



# 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 IV

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**.

**GPA Calculation:** Consider the following worksheet.

- Write down the formula to calculate percentage.
- For Grade and Grade Points columns, write down the formula using multiple IF conditions.
- Also write down the formula to calculate total GPA.  $GPA = (\text{sum of all GP}) / \text{Total Cr. Hrs}$

SR #	Course Code	Course Name	Cr. Hrs	Obt. Marks	Tot. Marks	Percent.	Grade	Grade Points (GP)
1	GE-161	Introduction to ICT	2	95	100	95%	A	8
2	GE-161L	Introduction to ICT Lab	1	85	100	85%	A	4
3	GE-162	English Composition & Comprehension	3	75	100	75%	B+	9.9
4	GE-163	Islamic Studies	2	25	100	25%	F	0
5	GE-165	Pakistan Studies	2	55	100	55%	C-	3.4
6	MS-151	Applied Physics	3	98	100	98%	A	12
7	MS-152	Calculus & Analytical Geometry	3	60	100	60%	C	6
8	HQ-181	Quran Translation	0.5	63	100	63%	C+	1.15
							GPA	2.693939394

Marks in Percent	Letter Grade	Grade Point
0	F	0.00
50	D	1.00
55	C-	1.70
58	C	2.00
61	C+	2.30
65	B-	2.70
70	B	3.00
75	B+	3.30
80	A-	3.70
85	A	4.00

#### Question 2 Viva Voce

[10 Marks]

#### PART-II (MAX. MARKS: 30)

### Question 1

[20 Marks]

Use Microsoft Access to create the following database tables.

- Design and database with two tables Teacher and Course
- The fields in Teacher table should have (Teacher\_ID, First\_Name, Last\_Name, Age, Email, Course\_ID) while Course table should have (Course\_ID, Course\_Name).
- Assign appropriate keys and relationship between these two tables.
- Design a multi table query which should display names of teachers, and course names where age of the teacher is greater than 30 and less than 50.

### Question 2 Viva Voce

[10 Marks]

#### PART-III (MAX. MARKS: 40)

### Question 1

[25 Marks]

Use HTML and CSS to generate the following Travel Reservation web form (Use reference image below):

- All input fields having \* are required.
- When user click **complete reservation** button form should become empty.

## Travel reservation form

**\* denotes mandatory**

Full name\*:

Email address\*:

Select Tour Package\* :

Arrival date\*:

Number of persons\*:

What would you want to avail?\*

Boarding ☐

Fooding ☐

Sight seeing ☐

Discout Coupon code:

Terms and conditions\*

☒ I agree ☐ I disagree

a

### Question 2 Viva Voce

[15 Marks]