

FEDERAL UNIVERSITY OF TECHNOLOGY OWERRI  
SCHOOL OF ENVIRONMENTAL TECHNOLOGY  
DEPT: QUANTITY SURVEYING TECHNOLOGY  
HAMATTAN SEMESTER EXAMINATION 2012/2013 SESSION  
COURSE: SPECIFICATION WRITING 2014/2015  
COURSE CODE: QST 429  
TIME ALLOWED 2 HOURS  
INSTRUCTIONS: ATTEMPT 4 QUESTIONS WITH QUESTION 3  
BEING COMPULSORY.

DATE:

19/05/2014

### Question One

The Architect makes use of specification writing in the discharge of professional duties. Discuss?

### Question Two

Outline the two conditions under which short specification could be use to cover portions of the work, specific materials or items forming a portion of the whole contract

### Question Three

A contract specification clearly indicated that solid sandcrete 150mm Block should be used in perimeter fencing of a project site; and the contractor rather used in its place hollowed sandcrete 150mm blockworks which he filled with weak concrete. When confronted by the clerk of works, on the issue, the contractor claimed that he was right. Please, you are required to briefly justify or condemn the contractor's position

### Question Four

Why is it important to ensure adequate and safe planking and strutting to sides of excavation especially when the depth below ground level exceeds 3000mm. Also indicate the quality of Timber material most suited for the work.

### Question FIVE

Explain the following terms as briefly as possible.

- (a) QSRBN
- (b) ARCON
- (c) COREN
- (d) RICS
- (e) NIQS
- (f) JCT
- (g) ARIBA
- (h) RIBA
- (i) BS
- (j) CP

### Question SIX

(1) Explain the composition of the following specifications of concrete and mortar:

- (a) Concrete : (1:2:4)
- (b) Ditto : (1:3:6)
- (c) Mortar (1:4)
- (d) Ditto (1:6)

(2) State where each material is best suited for works in construction site.

