LF5 IT ENGLISH FINAL ACCESSMENT TEST

1.   What does CPU stand for? (1)

2.   Name three peripheral components of a computer and their functions (3 marks)

    a)

    b)

    c)

3.   Which of the following statements is NOT true about the super computers? (1marks)

    a) They are generally used by scientists to perform specific tasks.
    b) They are very powerful and very expensive.
    c) They have a single chip microprocessor.
    d) They are used for doing intensive and critical calculations.

4.   Name four methods of Data back up? (4 marks)

    A)

    B)

    C)

    D)

5. **BIOS and UEFI are both useful in computer booting processes. Explain how they work and state their differences. (6 Marks)**

6. **What do the initials DHCP stand for? (1 Mark)**

7. **Fill in the layers of the TCP/IP and OSI models. (10 marks)**

TCP / IP model	Protocols & services	OSI model
	HTTPS, HTTP, FTTP, Telnet, NTP, DHCP, PING	
	TCP, UDP	
	IP, ARP, ICMP, IGMP	
	Ethernet	

8. **State four network topologies and mention an advantage and a disadvantage for each. (4 Marks)**
   a)

   b)

   c)

   d)

9.   The ERP and BI are examples of enterprise software. What is their function for Business? (8 Marks)

ERP	BI
What does ERP stand for?	**What BI stand for?**
Advantages	**Advantages**
•	•
•	•
•	•
Disadvantages	**Disadvantages**
•	•
•	•
•	•

10.   Mention two examples of web-based software application. (2 Marks)

a)

b)

11. How useful is IDE for a programmer? Explain. (4 marks)

12. Give the English translation for the following German vocabulary. (10 Marks)

1. Speichergerät

2. Suchmaschine

3. Betriebssystem

4. Tastatur

5. Anwendung

6. Optisches Laufwerk

7. Ermöglichen

8. Verteilen

9. Verschlüsselung

10. Instandhaltung

13. VPN and Firewalls are both methods of internet security. Explain how they function. (4Marks)

14.   Mention 5 departments of a company and their responsibilities. (10 marks)

1

2

3

4

5

15.   What is the difference between the volatile and the non-volatile data storage. (2 Marks)

16.   State 3 advantages and disadvantages of the cloud storage. (2 marks)

17.   Give an appropriate description for the following: (3 Marks)

   An app (application)

   A computer hardware

   Peripheral components

18.   The Network technology has a list of advantages and disadvantages as well. List 3 advantages and 3 disadvantages of this type of technology. (6 marks)