

Senior School Certificate Examination - 2025
Practical Question Paper for 2024-25

SET 1

Subject: Computer Science(083)

Class 12

Time: 3:00 Hours

Max. Marks: 30

1. a) Write a menu drive program to perform the following operations into a binary file emp.dat

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1. Add record
2. Display record
3. Search record (Ask salary range for searching)
4. Exit

The structure of file content is: [id, ename, salary, dept]

b) Observe the following tables of faculty and courses and write queries given below:

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Table - Faculty

F_ID	Fname	Lname	Hire_date	Salary
102	Aryan	Patel	12-10-1998	12000
103	Mahek	Patel	24-12-1994	8000
104	Prince	Lad	18-5-2001	14000
105	Jinal	Shah	11-9-2004	11000
106	Vidhi	Parekh	5-6-2006	10000

Table - Courses

COURSES C_ID	F_ID	Cname	Fees
C21	102	Grid Computing	40000
C22	106	System Design	16000
C23	104	Computer Security	8000
C24	106	Human Biology	15000
C25	102	Computer Network	20000

- a) To display details of those Faculties whose salary is greater than 12000.
- b) To display the details of courses whose fees is in the range of 15000 to 50000 (both values included).
- c) To increase the fees of all courses by 500 of “System Design” Course.
- d) To display the record of all faculties according to their salary in descending order.

2. Practical Report File

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3. Project

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4. Viva Voce

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