

MAHARAJA KRISHNAKUMARSINHJI BHAVNAGAR UNIVERSITY

SY.BCA Practical Examination April-May-2017

Date: 06-04-2017

Time: 09:00 to 12:00

Subject: 207

Marks: 100

SET – 1

Q-1	Write a C program to perform all queue operations using link list.	30
Q-2	Write a C++ program to create files Odd.txt and Even.txt to store odd numbers and even numbers in respective files. Display both files data on command line using command line argument.	30
Q-3	Create database EMP_DB and create following table and fields. Table Name : Emp_Payroll Field : emp_id, emp_name, address, MobileNo, basic_sal, hra, da, net_sal, join_date <ul style="list-style-type: none">• Perform add, update, delete operation.• Display record in the grid view.• When user enter in basic salary field, give HRA = 10% and DA = 10%.• Net Salary will be automatically calculated.• User select a date from the date time picker control, date will be displayed in the join date field.	40
	OR	
Q-3	Create PHP user choice calculator which perform addition, subtraction, multiplication, division and factorial. Take number from user and display answer in textbox.	40

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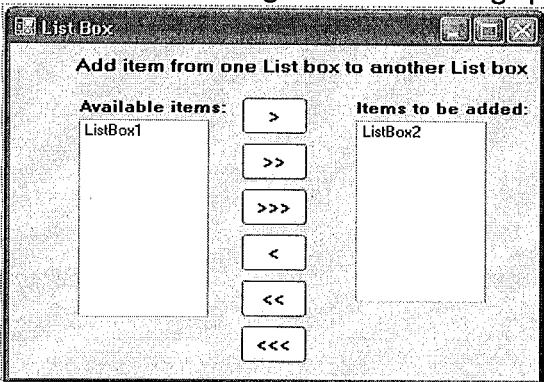
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SET – 2

Q-1	<p>Write a C program to perform following operations using single link list.</p> <ul style="list-style-type: none"> • Create node • Display • Insert first • Insert after position • Delete specific • Search 	30
Q-2	<p>Write a C++ program to overload >> and << operator to accept and display student class data such as stud_no, stud_name, course, year, tot_marks</p>	30
Q-3	<p>Create a window form to generate following application :</p>  <ul style="list-style-type: none"> • When user clicks on '>' button, single selected item will be moved to second list box and vice versa. • When user clicks on '>>' button, more than one selected items will be moved from one list box to another and vice versa. • When user clicks on '>>>', all the items will be moved to second list box and vice versa. 	40
	OR	
Q-3	<p>Create MySql table "Book" and perform insert, update, delete and view operation with PHP validation Fields: book_id, book_name, author_name, publisher, no_of_books, price, total_amount</p>	40