



UNIVERSITY OF THE PUNJAB

BS IT First Semester

Roll No.

GE-161-L Introduction to ICT Exam – 2022 (PRACTICAL)

Subject: Introduction to Information and Communication Technology Time: 3 Hrs. Marks: 100

Group III

Note: There are three parts in the practical. All parts are compulsory.

PART-I (MAX. MARKS: 30)

Question 1

[20 Marks]

Use Microsoft Excel to reproduce the following worksheet with at least **10 rows**.

- Student_ID column will contain only whole numbers
- Dues Remaining column will also contain whole numbers with range (0, 30000)
- Fee Status should be PAID (If Dues Remaining are equal to zero) and UNPAID (If Dues Remaining are greater than zero)
- Exam Status should be TRUE (If Fee Status is PAID and Absentees are less than eight) otherwise FALSE.
- Formulas must be used where required

Student_ID	Student Name	Dues Remaining	Fee_Status	Absentees	Exam_Status
1	ali	28000	UNPAID	8	FALSE
2	ahmad	0	PAID	9	FALSE
3	ahsan	0	PAID	2	TRUE

Question 2 Viva Voce

[10 Marks]

PART-II (MAX. MARKS: 30)

Question 1

[20 Marks]

Use Microsoft Access to create the following database tables.

- Create a Table named “Students”. “Students” table should have following fields. Add Record of minimum five Students into this table. Make Student_ID as primary key.
 - Student_ID
 - First_Name
 - Last_Name
 - Email
- Create Table named “Student Attendance”. This table should have following fields. Add attendance of five lectures of each student for the subject of “IICT”. Make Attendance_ID as a primary key and Student_ID as foreign key.
 - Attendance_ID
 - Attendance_Date
 - Status (Absent, Present)
 - Student_ID
 - Subject
- Create a Multi Table Query which shows names of students who have more than two absentees.

Question 2 Viva Voce

[10 Marks]

PART-III (MAX. MARKS: 40)

Question 1

[25 Marks]

Use HTML and CSS to generate the following web form.

Write a user registration webpage with following functionality (Use reference image below):

- You are required to use **form** tag to create form below.
- All inputs fields should have **#eaf5ff** as background color.
- All input fields are required.
- When user click **submit** button, a new web page should open where you'll display all information entered by the user.
- When user click **clear** button, all form entries should be cleared.
- Display **Alert Box** in case of invalid input. Valid inputs criteria are given below:
 - First Name, Last Name and User Name length should not be less than 4.
 - Password should not be less than 6 characters.
 - Email must contain at **@** sign.
 - Short bio should not be less than 20 characters.
 - Phone should not accept anything but a number.

Register

Name *

First

Last

Username *

Email *

Phone

Password *

Short Bio

Share a little information about yourself.

Submit

Clear

Question 2 Viva Voce

[15 Marks]