UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR

SPECIAL/SUPPLEMENTARY EXAMINATIONS
YEAR THREE SEMESTER TWO EXAMINATIONS

FOR THE DEGREE OF
BACHELOR OF SCIENCE COMPUTER SCIENCE

COURSE CODE : **CSC 323**

COURSE TITLE : **PROJECT MANAGEMENT**

DATE: 12/10/2018   **TIME:** **9:30 A.M – 11:00 A.M**

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTIONS ONE AND ANY OTHER TWO.

QUESTION ONE [COMPULSORY] [30 MARKS]

a) Define the following terms as used in ICT Project management: [4 Marks]
      i. Critical path
     ii. Program manager
    iii. Program
    iv. Deliverable

b) State any four attributes or characteristics of a project   [4 Marks]

c) Describe any three goals of quality programs   [6 Marks]

d) Explain any three reasons why cost overruns in ICT projects   [6 Marks]

e) Describe each of the following organizational structure in relation to project management
      i. Functional organization structure
     ii. Matrix organization structure
    iii. Projectized organization structure   [6 marks]

f) Describe any three benefits of using project management techniques in running a project
           [6 marks]

QUESTION TWO [20 MARKS]

a) i) Define the term Project Chatter   [2 Marks]
    ii) Describe the purpose of a project chatter in ICT project management   [2 Marks]

b) Describe what you understand by the terms scope and schedule in project management
           [4 marks]

c) Discuss any four project management knowledge areas ,indicating how knowledge in each area assist the project manager to successfully complete a project   [12 Marks]

QUESTION THREE [20 MARKS]

a) Explain FIVE types of Risks and their potential indicators.   [10 Marks]

b) Once people are assigned to projects, two techniques are available to project managers that help them use project staff most effectively resource loading and resource leveling. Describe each of these techniques   [4 marks]

c) Outline any three project schedule representation techniques   [6 marks]

QUESTION FOUR [20 MARKS]

a) Using clearly labeled diagrams state and explain four inter-task dependencies.   [4 Marks]

b) Describe the following times   [4 Marks]

    i). Earliest event time

    ii). Latest event time

c) i. Effective communication is one of the most important factors contributing to the success of a project. Outline any two reasons why you think good communication is a skill an ICT project manager should have?   [4 Marks]

    ii) ICT Project team members use a variety of tools to organize and present project information. Describe any four of this tools   [8 Marks]

QUESTION FIVE [20 MARKS]

a) Project integration management involves coordinating all of the other project management Knowledge areas throughout a project's life cycle. Describe six main processes involved in project integration management   [12 Marks]

b) The table below shows list of activities, their duration and immediate predecessors

Activity	Duration in weeks	Immediate predecessors
A	4	-
B	3	-
C	3	-
D	12	C
E	7	B
F	5	A
G	3	E,F,D

i) Construct an Activity on Node diagram for the project   [6 Marks]

ii) List those activities on the critical path   [2 Marks]