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# Introduction to Computer Questions for IBPS RRB and UGC Net Exams.

## Intro Computer Quiz 3

Directions : Read the following questions carefully and choose the right answer.

1. 1 nibble equals to?

- A. 1 bit      B. 2 bits      C. 4 bits      D. 8 bits      E. None of the above

2. ASCII stands for \_\_\_\_\_.

- A. American special computer for Information Interaction  
B. American standard computer for Information Interchange  
C. American standard code for Information Interchange  
D. American special code for Information Interaction  
E. None of these

3. A Petabyte comprises of?

- A. 1000 Exabytes      B. 1000 Terabytes      C. Other than the options      D. 1024 Brontobytes  
E. 1024 Kilobytes

4. Which of the following is not a character included in the Octal Number System?

- A. 8      B. 7      C. 0      D. 1      E. None of these

5. Which of the following is a valid statement?

- A. 1 KB = 1024 Bytes      B. 1 MB = 1024 Bytes      C. 1 KB = 1000 Bytes      D. 1 MB = 1000 Bytes      E. All of these

6. How many gigabytes are there in a petabyte?

- A. 1000      B. 0.001      C. 100      D. 1000000      E. 5000

7. How many bits make 1 Nibble?

- A. 4      B. 2      C. 8      D. 10      E. 6

8. \_\_\_\_\_ is an example of the Volatile Memory.

- A. Floppy disks      B. ROM      C. Optical disc      D. RAM      E. Magnetic tape

9. Which of the following is the universal gate?

- A. NAND      B. OR      C. XOR      D. NOT      E. AND

10. One Peta Byte is equivalent to \_\_\_\_\_ .

- A. 2048 Tera Byte    B. 4096 Terabit    C. 2048 Giga Byte    D. 1024 Tera Byte    E. 4096 Giga Byte

Correct Answers:

1	2	3	4	5	6	7	8	9	10
C	C	B	A	A	D	A	D	A	D



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## Answers :

- 1.** In computers, everything is represented in terms of bits in terms of 1's or 0's. A bit represents a single 1 or 0. A nibble consists of 4 bits or it constitutes to a hexadecimal unit. A byte consists of 8 bits which is also called an octet. Nibble can be also termed as half byte. "11110000" this can be said as a byte and half of this is nibble that is "1111".

Therefore the answer is (C) 4bits

- 2.** ASCII also known as the American Standard Code for Information Interchange, it is a code for displaying English characters as numbers where each letter is assigned a number from 0 to 127. Although the alphabets are 26 but there is a separate code for uppercase (A) and for Lowercase(a). For example, the ASCII code for uppercase M is 77. We use only 128 (0-127) characters but in total there are 256 (0 to 255) characters in the ASCII table.

Therefore, the Answer is (C) American Standard Code for Information Interchange

- 3.** A Petabyte (PB) is 1015 bytes of data, 1,000 terabytes (TB) or 1,000,000 gigabytes (GB).

Hence, option B is correct.

- 4.** The octal numeral system is the base-8 number system, and uses the digits 0 to 7.

Hence, option A is correct.

- 5.** 1024 bytes in a kilobyte. The reason for this is because computers are based on the binary system.

Hence, option A is correct.

- 6.** The unit symbol for the petabyte is PB and Gigabyte is GB.

1KB = 125 bytes, 1GB= 125000KB and 1PB = 1000000GB.

Therefore (D) 1000000 is the correct answer.

- 7.** In computing, a nibble is a set of 4-bit or half an octet. Bit is a smallest unit of data.

It is also known as half-byte.

A nibble has sixteen possible values.

A nibble can be represented by a single hexadecimal digit.

Hence, option A is correct.

**8.** Volatile memory is computer memory that requires power to maintain the stored information.

It retains its contents while powered on but when the power is interrupted, the stored data is quickly lost.

Random-Access Memory (RAM) is an example of volatile memory.

Others are the example of non-volatile memory.

Hence, option D is correct.

**9.** A universal gate is a gate which can implement any Boolean function without need to use any other gate type.

The NAND and NOR gate are universal gates.

In practice, this is advantageous since NAND and NOR gates are economical and easier to fabricate and are the basic gates used in all IC digital logic families.

Hence, option A is correct.

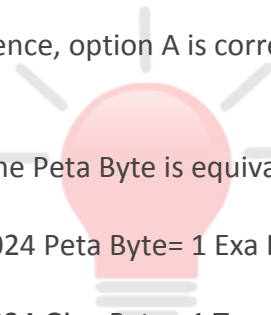
**10.** One Peta Byte is equivalent to 1024 Tera Byte.

1024 Peta Byte= 1 Exa Byte

1024 Giga Byte= 1 Tera Byte

1024 Mega Byte = 1 Giga Byte

Hence, option D is correct.



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