



UNIVERSITY OF THE PUNJAB

B.A. / B.Sc. Part – I
Annual 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:- Discuss the internal structure of the earth in detail.
- Q2:- Explain the material and the chemistry of the earth crust.
- Q3:- Differentiate between volcanic and plutonic rocks with the help of examples.
- Q4:- What do you know about the nature of jointing and cleavage? Explain in detail.

SECTION 'B'

- Q5:- Explain the regional, contact and dynamic metamorphism with the help of examples.
- Q6:- Explain the physical properties of the minerals with the help of examples.
- Q7:- What are Carbonates? Explain them in detail.
- Q8:- What do you know about double refraction, isotropism and anistropism? Explain.
- Q9:- What do you know about Monoclinic crystal system? Explain.
- Q10:- Write note on the followings.
- Granite
 - Marble
 - Epeirogenic Forces
- Q11:- Describe the calcareous and arenaceous sedimentary rocks.
- Q12:- Discuss "sedimentary cycle" in detail.