

2018

CBCS

3rd Semester

GEOLOGY

PAPER—C5P

(Honours)

(Practical)

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Igneous Petrology—II Lab.

Answer all questions

1. Find the given hand specimens (*two*) of rock and identify them. 2×2½
2. Identify the given thinsection of rock and describe the texture mineralogical properly with neat sketch. 5

3. Plot the given modal percentages of mineral in IUGS classification of granitic rock and peridotitic rock, respectively and name them.

(a) Quartz = 30%, alkali feldspar = 40, Plagioclase = 30%.

(b) Olivine = 20%, Orthopyroxene = 20%, Clinopyroxene
= 60% 2½×2

4. Laboratory Note Book 2

5. Viva-Voce 3