

Asutosh College
Geology Hons., B. Sc. 4th Semester, Internal Assessment-2021
Paper-GELA_SEC-B-4-1P (Field Geology)

Full Marks-10

Answer all questions [Write only the number of your choice, i.e. if you think that (c) is the correct option for question no. X, then write X (c)]

1. Clastic texture found in 1x10 = 10
a) Limestone b) Shale c) Evaporite d) Charnockite
2. Load casts are formed in sedimentary rocks as a
a) positive relief feature b) negative relief feature c) planar feature d) none of these
3. A melanocratic porphyritic rock containing phenocrysts of Labradorite and Augite is called-
a) Rhyolite b) Lamprophyre c) Basalt d) Gabbro
4. Pinch and swell structures are formed due to
a) Magmatic intrusion accompanied by layer parallel compression
b) Magmatic intrusion accompanied by layer parallel stretching
c) Magmatic intrusion accompanied by layer perpendicular stretching
d) Magmatic intrusion accompanied by perpendicular extension
5. Migmatite is a
a) Metamorphic rock b) Igneous rock c) Sedimentary rock d) Mixed rock
6. Which one amongst the following is the correct attitude of a bed ?
a) 221°, 95° b) N45°W, 40°SE c) 090°/20°W d) 089°, 75°S
7. Structure contours of a bedding plane at 100m interval are spaced in such a manner that the horizontal equivalent is also 100m.
The dip of the bedding plane is- a) 60° b) 90° c) 45° d) 30°
8. Horizontal slickensides are observed on the surface of a vertical fault. What is the type of fault ?
a) Normal fault b) Reverse fault c) Oblique fault d) Strike-slip fault
9. On Survey of India Toposheet No. 45D/16, the distance between two points is 18cm. The actual ground distance between these two points is: a) 18 Km. b) 9 m. c) 90Km. d) 9 Km.
10. The most favourable environment for the preservation of fossils is-
a) Fluvial b) Lacustrine c) Glacial d) Marine origin