

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

(Academic Sessions 2014-2016 to 2016-2018)

218-(INTERMEDIATE)

**COMPUTER SCIENCE
PRACTICAL**

GROUP – 8

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 No. 1. Prepare the following document in the same format and save it against your Roll number. 6

Final Transcript of BA/BSc Session 2016-2018

Mr./Ms _____ S/D/W of _____ Bearing Registration No: _____

Registration Number: _____-18-XYZ	Part-1	Part-11	Final Year Project
	Core Subjects	Elective Subjects	Title:
Total Marks			
Marks Obtained			
External Examiner Remarks			Approved
			Yes <input type="checkbox"/> No <input type="checkbox"/>

Total marks (in words): _____ Sign: _____

OR

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

XYZ Company Limited

Job Application Form

Name: _____ Father Name: _____

Qualification: _____ E-mail ID: _____

Cell Number: _____ Address: _____

Remarks	Computer	Math	Physics	Chemistry	English
Excellent					
Good					

(Turn Over)

(2)

MS-EXCEL

QNo.2 Prepare the following worksheet and save it against your Roll number.

Perform as directed

6

- Enter sample data in columns 'Roll No', 'English', 'Math' and 'Bio' (at-least 4 records)
- Use formula to calculate 'Marks Obtained' as English + Math + Bio and then compute 'percentage' as (Marks Obtained /275)*100
- for 'Remarks' column apply formula according to criteria given below.
- Compute the highest marks among three subject (English, Math, Bio) then display message to Remarks column according to given criteria.
- If percentage ≥ 80 then display message "Excellent" in Remarks column, if percentage ≥ 60 then display message "V. GOOD" in Remarks column otherwise display message "Average".

Govt. Degree College, Okara

Marks Sheet of Student for the Final Term Examination 2018

Sr. No	Roll No	English/75	Math/100	Bio/100	Marks Obtained	Percentage	Remarks
1					Formula here	Formula here	Formula here
2					Formula here	Formula here	Formula here
3					Formula here	Formula here	Formula here

OR

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

Perform as directed

6

1. Enter sample data in 2nd, 3rd, 4th & 5th columns for at-least 5 students
2. Apply formulas to calculate Scholarship & payable package
3. Scholarship amount will be 40% of the full package for Male
4. Students and 60% of the Full Package for Female students
5. Compute payable package as "Full package – Scholarship"

Govt. Degree College for Boys, Multan

Scholarship sheet for the year 2018

Sr.no	Name	Marks/1100	Gender	Full Package	Scholarship	Payable Package
1	Arhum	850	Male	90,000	Formula	Formula
2	Abiha	726	Female	90,000	Formula	Formula
3	Zeeshan	971	Male	90,000	Formula	Formula

(Contd....P/3)

(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 program in C-language that takes base and power as an input from the keyboard. Then the program will compute the result and display the result on console/ output window e.g. if users enter base= 2 & power= 3 then program will calculate $2^3 = 8$

OR

Write a program in C-Language that calculate the factorial of a number input by the user 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**

Develop a project that takes an integral value (year) as input from the user. Then program will determine whether the entered year is Leap year or not.

Note: A year is said to be leap ear if it is divisible by 4 but in case of year is divisible by 100 then is must be divisible by 400 to declare as Leap year otherwise not a leap year.

OR

Develop a project that takes an integral value as input from the user. Then program will display table of the entered number according to the following pattern:

E.g. if user enters '5' the output of the program will be

$5 * 1 = 5$

$5 * 2 = 10$

Up to

$5 * 10 = 50$

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**