



JSPM's
Bhivarabai Sawant Institute of Technology & Research, Wagholi
Department of Computer Engineering
Academic Year 2019-20 Semester -II

Class: SE (A)
Marks: 40

Subject: DSA (210253)
Unit no: 6 File Organization



Two Mark One Sentence Answer Question (2M)

ANSWER KEY OF 20 QUESTIONS OF 2 MARKS

Q.1	Which are the ways through which we can store the files in secondary storage that is allocation of file?
Ans:	1 sequential file organization. 2 Direct Access file 3 indexed sequential file organization.
Q.2	What is sequential file organization?
Ans:	Sequential file organization is a technique to store file or records one after the other in sequential manner.
Q.3	What is Direct Access file?
Ans:	In Direct access file all records are stored in Direct Access storage device such as hard disk.
Q.4	What is indexed sequential file organization?
Ans:	In this records are stored randomly on a Direct Access device by a primary key.
Q.5	What is file?
Ans:	File is a collection of records related to each other.
Q.6	What is linked organization?
Ans:	A linked organisation or Data Structure is a data structure which is consists of set of data records linked together and organised by reference.
Q.7	What is DBMS?
Ans:	It is database management system which is used to organise the data in manner which can reduce the access time of data.
Q.8	What are the attributes?
Ans:	Attributes are the unique field in the particular record.
Q.9	What is main disadvantage of contiguous memory allocation?
Ans:	It is difficult to find files using this method when the file have large amount of data.
Q.10	What is ifstream and ofstream?
Ans:	Ifstream : input file stream used to read data from file. Ofstream : output file stream used to write data in file.



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Q.11	Which header file includes ifstream and ofstream?
Ans:	fstream.h file includes fstream and ofstream
Q.12	What are the ways in which we can open a file?
Ans:	Using parameterized constructor for open() function.
Q.13	What is (char *)?
Ans:	It is used to write data in the form of character.
Q.14	Which function is used to close the file ?
Ans:	Close() function is used to close the file.
Q.15	What is external sorting?
Ans:	It is a class of sorting algorithms that can handle massive amount of data.
Q.16	What is mean by fixed length record?
Ans:	These are the records whose length cannot change record by record and it is fix.
Q.17	What is mean by variable length record?
Ans:	These are the records whose length may vary record by record.
Q.18	What is k way merge sort?
Ans:	The k way merge problem consists of merging K sorted array to produce a single sorted array with the same element.
Q.19	What is hashing?
Ans:	It is a technique of placing a record on key position where key is produced by a Hash Function.
Q.20	What is inverted file?
Ans:	An inverted file is an index data structure that maps content to its location within a database file.
Q.21	What is mean by iOS ?



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Ans:	It is input output stream used for input and output operation.
Q.22	What does a sizeof() function do ?
Ans:	This function can be used to get the size of classes structures or any other user defined data types.