

## Number Systems

| Sr | Questions                                                                           | Answers Choice                                                                                                                                                                               |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | How many bytes are used to store a typical integer?                                 | A. 1 byte<br>B. 2 bytes<br>C. 4 bytes<br>D. 8 bytes                                                                                                                                          |
| 2  | Which of the following is a key advantage of Unicode over ASCII?                    | A. It uses fewer bits per character<br>B. It is backward compatible with binary<br>C. It is specific to the English language<br>D. It can represent characters from many different languages |
| 3  | Which of the following numbers is a valid binary number?                            | A. 1101102<br>B. 1101 A<br>C. 110.11<br>D. 11011                                                                                                                                             |
| 4  | ASCII stands for                                                                    | A. American Standard Code<br>B. Standard Institute<br>C. Information code<br>D. American Standard Code for Information Interchange.                                                          |
| 5  | The smallest amount of data to be stored in computer's memory is a 0 OR 1 is called | A. Byte<br>B. Bit<br>C. GB<br>D. KB                                                                                                                                                          |
| 6  | 1 GB = (1,024) MB or.....bytes.                                                     | A. (1,024) <sup>5</sup> bytes<br>B. (1,024)KB or (1,024) <sup>2</sup><br>C. 8<br>D. (1,024) <sup>3</sup>                                                                                     |
| 7  | CPU stands for?                                                                     | A. Central Processing Unit<br>B. Central Processing Unity<br>C. Central Processing United<br>D. None of these                                                                                |
| 8  | Base of Octal Number system is.                                                     | A. 2<br>B. 8<br>C. 10<br>D. 16                                                                                                                                                               |
| 9  | In primary and secondary storages data is stored in the form of.                    | A. Bytes<br>B. Bit<br>C. Nibble<br>D. GB                                                                                                                                                     |
| 10 | ASCII Code for 'P' is.....?                                                         | A. 80<br>B. 81<br>C. 82<br>D. All of these                                                                                                                                                   |
| 11 | (1024) TB or (1,024) <sup>5</sup> bytes is equal to.                                | A. 1 TB<br>B. 1 PB<br>C. 1 KB<br>D. 1 GB                                                                                                                                                     |
| 12 | Brain of computer is.....?                                                          | A. RAM<br>B. UDP<br>C. CPU<br>D. RAM                                                                                                                                                         |
| 13 | Which number system has base 16 ?                                                   | A. Hexa decimal<br>B. Decimal<br>C. Octal<br>D. Binary                                                                                                                                       |
| 14 | What are the tiny dots that make up an image called?                                | A. Pixels<br>B. Bits<br>C. Bytes<br>D. ..                                                                                                                                                    |

D. Nodes

15 MAC stands for?  
A. Media Access Control  
B. Media Access Central  
C. Medial Access configure  
D. Medial Access connect

16 In Binary Os represents.....?  
A. ON  
B. OFF  
C. OF  
D. None of these

17 UTF stands for?  
A. Unicode Transformation Formula  
B. United Transformation format  
C. Unicode Transforantion Formation  
D. None of these

18 How many bits are used in the standard ASCII encoding?  
A. 7 bits  
B. 8 bits  
C. 16 bits  
D. 32 bits

19  $11_{10}$  is an example of .....number  
A. Binary  
B. Decimal  
C. Hexadecimal  
D. Octal

20 In an RGB color model, what does RGB stand for?  
A. Red. Green Brown  
B. Red, Gray, Black  
C. Red, Green, Blue  
D. Right ,Green, Blue