



Damietta University
Faculty of Sciences
Department of Geology

Second semester (May 2020)
Practical Exam
Full mark: (50 Marks)
2nd Year Geophysics Program

Sedimentation & Sedimentary Rocks (213G)

Q1- Answer the following.

- (i) Write a brief account of the nature, origin and significance of the roundness and sphericity of clasts in a conglomerate. Illustrating your answer with sketches.
- (ii) When you say the sedimentary rocks (sandstone & conglomerate) are mature?
- (iii) draw graphical representation (histogram -frequency curve – cumulative curve) of the following table:

| Class (Φ) | Frequency wieght |
|------------------|------------------|
| 4-5 | 40 |
| 3-4 | 220 |
| 2-3 | 160 |
| 1-2 | 60 |
| 0-1 | 20 |

Best Wishes

Examiner: Dr. Ehab M. Assal