

Data & Storage Units (Multiple Choice)

Instructions: Read each question and circle the correct answer.

1. What is the smallest unit of data in a computer?

- a) Byte
- b) Bit
- c) Kilobyte
- d) Megabyte

2. How many bits are in a byte?

- a) 4
- b) 16
- c) 8
- d) 100

3. Which is bigger: 1 Megabyte (MB) or 1 Kilobyte (kB)?

- a) MB
- b) kB
- c) They are the same
- d) Cannot tell

4. Arrange the following from smallest to largest: Byte, Kilobyte, Megabyte, Gigabyte, Terabyte

- a) Byte < MB < kB < GB < TB
- b) TB < GB < MB < kB < Byte
- c) Byte < kB < MB < GB < TB
- d) kB < Byte < MB < TB < GB

5. 2 kB = _____ bytes

- a) 200
- b) 2000
- c) 2048
- d) 2

6. 5 MB = _____ kB

- a) 50
- b) 500
- c) 5000

- d) 50000

7. 1 GB = _____ MB

- a) 100
- b) 1000
- c) 1024
- d) 2048

8. Which file needs the most storage?

- a) A Word document
- b) A song
- c) A movie
- d) A photo

9. Can you fit 1000 photos (3 MB each) on an 8 GB USB stick?

- a) Yes
- b) No
- c) Only if compressed
- d) Only if it's an SSD

10. Which is faster in a computer: RAM or SSD?

- a) RAM
- b) SSD
- c) HDD
- d) USB stick

11. A file is 4,000 bytes. Is this more or less than 1 kB?

- a) More
- b) Less
- c) Exactly equal
- d) Depends on the file type

12. What unit best measures a full computer backup?

- a) Kilobyte
- b) Megabyte
- c) Gigabyte
- d) Byte