

School: School of Science

Program/s: MSc.-LS

Year: 2nd Semester: III

Examination: End Semester Examination

Examination year: December - 2022

Course Code: LS226,

Course Name:

Metabolism Integration and Regulation

Total Marks: 40 Total Pages: 01

## Instructions:

Write each answer on a new page.

> Draw the diagram wherever necessary

Date: 02/12/2022

> Stick to the Word Limit given in the Questions.

Time: 11.30 am to 13.30 pm

Q. No		Marks	со	BTL
Q.i		2x10=20	CO 1 CO2 CO3 CO4	BTL 1 BTL2 BTL3 BTL4
Q2.	getting disturbed?  10. State the role of key enzymes in kreb cycle? State its significance  Explain in detail the following:  1. Fate of Glucose in the body.  2. Storage diseases of any one carbohydrate  3. Overview of metabolism map  4. Explain complexes with minute details ultimately leading to generation of energy molecules in cell – diagrammatically explain.  5. Overview of glycolysis in starved conditions.	5x4=20 Marks		