

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF PHYSICAL SCIENCES
DEPARTMENT OF GEOLOGY

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BTECH (GEOLOGY), 2016/2017
SESSION

COURSE: GEL 521 (REGIONAL GEOLOGY OF AFRICA) UNIT: 2

DATE: 25TH OCTOBER, 2017

TIME ALLOWED: 3 Hours

INSTRUCTIONS: Answer two questions from each section.

SECTION A

1. (a) Describe the tectonic and stratigraphic setting of the Senegal Basin.
2. (a) Discuss the lithostratigraphic overview of the Chad Basin.
(b) Comment on the stratigraphy of the Cote d'Ivoire Basin.
3. Describe the geology of the Iullemmeden Basin.

SECTION B

1. Compare the Precambrian of West Africa to the Precambrian of Nigeria.
2. Discuss mineralisation of the Archean Province of West Africa.
3. Write short notes on the followings:
 - (a) The Bushveld Complex of South Africa.
 - (b) The Great Dykes of Zimbabwe.