Model Paper

COMPUTER SCIENCE
PRACTICAL

(INTERMEDIATE)

Time Allowed: 3 Hours
Maximum Marks: 50

Section-1 (Part-1)

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 6 marks for each Question 1 & 2.
- The performance carries 4 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

FEE CHALLAN SPRING 2023

Dated:_____   Roll No:_____

Name:_____   Class:_____

Amount in Fig_____   Amount in Words:_____

_____

Fee description	Duration	Amount	For office use only:
Admission Fee			_____
Tuition Fee			_____
Exam Fee			
Library Fee			Received By: _____
Total dues			_____

OR

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

Sui Northern Gas Pipeline Limited

Job Application Form

Name: _____   Father's Name: _____

Qualification: _____   E-mail ID: _____

» Expertise	Computer	Networks	Data Entry	English Language	Accounts
1. Excellent		√			√
2. Good	√			√	
3. Average			√		

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 program in C-Language that takes an integral value as input from the user and determine whether the entered number is even or odd.

OR

Write a program in C-Language that displays the following pattern on the output window/Console using nested loop.

```
@
@   @
@   @   @
@   @   @   @
```

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/results to Examiner.   **08**

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 program in VB that takes an integral value as input from the user and determine whether the entered number is even or odd.

OR

Write a program in VB that displays the following pattern on the output window/Console using nested loop.

```
@
@   @
@   @   @
@   @   @   @
```

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/results to Examiner.   **08**

Q#5 Viva Voce   **2+3=5**
Q#6 Note Book   **05**

MS- EXCEL

Q#2: Prepare the following worksheet and save it against your Roll number.   **6**

Perform as directed
- Enter the sample data in 2nd, 3rd & 4th columns for at-least 4 students.
- Apply the formulas to calculate Stipend & Payable Package as per the given criteria
    - ✓ Those students who will obtain 60% marks in exam will be awarded stipend and amount will be 70% of the Full Package for Male students and 80% of the Full Package for female students.
    - ✓ Payable Package= Full package – Stipend

Stipend Sheet for the Academic Year 2022-2023

Sr.no	Name	Marks/1050	Gender	Full package	Stipend	Payable Package
1	Fahad	866	Male	110,000	Formula	Formula
2	Sulman	752	Male	110,000	Formula	Formula
3	Saba	960	Female	110,000	Formula	Formula

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

- Enter sample data in columns 2, 3 and 4 at-least for 5 employees.
- Apply formula to calculate the Bonus as Bonus will be given to those employees whose Total Sale is greater than 50,000 and Bonus Amount will be 20% of the Basic Pay.
- Apply formula to calculate Commission based on the following criteria:
    - ➤ If Total Sale is less than 60,000 then 20% of Total Sale will be given as Commission
    - ➤ If Total Sale is ≥ 60,00 then 15% of Total Sale will be given as Commission
- Compute Gross Pay by using the following formula **Gross Pay** = Basic Pay + Bonus + Commission

Anonymous Private Limited
Salary statement of the Employees for the Month of November 2022

Sr.No	Emp_Name	Total Sale	Basic Pay	Bonus	Commission	Gross Pay
1	Ibrar	85,000	40,000	Formula	Formula	Formula
2	Faheem	72,000	35,000	Formula	Formula	Formula
3	Aqeel	96,000	35,000	Formula	Formula	Formula