



SECOND SEMESTER EXAMINATION 2017/2018 SESSION
COURSE CODE: QTS325 COURSE TITLE: CONSTRUCTION MANAGEMENT I
TIME ALLOWED: 2 Hours CREDIT LOAD: 2 Units
INSTRUCTION: Answer three (3) questions in all. **Questions 5 is COMPULSORY**

Question 1: a) Define Construction Management and state its objectives? (6 Marks)

b) Discuss the Functions of Construction Management (14 Marks)

Question 2: a) Discuss the Stages of Construction Project Management. (14 Marks)

b) Discuss the Importance of Construction Management. (6 Marks)

Question 3: a) Discuss four methods of developing project budget. (10 Marks)

b) Scheduling and project planning is an activity that continues throughout the lifetime of a project; Discuss. (10 Marks)

Question 4: What is resource management and discuss 12 resource management best practices. (20 Marks)

Question 5: a) Discuss four (4) fundamental project scheduling strategies. (8 Marks)

b) Draw the network diagram and determine the critical path for the following project: (12 Marks)

Activity	Time estimate (Weeks)
1 - 2	5
1 - 3	6
1 - 4	3
2 - 5	5
3 - 6	7
3 - 7	10
4 - 7	4
5 - 8	2
6 - 8	5
7 - 9	6
8 - 9	4