

BCA 5th Semester Examination, 2019

.NET LAB

(Practical)

PAPER —3197

Full Marks : 100

Time : 3 hours

The figures in the right-hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

[SET-1]

GROUP — A

Answer any **one** question : 25 × 1

1. Write a console program to find the prime number in a given range.

2. Write a console program to sort a set of given numbers using any sorting algorithm.
3. Write a console program to convert a decimal number to Binary number.
4. Write a console program to implement binary search.
5. Write a program to construct a half pyramid using '*', taking the no. of rows as input.
6. Write a console program to add two matrices.

GROUP – B

Answer any **one** question : 25 × 1

7. Create a table name **product**, I must some records in this table by using SQL query. You must design a web form to do this. Use the following schema :
product (p-id, p-name, p-price, exp-date)
8. Design a calculator (windows application) where we can add, multiply, subtract numbers.

9. Create a table Employee, with two fields employee-id, Ename. Design a web form where Employee name is search by specific e-id.
10. Create a web page that can store an image in database table. Also view it in another page.
11. Design a windows form which can convert a decimal no. to its Hex Code.

Viva – 15

PNB – 05

[*Internal Assessment* : 30 Marks]

NOTE:

1. All questions are compulsory.

2. The duration of the exam is 3 hours.

3. The total marks are 100.

4. The question paper is in English.

5. The question paper is in Hindi.

6. The question paper is in Marathi.

7. The question paper is in Gujarati.

8. The question paper is in Kannada.

9. The question paper is in Malayalam.

10. The question paper is in Odia.

11. The question paper is in Punjabi.

12. The question paper is in Sindhi.

13. The question paper is in Tamil.

14. The question paper is in Telugu.

15. The question paper is in Urdu.

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(Practical)

PAPER – 3197(Set-2)

Full Marks : 100

Time : 3 hours

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

[SET-2]

GROUP-A

Answer any one question : 25 × 1

- 1. Write a console program to display Fibonacci series upto n number.**

2. Write a console program to check whether a number is palindrome or not.
3. Write a program to display the following :

```
      *
     * *
    * * *
   * * * *
```

4. Write a program to convert binary number to decimal number.
5. Write a program to check whether a number is strong or not.
6. Write a console program to find the factorial of an integer.

GROUP-B

Answer any **one** question : 25 × 1

7. The following database table contains records of some customers :

Customer (cust_id, cust_name, contact_no.)

Create a web page to insert the records into database table. Also view it on the web form.

8. Create web page where we can delete a record with the help of primary key. Use any table.
9. Create a simple calculator which can convert a binary no. to its decimal equivalent.
10. Create a login web page where one can login by providing user name and password. You must use database table and SQL query to do this.
11. Create a Registration Form (windows application) where a student can register for a course. After Registration the values will be stored in database table.

PNB – 05

Viva – 15

[*Internal Assessment – 30 Marks*]
