

Bachelor of Science (B.Sc.) Semester-I Examination
GEOLOGY (Introduction in Geology)
Optional Paper-1

Time : Three Hours]

[Maximum Marks : 50

N.B. :- (1) All questions are compulsory and carry equal marks.

(2) Draw neat sketches wherever necessary.

1. (A) Give an account of Inner Planets of Solar system.

OR

(B) Give an account of Atmosphere and Biosphere.

2. (A) Distinguish between following pairs :-

(i) Primary waves and Secondary waves

(ii) Central eruption and Fissure eruption.

OR

(B) Describe in brief causes and effects of earthquake.

3. (A) Give an account of Interior of the earth on the basis of seismological evidences.

OR

(B) Give an account of the following :

(i) Carbon dating method

(ii) Binary Star hypothesis.

4. (A) Describe with neat sketches Pratt's hypothesis and Airy's hypothesis.

OR

(B) Give an account of Interglacial periods and describe in brief history of glaciation in India.

5. Write on the following in not more than **two** sentences (Solve any **ten**) :-

(A) Palaeontology.

(B) Name any two outer planets.

(C) Name any two asteroids.

(D) Dormant volcano.

(E) Shallow focus earthquakes.

(F) Tsunami.

(G) Artificial radioactivity.

(H) Decay constant.

(I) Daughter elements.

(J) Laurasia.

(K) Gondwana land.

(L) Panthalassa.