



केन्द्रीय जनजातीय विश्वविद्यालय आन्ध्रप्रदेश
Central Tribal University of Andhra Pradesh

(A Central University Established by an act of Parliament)

DEPARTMENT OF GEOLOGY

SEMESTER –I

II- MID Term Examinations-2023

Name of the Programme : B.Sc., Geology with Honours/ Honours with Research

Name of the Subject : Physical Geology and Geodynamics

Date: 28/12/2023

Time: 10:00-11:00AM

Duration: 01:00 hrs

Part-A

Answer all the questions. Each Carries 1mark

5X1=5M

1. Define denudation.
2. Yardang/mushroom rock is a _____ landform developed by the wind.
A. Erosion
B. Deposition
C. Transportation
D. Volcanism
3. The ability of a rock to transmit the water through it:
A. Porosity
B. Permeability
C. Viscosity
D. None of the above
4. An island arc is the Land from that formed by the _____ of the plate boundaries
A. Convergence of oceanic and oceanic plates
B. Divergence of the continental plate
C. Convergence of the continent and continental plates
D. Transform
5. Seafloor spreading takes place at the
A. Convergence of oceanic and oceanic plates
B. Divergence of the continental plate
C. Convergence of the continent and continental plates
D. Transform

Part-B

Answer either A or B short answer questions. The question carries 5marks

6. A. Describe the geomorphic processes with a neat flowchart
(Or)

1x5=5M

B. Give a short note on landforms of groundwater

Part-C

Answer either A or B long answer questions. The question carries 10 marks

7. A. Give a detailed note on the geological work of the River.

1x10=10M

(Or)

B. Define earthquake. Give a note on their origin and classification.