

Roll No _____ (To be filled in by the candidate)

(Academic Sessions 2014-2016 to 2016-2018)

218-(INTERMEDIATE)

**COMPUTER SCIENCE
PRACTICAL**

GROUP - 7

Time Allowed : 3 hours
Maximum Marks : 50

Section-I (Part-I)

Note: 1. Perform the practical of the following questions on the Computer

- Write down the stepwise procedure/program on the Answer Sheet provided in first **one hour** of each selected problem from Q#1, Q#2 & Q#3. Return Answer sheet back to examiner even not a single Question was attempted after **first hour**.
- The procedure carries 5 marks for each Question 1 & 2.
- The performance carries 6 marks for each Question 1 & 2.

MS-WORD

Q #1 Prepare the following document in the same format and save it against your Roll number. 6

Computer VS Intelligent Machines

Key features

- ❖ A complete career path
- ❖ Highly qualified and experienced staff
- ❖ Job placement facility
- ❖ Quality education and training
- ❖ Scholarship for deserving candidates

Information Technology courses

- Computer for office automation
- Microsoft office 2013
- Certificate in graphic designing
- OOAD

OR

Prepare the following document in the same format and save it against your Roll number. 6

DATA PREPROCESSING FORM

YOUR LOGO HERE		Quotation Template			
[Your Company Slogan]		Date: May 23, 2018		PO # 54500	
[Name] [Company Name] [Street Address] [City ,ST ZIP Code] [Phone] Customer ID [abc12345]	Ship to	Stamp & Signature		Vendor	[Name] [Company Name] [Street Address] [City ,ST ZIP Code] [Phone] Customer ID [abc12345]
		(Summary)			

(Turn Over)

MR. EXCEL

Ques: Prepare the following worksheet and save it against your Roll number.
Perform as directed

6

- Enter sample data in columns 2, 3, 4 & 5 for five students (Total Marks of each subject is 50)
 - Use formula to calculate Marks Obtained (out of 150) as Eng + Math + Comp
 - Compute Average Marks as Marks Obtained/3
 - Give Remarks according to following criteria
 - If Average Marks are less than 50 then 'poor'
 - If Average Marks are between 50& 70 (both are inclusive) then 'Good'
 - If Average Marks are greater than 70 then 'Excellent'

**Examination Department, NUST Islamabad
Marks Sheet of Final Examination Spring 2017**

Sr.No	Name	Eng/50	Math/50	Comp/50	Marks Obtained	Average Marks	Remarks
1	Abe	42	41	37	formula	formula	formula
2	Pqr	47	35	45	formula	formula	formula
3	Xyz	25	40	21	formula	formula	formula

OR

Prepare the following worksheet and save it against your Roll number.
Perform as directed

6

- Enter the sample data in columns 1,2,3 for at least 3 Customers/rows.
- Apply formula to calculate Units Consumed as "Present Reading - Previous Reading"
- Electricity Charges will be calculated according to criteria given below:
 - 001 - 100 units @ Rs.10/- per unit
 - 101 - 300 units @ Rs.15/- per unit
 - 301 and above @ Rs.18/- per unit
 - On-Net Call Charges + Off-Net Call Charges + Land Line Call Charges.
- Use the formula to compute GST as 16% of Electricity Charges
- Compute the Due Amount as: Electricity Charges + GST

LESCO Electricity Bill Statement for the Month of June 2017

Consumer Name	Previous Reading	Present Reading	Units Consumed	Electricity Charges	GST @ 16%	Due Amount
Ali	22906	23095	formula	formula	Formula	Formula
Saeed	50710	180910	formula	formula	Formula	Formula

(Contd....P/3)

Section – II (Part – II)

Note: Attempt either from C- Language or from Visual Basic

C-Language

Q#3 Write down the C-Language program (not the procedure) of the selected question on the provided Answer sheet in **first one hour** (at the start of the practical). **12**

Write a C language program that displays the following blocks using nested for-loop.

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

OR

Write a C language program to input three values from the keyboard and then show the larger number and display the result on console/ output window.

Q#4 Compile, Debug and execute the selected program of Q#3 in any of the following tools Turbo C or Borland C or Visual Studio. Show the output/result to Examiner. **10**

VISUAL BASIC

Q#3 Write down the Visual Basic program (not the procedure) of the selected question on the provided Answer sheet in **first one hour** (at the start of the practical). **12**

Write a Visual Basic program to input three values from the keyboard and then show the larger number and display the result on console/ output window.

OR

Write a Visual Basic program that displays the following blocks using nested for-loop.

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

Q#4 Compile, Debug and execute the selected program of Q#3 in Visual Studio. Show the output/results to Examiner. **10**

Q#5 Viva Voice

3 + 3 = 6

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