

**B. Sc (Hons.) Botany Sem VI (CBCS)
Core Course XIII: Plant Metabolism
Guidelines for Practical Examination**

M. M.: 50

Time: 3 hours

Q.1. Perform the experiment A:

(13 marks)

Requirements	:	2
Principle	:	2
Procedure	:	2
Observations	:	2
Results and Discussion	:	2
Precautions	:	1
Viva	:	2

Q.2. Set up 'B': (At least three specific questions)

(6 marks)

To demonstrate the activity of lipases in germinating oil seeds and demonstrate mobilization of lipids during germination

OR

Demonstration of Respiratory Quotient (RQ)

Q.3. Set up 'C': (At least three specific questions)

(6 marks)

Demonstration of fluorescence by isolated chlorophyll pigments.

OR

Demonstration of absorption spectrum of photosynthetic pigments.

Q.4. Internal Assessment:

(25 marks)

Classroom performance/ Test:

10 marks

Lab Records:

10 marks

Attendance (in practicals):

5 marks

Handwritten signatures and dates:
 Anurag 5/1/2018
 Shree 5/1/18
 Phatyal 5/1/18
 Chauhan 5/1/18
 Vijay Kumar 5/1/2018
 Srinivas 5/1/18
 Pradatta 5/1/18
 Reema 5.1.18
 Singhania 5/1/18
 George 5/1/18
 Pul 5/1/18