ENTRANCE EXAMINAMENTOUS LOS SOURCE NS BAMBILI, 2003

SERIES GEOLOGY, COEFFICIENT FOUR

MAJOR PAPERS GEOLOGY

TIME: 3110URS

INSTRUCTIO 1; ANSWER ALL QUESTIONS

- (1a) Distinguish between the reflection and refraction seismic methods. (8mks)
- (b) Critically assess the role of gravity magnetic and seismic geophysical methods in the search for hydrocarbon. (17mks)
- (2) Show your knowledge of the cristallography chemistry and diagnostic features of the minerals: Zircon, Galena, Calc.te, and Divine. (25mks)
- (3a) Define (i) Axial plane (ii) Fold ax s. (6mks)
- (3b) Fully account for the geometry or zin tectonic setting and topography of the following.
- (i) Normal faults (ii) Thrust faults (iii) Strike slip faults. (6.5 mks each)
- (-2) Bivalves for example so en, phc as, mya, and Ostrea display characteristic morphologies which are related to their modes of ives? Appreciate this relationship with reference to the named bivalves. (20 mks)
- (4b) Distinguish between rem: nie fos: Is and trace fossils. (5mks)

ANSW RS TO ENTRANCE 2003