

19 Lecture - CS201

Important Mcqs

1. **Which of the following is true about Sequential Access Files?**

- a) Data can be accessed randomly
- b) Data can only be accessed in a particular order
- c) They are used for real-time processing
- d) They are inefficient in handling large amounts of data

Answer: b) Data can only be accessed in a particular order

2. **Which of the following is an advantage of Sequential Access Files?**

- a) Random access to data
- b) Require high overhead
- c) Can handle large amounts of data efficiently
- d) Suitable for real-time processing

Answer: c) Can handle large amounts of data efficiently

3. **Which of the following is a disadvantage of Sequential Access Files?**

- a) Random access to data
- b) Require less overhead
- c) Can handle small amounts of data efficiently
- d) Not suitable for real-time processing

Answer: a) Random access to data

4. **Sequential Access Files are commonly used in which of the following applications?**

- a) Gaming
- b) Social media
- c) Accounting
- d) Email

Answer: c) Accounting

5. **Which of the following is an example of a Sequential Access File?**

- a) A database
- b) A text file
- c) A spreadsheet
- d) A binary file

Answer: b) A text file

6. **Which of the following is true about writing data to a Sequential Access File?**

- a) Data can be written randomly
- b) Data can only be written in a particular order

- c) It is suitable for real-time processing
- d) It requires high overhead

Answer: b) Data can only be written in a particular order

7. **Which of the following is an example of a situation where Sequential Access Files are suitable?**
- a) Searching for a specific record in a database
 - b) Modifying a record in a database
 - c) Printing a report from a database
 - d) Real-time data processing

Answer: c) Printing a report from a database

8. **Which of the following is a disadvantage of using Sequential Access Files for large data sets?**
- a) They are inefficient in handling large amounts of data
 - b) They require high overhead
 - c) They are not suitable for real-time processing
 - d) They allow random access to data

Answer: a) They are inefficient in handling large amounts of data

9. **Which of the following is an advantage of using Sequential Access Files for batch processing?**
- a) They allow random access to data
 - b) They are suitable for real-time processing
 - c) They require less overhead
 - d) They can handle small data sets efficiently

Answer: c) They require less overhead

10. **Which of the following is true about reading data from a Sequential Access File?**
- a) Data can be read randomly
 - b) Data can only be read in a particular order
 - c) It is suitable for real-time processing
 - d) It requires high overhead

Answer: b) Data can only be read in a particular order