



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF SPATIAL PLANNING
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF ARTS IN
SPATIAL PLANNING SEMESTER 2019/2020 ACADEMIC YEAR**

CENTRE: MAIN CAMPUS

COURSE CODE: PSP 3228

COURSE TITLE: MANAGEMENT SCIENCE

EXAM VENUE:

STREAM: SPATIAL PLANNING

DATE: 29/4/19

EXAM SESSION: 3.00 – 5.00PM

TIME: 2 HOURS

Instructions:

- 1. Answer question 1 (compulsory) and ANY other 2 questions.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

1. a) Explain the meaning of the term management science **(5 Marks)**

b) The principles of can be categorized into FOUR major functions namely

- i. Planning
- ii. Organizing
- iii. Leading
- iv. Controlling

Explain the relevance of each **(20 Marks)**

c. List FIVE reasons for goal formulation in Management Science **(5 Marks)**

2. Outline THREE major types of organization planning and explain the relevance of each **(20 Marks)**

3. Explain any TEN principles of Management as outlined by Henry Fayol **(20 Marks)**

4. a) Outline any FIVE organizational challenges in third world countries **(10 Marks)**

b) Explain how organizational theory could be applied to resolve the challenges **(10Marks)**

5. a) Briefly explain any THREE programming techniques as applied in management **(10 Marks)**

b) By giving relevant examples outline any FIVE major global challenges in use of Information systems in organizational management **(10 Marks)**