

DSPM UNIVERSITY, RANCHI

B.Sc. Geology
Semester-III
Paper Code: **GLGC 305 T** (Igneous Petrology)

Date-30/9/2020
[15 Marks]

MID-SEMESTER ASSIGNMENT

SECTION-A

(Short answer type questions, ANSWER ANY FIVE)

1. Give an account of Geothermal Gradient of the earth.
2. Write a note on the Bowen's Reaction series.
3. Describe the methods of classification of igneous rocks.
4. Give an account on ophiolites.
5. Discuss the concept of Phase diagrams.
6. Give an account of the textures of igneous rocks.
7. Write a note on the structure of igneous rocks.
8. Explain processes of magma differentiation.

THE INSTRUCTIONS FOR THE ASSIGNMENT ARE GIVEN BELOW.....

INSTRUCTIONS

1. The assignments should be written in the students own handwriting (A4 size paper).
2. The **First page** of your assignment should contain the following details-
 - Topic of the assignment-
 - B.Sc/M.Sc.- _____Semester-_____
 - Paper -

 - Name of student-
 - Registration No-
 - Roll No (Admit card)-
 - Session-
 - Subject-
 - University-
3. Take clear images of each page of your written assignments in jpeg/jpg format (cam scanner app. recommended).
4. Merge all jpeg/jpg image contents to make one SINGLE file in pdf format.
5. RENAME THE FILE (the name of the file should be your name in capital letters).
6. Send the file to the following e-mail –

melvin.dspm@gmail.com