

1811000101060001-A

B.C.A (Sem -I )

Examination November 2022

Practical-106

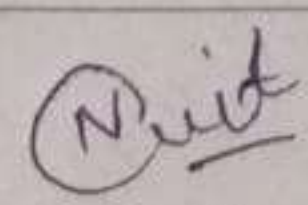
Seat No:

0 6 0 3 6 0 4

[Time: Five Hours]

[Max. marks:140 ]

Instruction: Attempt all questions

  
 Student's Signature

Q.1 Write a C program to input one number and check if it is zero, positive or negative 30

Q.2 Write a C program to display following patterns: 30

A

BB

CCC

DDDD

Q.3 Create a Excel sheet for following fields: Cricket Player Details 30

Cricket Player Detail.

Country Name	Player Name	Total Match Played	Total Runs	Batting average
India	Virat Kohli	100	5400	54
India	Rohit Sharma	80	3500	43.47
South Africa	David Miller	50	1000	20

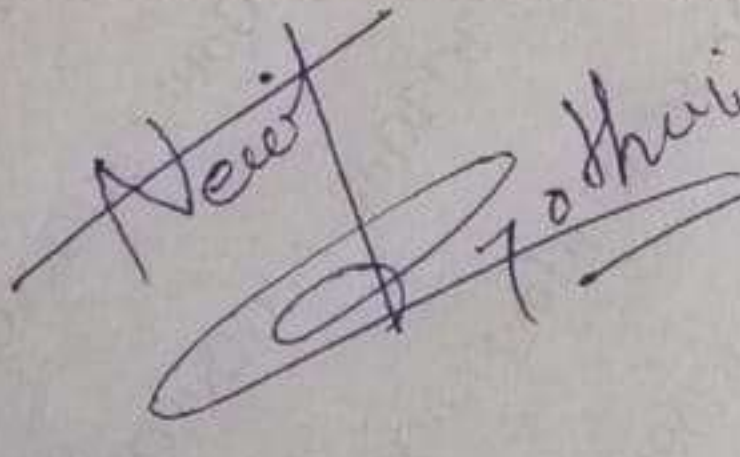
- Enter minimum 5 records
- Calculate average using formula (total runs scored/ total match played)
- Create any chart with proper format.
- Display player details having batting average > 50

Q.4 Create a table called person with appropriate constraint with following fields 30

(person\_no, person\_name, bday, income, person\_city)

- Insert minimum 5 records
- Display all person living in 'SURAT' city
- display all person details whose name start with letter 'B'

Q.5 Viva + Files 20

  
 1 Mar. 09



[Time: Five Hours]  
Instruction: Attempt all questions

[Max. marks:140]

Seat No:

000189  
2368

*[Signature]*

Student's Signature

- Q.1 Write a program to input selling amount and cost and calculate profit or loss. 30
- Q.2 Write a C program to input a string through keyboard and reverse a given string. 30  
Input: Hello  
Output: olleH
- Q.3 Create excel sheet for the following fields: order Data 30

Order Data

Order No	Order Date	Product Name	qty	price	Total Amount	Tax Amount	Final Amount
P001	10-02-2018	Mouse	20	500	1000	50	1050
P002	01-01-2020	Keyboard	15	800	12000	600	12600
P003	20-08-2022	Laptop	5	3000	150000	27000	177000

- a. Enter minimum 5 records  
b. Calculate total (qty \* price)  
c. Calculate tax amount based on following condition  
If total amount  $\geq 30000$  than tax 18%  
If total amount  $\geq 20000$  and  $< 30000$  than tax = 12%  
if total amount  $< 20000$  than tax=5%  
d. Calculate Final Amount (Total Amount- Tax Amount)
- Q.4 Create table a called actor with appropriate constraint with following fields (actor\_name, movie\_name, actor\_fees, movie\_budget) 30
- a. Insert minimum 5 records  
b. Find all movies having budget  $> 50$ lacs  
c. Find total fees earned by actor 'akshay kumar'
- Q.5 Viva + Files 20



1811000101060001 - C

B.C.A (Sem-I)

Examination November-2022

Practical - 106

Seat No:

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[Max. Marks:140]

[Time: Five Hours]

Instruction: Attempt all questions

Student's Signature

Q.1 Write a C program to draw following patterns:

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**
***
****
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Q.2 Write a c program to count total number of even and odd elements in an array.

Q.3 Create a spreadsheet name as Sales\_Report with the following fields which contain product sold in given state.

Product	Gujarat	Punjab	Rajasthan	Tamilnadu	Price/Unit	Total item	Total Price
A.C	900	800	1200	1000	35000		
T.V	1000	600	1100	630	15000		
Refrigerator	1500	800	2000	850	20000		

Attempt the following:

- Calculate Total item and Total Price using formula.
- Highlight the cells where product sold is greater than 1000.
- Find which item sold maximum in which state.
- Draw a 3D column chart of product Vs state.

Q.4 Create a table called ORDER with appropriate constraint with following fields (Order\_no, product\_name, order\_date, qty, price)

- Insert minimum 5 records
- Find all order whose order date is > '10-10-2015'
- Update product\_name to 'TABLET' where product\_name is 'MOBILE'

Q.5 Viva + Files



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B.C.A (Sem-I)

Examination November -2022

Practical-106

Seat No:

3 7 7 7

[Time: Five Hours]

Instruction: Attempt all questions

[Max. Marks:140]

*Prashant*

Student's Signature

Q.1 Write a program to input one character and check if it is vowel or Consonant. 30

Q.2 Write a C program to draw following patterns: 30

1  
1 2  
1 2 3  
1 2 3 4

Q.3 Create Excel sheet for following fields: E-commerce Cart 30

E-Commerce Cart

Product Id	Product Name	qty	price	Amount	Final Amount
P001	Fan	10	100	5	1050
P002	Bulb	50	10	5	525
P003	AC	1	50000	10	55000
Cart Total					56075

- Enter minimum 5 records
- Calculate amount (price\* qty)
- Input different tax percentage for all products
- Final amount = amount - tax value
- Show **Cart Total** of e-commerce cart

Q.4 Create table customer with the following fields and Constrin. 30

(cust\_no, cust\_name, city, phone, car\_name, company, price, purchase\_date)

**Constraint:**

customer\_no must be unique.

- Insert minimum 10 records in the table.
- Display details of customer.
- Display list of car along with their company and price.

Q.5 Viva + Files 20



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B.C.A (Sem - I)  
Examination November 2022  
Practical-106

Seat No:

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[Time: Five Hours]

[Max. Marks:140 ]

Instruction Attempt all questions.

Student's Signature

- Q.1 Write a program to Input month number and print number of days in that month 30
- Q.2 Write a c program to enter two string and merge those string.. 30
- Q.3 Create a Excel sheet for following fields: Bank Passbook 30

Product id	Product name	Price	Qty	Total
101	Mouse	150	20	

Attempt the following:

- Enter at least 5 records.
- Calculate total of each product.
- Freeze header row.
- Highlight the product which is having maximum price.

- Q.4 Create a table called STUDENT with appropriate constraint with following Fields. (rollno, student\_name, class, city, marks) 30
- Insert minimum 5 records
  - Display all the students of class 'FYBCA'
  - Delete records of students having marks < 10

- Q.5 Viva + Files 20