  
b. Daisy Wheel  
c. Chain printer  
d. Inkjet printer  
Answer: D

11. The following are common features of a presentation software, EXCEPT: (2mks)  
a. Animation effects  
b. Table of contents  
c. Slide master  
d. Transitions effects  
Answer: B

12. What was the technology that was used in the second-generation computers? (2mks)  
a. Transistors  
b. Integrated circuits  
c. Vacuum tubes  
d. Large scale integrated circuits  
Answer: A

13. Which of the following software is NOT contained in Microsoft Office suite? (2mks)  
a. Word  
b. Publisher  
c. Outlook  
d. Sage  
Answer: D

14. Which of the following is an example of a mobile operating system? (2mks)  
a. Palm OS  
b. Windows 2019  
c. Unix  
d. Mac OS  
Answer: A

15. The Slide Master view in PowerPoint allows a user to: (2mks)  
a. Encrypt a PowerPoint document  
b. Make uniform changes to all the slides in the presentation  
c. Check for compatibility issues  
d. Insert a SmartArt graphic in a document  
Answer: B

16. Mary wants to transfer data from a laptop to a tablet computer using unguided media. Select the best option to use for this purpose from the following: (2mks)  
a. Bluetooth  
b. Microwave transmission  
c. Fiber optic cables  
d. Coaxial cables  
Answer: A

17. The following are functions of an operating system except: (2mks)  
a. Data backup  
b. File management  
c. Loading application software  
d. Provides security  
Answer: A

18. In a computer network, a switch can be used to: (2mks)  
a. Deliver data packets to the intended destination port  
b. Ensure data packets use the best possible route to get to the destination  
c. Translate data from one kind of protocol to another  
d. Link two or more network segments together  
Answer: A

19. Viruses, Trojans and worms are examples of: (2mks)  
a. Firewalls  
b. Malware  
c. Social engineering  
d. Natural hazards  
Answer: B

20. Which of the following contain portable computers? (2mks)  
A. Micro computers  
B. Super computers  
C. Mini computers  
D. Desktop computer  
Answer: A

21. A person who writes computer software for running the hardware of a computer is called: (2mks)  
A. Systems analyst  
B. Programmer  
C. Systems designer  
D. Data processor  
Answer: B

22. The purpose of computer software is to turn data into: (2mks)  
a. Information  
b. Program  
c. Knowledge  
d. Object  
Answer: A

23. Which of the following is NOT a component of system unit? (2mks)  
A. Processor  
B. Random access memory  
C. Flash disk  
D. Power supply unit  
Answer: C

24. A computer designed to process requests and deliver data to another computer over the internet or a local network is known as? (2mks)  
A. Client  
B. Server  
C. Node  
D. Workstation  
Answer: B

25. A circuit board installed in a computer that provides a dedicated network connection to the computer is known as? (2mks)  
A. Network interface card  
B. Modem  
C. Port  
D. Network interface cable  
Answer: A

26. A document reader is an input device, which can read data directly from source documents. Which one of the following is NOT a document reader? (2mks)  
A. Scanner  
B. Optical character reader  
C. Optical mark reader  
D. Keyboard  
Answer: D

27. Which of the following is defined as a copy of computer data taken and stored elsewhere so that it may be used to restore the original after a data loss event? (2mks)  
A. Disaster plan  
B. Recovery  
C. Backup  
D. Copyright  
Answer: C

29. Identify an advantage of information communication technology (ICT) in the education sector. (2mks)  
A. ICT use in the classroom can be a distraction  
B. ICT can detract students from social interactions  
C. ICT use motivates learning  
D. ICT can foster cheating  
Answer: C

30. The type of an operating system which allows a single CPU to execute what appears to be more than one program at the same time is called: (2mks)  
a. Multiprocessing  
b. Multiprogramming  
c. Multiuser  
d. Parallel  
Answer: B

31. What is the name given to a computer network for interconnecting electronic devices within an individual person's workspace? (2mks)  
A. Personal area network (PAN)  
B. Metropolitan area network (MAN)  
C. Wide area network (WAN)  
D. Virtual private network (VPN)  
Answer: A

32. A \_\_\_\_\_\_\_\_\_\_\_ consists of two or more computers connected together. (2mks)  
A. Network  
B. Server  
C. Client  
D. Cable  
Answer: A

33. The Internet is an example of a: (2mks)  
A. Metropolitan Area Network  
B. Campus Area Network  
C. Wide Area Network  
D. Local Area Network  
Answer: C

34. Which of the following artificial intelligence technologies incorporates the use of voice recognition, voice synthesis and language comprehension systems? (2mks)  
A. Virtual reality systems  
B. Natural language processing  
C. Computer aided detection  
D. Magnetic resonance imaging  
Answer: B

35. Which of the following features is NOT part of a database? (2mks)  
A. Tables  
B. Records  
C. Fields  
D. Worksheets  
Answer: D

36. Which of the following is NOT a backup storage device? (2mks)  
A. Hard disk  
B. DVD  
C. Cache  
D. CD  
Answer: C

38. Which of the following refers to a grid in spreadsheet software consisting of cells, rows and columns? (2mks)  
A. Worksheet  
B. Workbook  
C. Gridlines  
D. Workflow  
Answer: A

39. Which of the following is measured using “dots per inch”? (2mks)  
A. Screen size  
B. Data speeds for modems  
C. Resolution of an image  
D. Processing speed  
Answer: C

40. Which of the following network devices can connect similar types of local area networks, while keeping local data inside its own network? (2mks)  
A. Bridges  
B. Repeaters  
C. Routers  
D. Switches  
Answer: A

41. What is the function of uninterruptible power supply (UPS)? (2mks)  
A. It is a device that stores chemical energy and converts it to electrical energy  
B. It provides enough electricity to a computer during a power outage so that the user can save files before shutting down the computer  
C. It is a device which converts mains AC to low-voltage regulated DC power for the internal components of a computer  
D. It means electric energy or capacity supplied by an electric utility to replace electric energy ordinarily generated by a qualifying facility's own electric generation equipment during an unscheduled outage of the qualifying facility  
Answer: B

42. Identify two advantages of using new technology in businesses. (2mks)  
A. I and II  
B. II and III  
C. I and IV  
D. II and IV  
Answer: C

43. Which of the following refers to a security measure system that acts as a trap for hackers and can be used to study hacking attempts on a system? (2mks)  
A. Honeypots  
B. Encryption  
C. Backups  
D. Controls  
Answer: A

44. Which of the following is NOT part of a Computer processor? (2mks)  
A. Register  
B. Cache  
C. Bus  
D. RAM  
Answer: D