

# QB365 Question Bank Software Study Materials

## Domain name system (DNS) 50 Important 1 Marks Questions With Answers (Book Back and Creative)

12th Standard

### Computer Applications

Total Marks : 50

#### Multiple Choice Question

50 x 1 = 50

- 1) Which of the following is used to maintain all the directories of domain names?  
**(a) Domain name system** (b) Domain name space (c) Name space (d) IP address
- 2) Which of the following notation is used to denote IPv4 addresses?  
(a) Binary (b) Dotted-decimal (c) Hexadecimal **(d) a and b**
- 3) How many bits are used in the IPv6 addresses?  
(a) 32 (b) 64 **(c) 128** (d) 16
- 4) Expansion of URL is  
(a) Uniform Resource Location (b) Universal Resource Location **(c) Uniform Resource Locator**  
(d) Universal Resource Locator
- 5) How many types are available in URL?  
**(a) 2** (b) 3 (c) 4 (d) 5
- 6) Maximum characters used in the label of a node?  
(a) 255 (b) 128 **(c) 63** (d) 32
- 7) In the domain name, the sequence of labels is separated by  
(a) Semicolon (;) **(b) dot (.)** (c) colon (:) (d) NULL
- 8) Which of the following initiates the mapping of domain name to IP address?  
(a) Zone (b) Domain (c) Resolver **(d) Name servers**
- 9) Which is the contiguous area up to which the server has access?  
**(a) Zone** (b) Domain (c) Resolver (d) Name servers
- 10) Root Name servers are maintained by  
(a) IANA **(b) ICANN** (c) WHOIS (d) DNS
- 11) In earlier, websites were accessed through their  
(a) Name server (b) Label **(c) IP address** (d) Resolver
- 12) Website were accessed through their\_\_\_\_\_  
(a) HTML (b) URL (c) domain **(d) IP addresses**
- 13) To enable the use of domain names in a network\_\_\_\_\_ is used.  
(a) HTML (b) URL **(c) DNS** (d) IP addresses
- 14) In IPv6 address, the 128 bits are divided into\_\_\_\_\_ blocks  
(a) 4 **(b) 16** (c) 4 (d) 5

- 15) The WHO is a service of\_\_\_\_\_
- (a) JANA (b) DNS (c) **ICANN** (d) None of these
- 16) Which layer is one among the seven layers?
- (a) IP address layer (b) Internet (c) Root layer (d) **Application**
- 17) Which is based on IP addresses?
- (a) Node (b) **Internet** (c) Domain name (d) Intranet
- 18) Which of the following is simply the logical address in the network layer?
- (a) Internet protocol (b) DNS (c) Domain (d) **IP address**
- 19) Which address is a 32-bit unique address given to a computer system?
- (a) IPv5 (b) **IPv4** (c) IPv3 (d) IPv6
- 20) Which is the total number of address that can be made by that protocol?
- (a) Domain space (b) **Address space** (c) Domain name space (d) Node
- 21) The number of address that can be formed in IPv4 is \_\_\_\_\_.
- (a)  $2^{126}$  (b)  $2^{128}$  (c)  **$2^{32}$**  (d)  $2^{16}$
- 22) How many ways are there to represent IP address?
- (a) **2** (b) 3 (c) 4 (d) 5
- 23) URL is made up of \_\_\_\_ parts
- (a) 2 (b) 3 (c) **4** (d) 5
- 24) Which of the following is the complete address of a document on the Internet?
- (a) IPv4 (b) IPv6 (c) **Absolute URL** (d) Relative URL
- 25) Which of the following name is assigned to the IP address?
- (a) **Flat name space** (b) DNS Name (c) Hereditary name space (d) URL name
- 26) To achieve hierarchical name space,\_\_\_\_\_ was designed?
- (a) node (b) Protocol (c) **DNS** (d) Name space
- 27) DNS tree can have maximum of \_\_\_\_\_ levels.
- (a) 126 (b) 127 (c) **128** (d) 132
- 28) In DNS, root element is present at the \_\_\_\_\_most level.
- (a) left (b) right (c) **top** (d) bottom
- 29) Which of the following are the names given to domain?
- (a) root (b) **label** (c) string (d) DNS
- 30) How can you read the domain name?
- (a) Higher to lower (b) left to right (c) right to left (d) **lower to higher**
- 31) Domain name has entirely at most \_\_\_\_\_ characters long.
- (a) 256 (b) 126 (c) 63 (d) **253**
- 32) Generic top level domain are maintained by \_\_\_\_\_.

- (a) Domain name (b) DNS (c) **IANA** (d) ICANN
- 33) Which of the following is a main part in the DNS?  
(a) Name space (b) **Name server** (c) resolver (d) zone
- 34) Which of the following can contain more than one sub domains?  
**(a) Zone** (b) Zone file (c) Server (d) Domain
- 35) Which is an affiliated authority of ICANN?  
(a) DNS (b) TLD (c) **IANA** (d) WHOIS
- 36) How many are there to represent the IP address?  
(a) 4 (b) 3 (c) 1 (d) **2**
- 37) The number of address that can be formed in IPv6 is  
(a)  $2^{32}$  (b)  $2^{64}$  (c)  **$2^{128}$**  (d)  $2^{16}$
- 38) The IPv6 address is written in Hexadecimal notation separated by  
**(a) :** (b) , (c) ; (d) .
- 39) Which of the following is not a part of URL?  
**(a) IP address** (b) Protocol (c) Folder name (d) file name
- 40) Which URL is the complete address of the document on the Internet?  
(a) Path URL (b) Relative URL (c) Address URL (d) **Absolute URL**
- 41) How many parts are very important in absolute URL?  
(a) 2 (b) 3 (c) **4** (d) 6
- 42) Which of the following part is not needed in Relative URL?  
(i) Protocol  
(ii) Folder name  
(iii) hostname  
(iv) filename  
(a) i and ii (b) ii and iii (c) iii and iv (d) **i and iii**
- 43) Which of the following is not a component of DNS?  
**(a) URL** (b) Namespace (c) Name server (d) Zone
- 44) In hierarchical name space, the root elements of the tree always represent the string  
(a) 0 (b) 1 (c) -1 (d) **NULL**
- 45) A group of contiguous domains and sub-domains is known as  
**(a) Zone** (b) Resolver (c) Server (d) Name space
- 46) How many types of zone file are available?  
(a) 3 (b) 4 (c) **2** (d) 1
- 47) Which of the following are managed by IANA?  
(a) DNS Root (b) IP Addressing (c) Internet protocol resource handling (d) **All of these**
- 48) In hierarchical name space, names are represented with \_\_\_\_\_ structure.  
**(a) tree** (b) root (c) hair (d) name

49) The entire domain name may be atmost \_\_\_\_\_ Characters long.

- (a) 63 (b) 256 **(c) 253** (d) 255

50) ICANN stands for \_\_\_\_\_

- (a) Internet corporation for assigned Name and Numbers** (b) Internal companies for Assigned Name and Numbers  
(c) India Corporation for Associative Name and Numbers (d) None of these