

Question2 (15 points): Read these sentences carefully, then answer with true or false

1.	CU is used to temporarily store program instructions and instruction results.	
2.	High density laser beam is used to read from an optical disk.	
3.	Android is an open source operating system software.	
4.	The speed of the upstream is 8 times the speed of the downstream.	
5.	Disk defragmentation increases data access efficiency (speed).	
6.	The web uses a peer to peer network architecture.	
7.	HTTP is an internet protocol.	
8.	All computers with CD drive can read DVD.	
9.	Twisted pair cables is more expensive than fiber optics.	
10.	In the ring topology, if the shared line failed the whole network will fail.	
11.	The higher the resolution of an image the bigger the file size of the stored image.	
12.	The HDD disk surface is divided into sectors and tracks.	
13.	192.186.100.0 is a valid IP address	
14.	Computers found in cars are classified as supercomputers.	
15.	More CPU cores means better performance.	

Question3(15 points): Choose the most suitable answer and fill it in the table below:

يرجى تعبئة الإجابات في الجدول التالي

Question no.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Answer															

1. Increasing the main memory size (capacity) will

- a. Increase the system performance
- b. Decrease the system performance
- c. Has no effect on performance
- d. Nothing of the above.

2. Which of the following memory types uses magnetic field to store data

- a. CD
- b. SSD
- c. HDD
- d. Blu-ray

3. PPI is a metric typically used to describe the

- a. Aspect ratio
- b. Sharpness
- c. Resolution
- d. Nothing of the above

4. One of the following memories stores data permanently

- a. Cache
- b. Main memory
- c. ROM
- d. Registers

5. One of the following is an impact printer

- a. Daisy wheel
- b. Plotter
- c. thermal printer
- d. inkjet

6. 2 Mbytes equal

a. 2×2^{20} TByte

b. $2/2^{20}$ TByte

c. 2^{30} TByte

d. $1/2^{30}$ TByte

7. The operating system is responsible for

a. Memory management

b. Peripheral management

c. User interface

d. All of the above

8. The measure that is related to the amount of data that can be transmitted over a network in a given amount of time is

a. Speed

b. Bandwidth

c. Size

d. Cost

9. Which of the following memory types is the fastest

a. Cache

b. SSD

c. HDD

d. Registers

10. Microsoft office is a

a. Device driver

b. Utility software

c. Desktop application

d. Firmware

11. Which of the following is an output device

a. Bar code scanner

b. Joystick

c. speaker

d. microphone

12. The cloud storage does not achieve

a. Privacy

b. Accessibility

c. big storage

d. All the above

13. Denial of service attack

- a. Done by overwhelming a server by requests from thousands of computers at the same time.
- b. Done by creating a fake site to deceive users.
- c. Done by social engineering behavior.
- d. Happened when we use Bluetooth.

14. Which of the following is a network security system

- a. Worm
- b. firewall
- c. Wi-Fi
- d. Malware

15. Which of the following transmission media has the highest transmission rate

- a. Twisted pair
- b. Coaxial cable
- c. Fiber optics
- d. All have the same transmission rate.

End of the exam