



UNIVERSITY OF THE PUNJAB

B.A. / B.Sc. Part – I
Supplementary Examination - 2017

Roll No.

Subject: Geology-I
PAPER: A (General Geology, Mineralogy and Petrography)

TIME ALLOWED: 3 hrs.
MAX. MARKS: 75

NOTE: Attempt any TWO question from Section-A and FOUR from Section-B. All Question carry equal marks.

SECTION 'A'

- Q1:- Explain Earth's gravity field and Geomagnetism.
- Q2:- Discuss the internal structure of the earth and explain the chemistry of mantle.
- Q3:- What is fault? Differentiate between Normal fault and Thrust fault.
- Q4:- Write a detailed note on volcanism and volcanic rocks.

SECTION 'B'

- Q5:- What are ultramafic rocks? Explain with the help of examples.
- Q6:- Classify the igneous rocks on the basis of texture with examples.
- Q7:- What are sulphides? Give their classification and economic importance.
- Q8:- What do you know about Hexagonal crystal system? Explain.
- Q9:- Describe metamorphic rocks in detail with the help of examples.
- Q10:- Write short notes on the followings.
- Refraction
 - Diorite
 - Earthquakes
- Q11:- What do you know about clastic rocks? Discuss with examples.
- Q12:- What is "Sedimentary Cycle" ? Explain.