



Faculty of Computers & Artificial Intelligence

2st Term (2019-2020) Final Exam

class: general year 2nd year

Course Code: DBA 271

Course name: : File Organization

Research submission: From 31 May to 7 June 2020



Benha University

Final Date: 7 / 6 /2020

Total Marks: Pass / Fail

Examiner(s): Dr.Mona arafa

a) Write a research project in ONE of the following topics:

Topic No. 1

Indexing

Store all information about student in your collage in file. Create a simple index for the file. Write functions to handle addition of new student, deletion a student, update the information about student and retrieve the information for a specific student

Topic No. 2

Organizing files

This project aims to organize your files in efficient way. Store all information about students in your collage in file. Such that organizing the records in different ways. The project should include addition, deletion, searching for students, updating the index suold be considered

Topic No. 3

Railway Ticket Reservation System

This system is basically concerned with the reservation and cancellation of railway tickets to the passenger, store all the data in file, the sytem should include mehtoda for reservation and mehtod for cancellation, and reprot for all reservation and cancellation

Topic No. 4

Clinic Management System

Clinic Management System helps healthcare practitioners manage clinical information and patient care services with greater efficiency. This system support

Managing patient, registration

Retrieve all information about patient

Search on specific patients

Topic No. 5

Shop Management System

The system stores all information about products and sales of shop in files. The main functions are Add, edit, delete and view product and sales.

Topic No. 6

Car Rental System

The main objective of the application car Rental System require a temporary vehicle, for example those who do not own their own car, or owners of damaged or destroyed vehicles who are awaiting repair or insurance compensation or travelers who are out of town.

The information of cars should be store in file. The system should tell the users which all information about cars, which cars damaged and can't be used.

b) Notes: please, your research must contain the following elements:

- Title of the project
- Summary
- The aim of the project
- Description of each function
- The code you used to implement the project
- The runtime of the code
- The result

GOOD LUCK,

Examiner(s)

**Head of Departement /
Program Coordinator**