

F.Y B.C.A. Sem - 1
Practical Examination of NOV/DEC-2016
Duration: 3 Hours. Set-7 Total Marks: 100

Q-1 Write a C program to generate the following pattern Using Code. [30]

```

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

Q-2 Write a C program to read marks from keyboard and your program should display equivalent grade according to following table. [20]

<u>Marks</u>	<u>Grade</u>
100 – 80	Distinction
60 – 79	First Class
35 – 59	Second Class
0 – 34	Fail

Q-3 Create following table in Spreadsheet/Excel (Enter 10 records) and save it as “Marks_Details”[[30]

Rollno	Name	Marks						Total
		PCS	ENG	C	DBMS	CO	MATHS	
MIN								
MAX								
Average								

1. Calculate the **Total**, **MIN**, **MAX**, and **Average** of each.
2. After the calculation use the auto-fit the column with appropriate option.
3. Change the Name with Ascending Order.
4. Use the Format as Table facility and select the “colorful 1” with “no border” selection.
5. Use the Conditional formatting to highlight the marks of the students who have marks less than

Q-4 Create database "ITEM" in Access/Open Office.

[30]

Table Name: **ITEM_MASTER**.

Field Name	DATA TYPE	DESCRIPTION
ITEM_ID	TEXT	PRIMARY KEY
ITEM_NAME	TEXT	
PRICE	NUMBER	

Table Name: **ITEM_INFO**

Field Name	DATA TYPE	DESCRIPTION
ITEM_ID	TEXT	FOREIGN KEY
PROD_DATE	DATE/TIME	
PROD_ID	TEXT	FOREIGN KEY

Table Name: **PROD_DETAIL**

Field Name	DATA TYPE	DESCRIPTION
PROD_ID	TEXT	PRIMARY KEY
PROD_DATE	DATE/TIME	PRODUCTION DATE
QTY	NUMBER	QUANTITY

Perform following operations on it:

- (1) Insert 10 records in each table.
- (2) Create relationship for the given tables.
- (3) Display those records whose product id is P05 and P09.
- (4) Display those records whose quantity is less than 100.
- (5) Export Product detail table into Excel/Spreadsheet.

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Set-8

Total Marks: 100

Q-1 Input a character string and print reverse of it by adding 1 to each character ASCII value starting from end point of string. [For example : input : ABCD → output : EDCB] [30]

Q-2 Write a program to swap the two numbers using third variable. [20]

Q-3 Create excel/spreadsheet for the given format. [20]

SR.NO	ITEM NAME	PRICE	QUANTITY	TOTAL	DISCOUNT
1	TV	19600	3		
2	MOBILE	7000	10		
3	AC	23500	1		
4	WATER FILTER	6700	5		

Calculate Total quantity.

Calculate discount based on PRICE.

- TV :10% (of price)
- MOBILE :5%(of price)
- AC :5%(of price)
- WATER FILTER :6.7%(of price)

Q-4 Create a table of your choice (at least 3 fields) with 10 records using access/open

Office. Perform the with following:

- 1) Export data of table to text file.
- 2) Import any text file in your database
- 3) Create attractive form based on table you prepared using form design.
- 4) Add date/time, Logo in your report.
- 5) Create attractive report using report design.
- 6) Create single macro to open form and report at the same time.

[30]