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FACULTY OF SOCIAL SCIENCES
DEPARTMENT OF GEOGRAPHY

2018/2019 HARMATTAN SEMESTER EXAMINATION

PROGRAMME: B.Sc. (Hons) Geography and Regional Planning
COURSE TITLE: Hydrology
COURSE CODE: GRP 417
TIME ALLOWED: 2 Hours
INSTRUCTION: Answer any three (3) Questions of your choice

- 1) With the aid of a well annotated diagram, examine the concept of hydrological cycle.
(25 marks)
- 2) Write short notes on the following:
 - a) Interception
 - b) Infiltration(25 marks)
- 3) Briefly discuss the importance of water.
(25 marks)
- 4) Compare and contrast the following:
 - a) Soil moisture and Groundwater
 - b) Potential evapotranspiration and Actual evapotranspiration(25 marks)
- 5) Critically examine the historical development of the science hydrology.
(25 marks)
- 6) Examine the factors controlling rates of evapotranspiration.
(25 marks)
- 7) Identify and briefly discuss any two (2) types of precipitation of your choice based on origin and mechanism.
(25 marks)