

Subject: Experimental Design/Practical

Stage: Third Time: 1:30 hour Date: 28/11/2023

Academic Year 2023-2024 – Second monthly exam

## Name:

Q1\ From the following data, complete ANOVA table then compare between treatment using LSD test at level of significant=0.05. For information: F tab.  $_{0.05} = 4.76$  t tab.  $_{0.05} = 2.447$ 

	B1	B2	В3
A	5	6	4
В	4	3	7
C	7	5	6
D	8	4	3

**(60 marks)** 

**Q2:** From the following data, complete ANOVA table. For information: **F** tab.  $_{0.05} = 4.76$ 

	<b>C1</b>	<b>C2</b>	<b>C3</b>	<b>C4</b>
R1	c <sub>9</sub>	<sup>A</sup> 7	<sup>B</sup> 6	D8
R2	<sup>D</sup> 6	<sup>B</sup> 5	<sup>C</sup> 5	<sup>A</sup> 6
<b>R3</b>	<b>A</b> 8	<sup>C</sup> 6	<sup>D</sup> 4	<b>B9</b>
<b>R4</b>	<sup>B</sup> 7	D9	A5	<sup>C</sup> 4

**(40 marks)** 

With my best wishes

Dr. Azad Sh. Salih