



**AB-3728**

**B. C. A. (Sem. II) (CBCS) Examination**

**April/May – 2015**

**206 : Practicals (Old)**

Time : Hours]

[Total Marks :

**Instructions :**

(1)

नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य वपवी. Fillup strictly the details of signs on your answer book.		Seat No. :	
Name of the Examination :		<input type="text"/>	
<input type="text" value="B. C. A. (SEM. II) (CBCS)"/>		<input type="text"/>	
Name of the Subject :		<input type="text"/>	
<input type="text" value="206 : PRACTICALS (OLD)"/>		<input type="text"/>	
Subject Code No. : <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="2"/> <input type="text" value="8"/>		Section No. (1, 2,.....) : <input type="text" value="Nil"/>	
		Student's Signature	

- (2) Write comments in the programme wherever necessary.
- (3) Follow all the instructions given by examiners during Exam.

**Q.1 [a]** Write a program to merge 2 arrays, each of size 5 into 3 rd array of size 10, in ascending order. Read both the arrays from keyboard. **[30]**

**[b]** Write a C program to input line, display individual word in Reverse order. **[30]**  
Line: India is Great  
Output: aidnI si taerG

**Q.2 [a]** Create following tables with appropriate constraints and insert at Least 5 records in each table. **[20]**

Emp\_Master (Emp\_Code, EmpFname, EmpMname, EmpLname, Post, DOJ, Salary)

Project\_Master (PCode, Pname)

Emp\_Proj (EPCode, Emp\_Code, Pcode, Total\_Hrs)

Constraints:

In Emp\_Master table, Emp\_Code must begin with letter 'E'. Eg. E001.

In Emp\_Master table, salary must be  $\geq 5000$ .

In Project\_Master table, Pcode must begin with letter 'P'. Eg. P001

**[b] Solve the following Queries using above tables.**

**[40]**

1. Get Employee details working at the post of 'Programmer' and not allocated any project.
2. Get Employee details that are working for Project 'Student Management System' and DOJ is in the month of April and joining year is 2001.
3. Get total no. of employees under each Post.
4. Get the list of employees who are earning salary below 25000 and working on project 'Inventory Management System'.
5. Find Employee getting minimum salary and working for Project 'P003'.
6. Get the total of salary project wise.
7. Give 5% increment in salary for those employee having salary  $\geq 35000$  and having post of 'Project Leader'.
8. List Employees working on project having highest total no. of hrs.
9. List Employee and their project details working on projects having total hrs between 20 and 40.
10. List projects not allocated to any employee.

**Q:-3 viva+journal**

**[20]**

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