



FIRST SEMESTER EXAMINATION 2017/2018 SESSION

COURSE CODE: QTS 314 COURSE TITLE: TENDERING AND ESTIMATING I

TIME ALLOWED: 2 Hours

CREDIT LOAD: 2 Units

INSTRUCTION: Attempt ALL Questions

1. Build – Up hourly rate for skilled labour (mason Grade II).  
**Assumptions:** Basic pay per month = ₦23,000; Pension & Gratuity = 4%; Insurance = 2½%; Tool allowance = 5%; housing allowance = 45%; transport allowance = 5%; leave allowance = 10%.  
(12marks)
2. a). Discuss four (4) factors affecting cost of construction projects in Nigeria.  
b). Briefly explain two (2) methods of obtaining plant for a contract  
c). List (5) sources of course information  
(15marks)
3. a). Explain in detail the procedures for Selective Tendering for construction contracts  
b). Draft a preliminary enquiry for invitation to tender for hostel facilities at G.K Campus FUTMX.  
c). Itemize the advantages and disadvantages of selective tendering  
(15marks)
4. a). A contractor has received an invitation to tender for the construction of Shoprite in Minna, Niger State. What are five (5) factors he should consider before making a decision to tender?  
b). Briefly explain five (5) factors to consider in price build up of excavation and earthwork operations.  
(10marks)
5. a). Write short notes on the term “Tendering” and “Estimating”.  
b). Briefly elucidate on two (2) tender documents and their relevance in the construction  
(8marks)