**1. Which of the following is an example of an output device? (2mks)**  
A. Mouse  
B. Speakers  
C. Processor  
D. Flash disk  
**Answer: B**

**2. One characteristic of third generation computers is the use of: (2mks)**  
A. Transistors  
B. Integrated circuits  
C. Vacuum tubes  
D. Parallel processing  
**Answer: B**

**3. 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**

**4. 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**

**5. Which one of the following is NOT an example of antivirus software? (2mks)**  
A. Kaspersky  
B. McAfee  
C. Acrobat  
D. Avira  
**Answer: C**

**6. 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**

**7. The following are examples of system software EXCEPT: (2mks)**  
A. Operating system  
B. Word processor  
C. Utility  
D. Device driver  
**Answer: B**

**8. Which ONE of the following is NOT an example of an operating system? (2mks)**  
A. MacOS  
B. Android  
C. Oracle  
D. Linux  
**Answer: C**

**9. 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**

**10. 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**

**11. 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**

**12. Which of the following software is NOT contained in Microsoft Office suite? (2mks)**  
A. Word  
B. Publisher  
C. Outlook  
D. Sage  
**Answer: D**

**13. 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**

**14. 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**

**15. 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**

**16. 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**

**17. 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**

**18. Viruses, Trojans and worms are examples of: (2mks)**  
A. Firewalls  
B. Malware  
C. Social engineering  
D. Natural hazards  
**Answer: B**

**19. 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**

**20. The purpose of computer software is to turn data into: (2mks)**  
A. Information  
B. Program  
C. Knowledge  
D. Object  
**Answer: A**

**21. A set of parallel wires or electronic pathway used to transmit data, address and control signals in between the CPU and other components of the motherboard are known as: (2mks)**  
A. Bus  
B. Register  
C. Processor  
D. Port  
**Answer: A**

**22. 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**

**23. 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**

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

**25. 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**

**26. The purpose of computer software is to turn data into: (2mks)**  
A. Information  
B. Program  
C. Knowledge  
D. Object  
**Answer: A**

**27. 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**

**28. 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**

**29. 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**

**30. 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**

**31. 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**

**32. The following are sources of computer viruses, EXCEPT: (2mks)**  
A. Freeware and shareware  
B. Use of pirated software  
C. Fake games  
D. Dirty computer environment  
**Answer: D**

**33. 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**

**34. 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**

**35. 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**

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

**37. 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**

**38. 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**

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

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

**41. FORTRAN, BASIC, COBOL are examples of: (2mks)**  
A. High level programming languages  
B. Low level programming languages  
C. Assembly languages  
D. Application software  
**Answer: A**

**42. 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**

**43. 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**

**44. 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**

**45. 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**

**46. 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**

**47. — MISSING QUESTION —**  
(Kindly confirm question 47 so it can be included.)

**48. — MISSING QUESTION —**  
(Kindly confirm question 48 so it can be included.)

**49. 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**

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