



UNIVERSITY OF THE PUNJAB

B.A. / B.Sc. Part – I
Annual Examination - 2018

Roll No.

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

TIME ALLOWED: 3 hrs.
MAX. MARKS: 75

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

SECTION 'A'

- Q. 1 Define metamorphism? Describe different types of metamorphism? 12^{1/2}
- Q. 2 What are Faults? Describe types of faults in term of direction of movement? 12^{1/2}
- Q. 3 Define Earthquake? Describe in detail causes and types of earthquake? 12^{1/2}
- Q. 4 Discuss Geometry of folds and various types of folds? 12^{1/2}

SECTION 'B'

- Q. 5 Describe in detail the common rock forming minerals? 12^{1/2}
- Q. 6 Define Crystal? Discuss in detail about the symmetry and forms of monoclinic crystal system 12^{1/2}
- Q. 7 What is mineral? Describe in brief various physical properties of the minerals 12^{1/2}
- Q. 8 Write a detail note on carbonate Sedimentary rocks 12^{1/2}
- Q. 9 Define Sedimentary rocks? Describe Calcareous and Argillaceous Sedimentary rocks. 12^{1/2}
- Q. 10 What do you know about Metasomatism, Epeirogenic Forces, Isotropism and anisotropism. 12^{1/2}
- Q. 11 Write a detail note on carbonate Sedimentary rocks. 12^{1/2}
- Q. 12 Discuss in detail Sedimentary Cycle. 12^{1/2}