

Department of Geology, GDC Ganderbal

Read all the instructions carefully before submitting your assignments online.

- 1. Mention your university registration number, name, batch (category; fresh or backlog), semester, class room, contact number. Subject. And email address.***
- 2. Assignments must be handwritten by candidate and should be original work of candidate.***
- 3. You must preserve hard copy of your assignment (use good quality paper), so that same may be submitted to department in future, when demanded.***
- 4. You are directed to submit soft copy of your assignment in pdf (duly signed by you) through email (given in assignment).***
- 5. Use only blue/ black ball point pen for writing an assignment.***
- 6. Your assignment will be rejected and nullified if it contains partial /wrong information (particularly registration no.) And/or if it is observed by the evaluator, the work done (submitted assignment) is just copy of somebody else's and is not original work of the candidate.***
- 7. Last date for submission of assignment is 26-06-2020 up to 11.59 pm.***

*Assignment for Geology 2nd Semester batch 2019 and
backlog students of batch2016/2017/2018*

Course Title: PETROLOGY

Course code: GL-T2

Assignment code: 0022020

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Maximum mark: 100

Attempt all the questions

*Q.1. Give detailed account on karst topography, and describe the surface and subsurface
geomorphic features of karst.*

Q.2. Write short notes on (do any three)

(a) Pillow and flow structures

(b) Prismatic and columnar structure

(c) Intersertal and intergranular textures

(d) Poikilitic and porphyritic textures

Q.3. Discuss the erosional processes of mountain glaciers?

Q.4. Give a detailed account on mass wasting, and discuss preventive methods of mass wasting?

*Q.5. Discuss IUGS classification ,and the mechanism of gravity settling in context to magmatic
differentiation ?*