



EDO UNIVERSITY, IYAMHO, EDO STATE
FACULTY OF SCIENCE
DEPARTMENT OF ICT & MATHEMATICS

COURSE TITLE: System Analysis and Design

COURSE CODE: CMP225

SEMESTER/SESSION: Second Semester 2016/2017 EXAMTIME ALLOWED: 2: 30hr

INSTRUCTION: Answer any 5 (Five) questions.

1. (a) Discuss three analysis steps in SDLC (6 marks)
(b) Explain following (8 marks)
 - i). Design Strategy
 - ii). Architecture Design
 - iii). Database and File Specifications:
2. (a) Draw a Phased Development-based Methodology (6 marks)
(b) Define Prototyping and drawn Prototyping-based Methodology (8 marks)
3. The Systems Development Lifecycle consists of four stages: discuss three Planning, Design and Implementation (14mark)
4. (a) Explain the following (10mark)
 - i). Project initiation
 - ii). Feasibility Analysis
 - iii). Project selection
b). Differentiate Tangible vs. Intangible Costs (4mark)
5. (a) Define Project management and project manager (6mark)
(b) Draw case components for Project Management (8mark)
6. (a) List four(4) Key Steps in Managing Projects (4mark)
(a) Discuss the following (10mark)
 - i). Project Estimation
 - ii). Identifying Tasks
 - iii). Project work Plan
 - iv). Tracking project Tasks
7. With the aid of a diagram Illustrate the three (3) main requirement analysis Techniques in Systems analysis and design (14mark)

