

All the Multiple Choice Question and Answer (MCQs) have been compiled from the books of Data Communication and Networking by the well known author **behrouz A forouzan**.

This Data Communication and Networking – **Domain Name System** multiple choice Questions and Answers (MCQ) PDF covers the below lists of topics.

1. DNS client Multiple Choice Question and Answer.
2. Recursive resolution Multiple Choice Question and Answer.
3. Iterative resolution Multiple Choice Question and Answer.
4. Fully qualified Domain name (FQDN) Multiple Choice Question and Answer.
5. Partially qualified domain name (PQDN) Multiple Choice Question and Answer.
6. DNS messages Multiple Choice Question and Answer.
7. DNS records Multiple Choice Question and Answer.
8. Dynamic DNS (DDNS) Multiple Choice Question and Answer.

Practice now to sharpen your concept.

- 1. In a _____ name space, a name is assigned to an address. A name in this space is a sequence of characters without structure.**
 - A. flat
 - B. hierarchical
 - C. organized
 - D. none of the above

- 2. In a _____ name space, each name is made of several parts.**
 - A. flat
 - B. hierarchical

- C. organized
- D. none of the above

3. To have a hierarchical name space, a _____ was designed.

- A. domain space
- B. domain name
- C. domain name space
- D. none of the above

4. In the DNS, the names are defined in _____ structure

- A. a linear list
- B. an inverted-tree
- C. a graph
- D. none of the above

5. Each node in the tree has a _____, which is a string with a maximum of ____ characters.

- A. label; 127
- B. name; 255
- C. label; 63
- D. none of the above

6. The root of the DNS tree is _____.

- A. a string of characters
- B. a string of 63 characters
- C. an empty string
- D. none of the above

7. A full domain name is a sequence of labels separated by

_____.

- A. semicolons
- B. dots
- C. colons
- D. none of the above

8. If a label is terminated by a null string, it is called a _____.

- A. PQDN
- B. FQDN
- C. SQDN
- D. none of the above

9. If a label is not terminated by a null string, it is called a

_____.

- A. PQDN
- B. FQDN
- C. SQDN
- D. none of the above

10. A _____ is a subtree of the domain name space.

- A. label
- B. name
- C. domain
- D. none of the above

Answer key for MCQ SET- 1	
Q-1	Correct Answer :flat
Q-2	Correct Answer :hierarchical

Q-3	Correct Answer :domain name space
Q-4	Correct Answer :an inverted-tree
Q-5	Correct Answer :label; 63
Q-6	Correct Answer :an empty string
Q-7	Correct Answer :dots
Q-8	Correct Answer :FQDN
Q-9	Correct Answer :PQDN
Q-10	Correct Answer :domain

Domain Name System multiple choice questions and answers MCQ Set-2

1. What a server is responsible for or has authority over is called a _____.

- A. domain
- B. label
- C. zone
- D. none of the above

2. A _____ is a server whose zone consists of the whole tree.

- A. domain server
- B. zone server
- C. root server
- D. none of the above

3. A _____ server loads all information from the disk file

- A. primary
- B. secondary
- C. zone
- D. none of the above

- 4. A _____ server loads all information from the primary server.**
A. primary
B. secondary
C. zone
D. none of the above
- 5. When the secondary downloads information from the primary, it is called _____ transfer**
A. domain
B. zone
C. label
D. none of the above
- 6. In the Internet, the domain name space (tree) is divided into _____ different sections**
A. three
B. two
C. four
D. none of the above
- 7. The _____ domains define registered hosts according to their generic behavior.**
A. generic
B. country
C. inverse
D. none of the above

8. The first level in the generic domains section allows _____ possible labels

- A. 10
- B. 12
- C. 16
- D. none of the above

9. The _____ domain section uses two-character country abbreviations

- A. generic
- B. country
- C. inverse
- D. none of the above

10. The _____ domain is used to map an address to a name.

- A. generic
- B. country
- C. inverse
- D. none of the above

Answer key for MCQ SET- 2	
Q-1	Correct Answer :zone
Q-2	Correct Answer :root server
Q-3	Correct Answer :primary
Q-4	Correct Answer :secondary
Q-5	Correct Answer :zone
Q-6	Correct Answer :three
Q-7	Correct Answer :generic

Q-8	Correct Answer :none of the above
Q-9	Correct Answer :country
Q-10	Correct Answer :inverse

Domain Name System multiple choice questions and answers MCQ Set-3

1. In _____ resolution, the resolver expects the server to supply the final answer

- A. iterative
- B. recursive
- C. straight
- D. none of the above

2. In _____ resolution, the server returns the IP address of the server that it thinks can resolve the query.

- A. iterative
- B. recursive
- C. straight
- D. none of the above

3. In the domain name chal.atc.fhda.edu, _____ is the least specific label.

- A. chal
- B. atc
- C. edu
- D. none of the above

4. In the domain name chal.atc.fhda.edu, _____ is the most specific label

- A. chal
- B. atc
- C. fhda
- D. none of the above

5. A host with the domain name pit.arc.nasa.gov. is on the _____ level of the DNS hierarchical tree. (The root is level one.)

- A. third
- B. fourth
- C. fifth
- D. none of the above

6. A pointer query involves the _____ domain

- A. inverse
- B. reverse
- C. root
- D. none of the above

7. DNS can use the services of _____ using the well-known port 53.

- A. UDP
- B. TCP
- C. either (a) or (b)
- D. none of the above

Answer key for MCQ SET- 3	
Q-1	Correct Answer :recursive

Q-2	Correct Answer :iterative
Q-3	Correct Answer :edu
Q-4	Correct Answer :chal
Q-5	Correct Answer :fifth
Q-6	Correct Answer :inverse
Q-7	Correct Answer :either (a) or (b)
Q-8	
Q-9	
Q-10	