

PAPUA NEW GUINEA UNIVERSITY OF TECHNOLOGY
DEPARTMENT OF COMMUNICATION & DEVELOPMENT STUDIES

EXAMINATION QUESTION PAPER: SEMESTER 1 2020

COURSE: SOCIAL MAPPING

CODE: CD 331

DATE: June 23, 2020 TIME: 12:50 pm – 3:50 pm VENUES: CD 203, 205, 207

SUBJECT EXAMINERS: Mr Ngawae MITIO & Robert ROSA

INSTRUCTIONS:

1. You have 10 minutes reading time to read through the paper.
2. You have **3 Hours** to do the **EXAMINATION**. In the **last 30 minutes** of the Examination, **NO ONE is allowed** to leave the Examination Hall.
3. There are **6 SECTIONS** with **36 QUESTIONS** in this Examination Paper. You are required to answer **ALL** questions. The marks are indicated next to each question. **DO NOT** turn over this page until you are at Instruction No. 9 below.
4. **ALL ANSWERS** must be written in the **EXAMINATION ANSWER BOOKLET** provided. No other written materials will be accepted. You **ARE ALLOWED** to take the **EXAMINATION QUESTION PAPER** with you at the end of the examination.
5. Place your **STUDENT ID CARD** on your desk for the examiners to check.
6. **NO ELECTRONIC DEVICES, MOBILE PHONES and BAGS** are allowed in the Examination Hall. **ONLY** your stationery (i.e. ruler, biros) is allowed.
7. **RULE a line** through any mistakes; correction fluid is not allowed.
8. **EXAMINATION ANSWER BOOKLET:**
 - 8.1 **Write your NAME, Student ID No., TUTORIAL GROUP (e.g. BTCD, etc.) & TUTOR'S NAME. DO IT NOW!**
 - 8.2 Now, turn to your Examination ANSWER BOOKLET cover page and do the following: Read the "Information for Candidates" and follow the instructions accordingly!
9. **EXAMINATION QUESTION PAPER** (10 minutes Reading Time):
Check that you have **pages 2 to 6** in your Examination Question Paper. The Examination Question Paper contents are as follows:

Section	Question Nos.	Pages Nos.	Marks
1. Multiple Choice	1-11	2-3	11
2. True or False	12-21	3-4	10
3. Matching of Concepts	22-24	4-5	28
4. Short Answers –Definitions and short sentences	25-32	6	35
5. Skills Application – Short Essay	33-34	7	20
6. Questions on GPS	34-36	7	25
Total			129

Weighting: 40 %

PART A: MULTIPLE CHOICE
(10 Marks)

Circle the letter for correct answer to the following statements

1. Burton refers to social landscape as “socially defined group”. Which of the following words/phrases best describes “socially defined groups”?
 - A. migration
 - B. cultural practices
 - C. social structure
 - D. marriage

2. In doing genealogies, you are *ego* if you are (Circle the description which best describes you)
 - A. the person who is drawing your family tree,
 - B. the person who is discussing a family tree
 - C. the individual in the family tree who is tracing your decent, kinship networks and family relationships.
 - D. a self-centered person

3. Determining population composition is important in social mapping. Which of the following is not a component of population composition?
 - A. age-sex pyramid
 - B. Ethnicity
 - C. crime
 - D. income levels

4. “Forms superimposed on the physical environment by the activities of man” refers to:
 - A. Demography
 - B. Cultural landscape
 - C. Physical landscape
 - D. Natural environment

5. Which of the following authors made this statement “Forms superimposed on the physical environment by the activities of man...”
 - A. James Weiner
 - B. Carl Saucer
 - C. John Burton
 - D. Thomas Robert Malthus

6. What section of the Oil and Gas Act requires preliminary and full scale social mapping?
 - A. section 45
 - B. section 47
 - C. section 49
 - D section 50

7. Both Burton and Weiner recommend that social mapping, landowner identification and socio-economic impact assessment/study be done by
- A. kiaps
 - B. geologists
 - C. surveyors
 - D. social scientists
8. Which of the following term is not associated with population mobility?
- A. migration
 - B. morality
 - C. fertility
 - D. mortality
9. Landowner identification is a requirement of which of the following Acts?
- A. Integrated Land Group Act
 - B. Land Dispute Settlement Act
 - C. Oil and Gas Act
 - D. Mining Act
10. The National Goals and Directive Principles are taken from which document?
- A. PNG Vision 2050
 - B. The Organic Law on Provincial and Local Level Government
 - C. The Integrity Act
 - D. The PNG National Constitution
11. The first person to write about the problem of population increase in society was?
- A. Carl Saucer
 - B. Robert Chamber
 - C. Thomas Robert Malthus
 - D. John Burton
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**PART B: TRUE OR FALSE
(10 Marks)**

Circle either True or False for the following statements or questions:

12. John Burton's writing on social mapping was done in 1987. The Oil and Gas Act was enacted before his writing.
- A. True
 - B. False
13. The Oil and Gas Act requires the government to do social mapping studies for the developers.

- A. True
B. False
14. Social Impact Assessment under the Environment Act adequately deals with landowner identification as under the Oil and Gas Act.
A. True
B. False
15. The Mining Act 1992 also specifically requires landowner identification.
A. True
B. False
16. Material culture is the same as non-tangible culture.
A. True
B. False
17. One's culture is irrelevant to the future generation.
A. True
B. False
18. The quality of *air* that people breed in a community is not part of the natural environment.
A. True
B. False
19. A community's technical skills are part of its material culture.
A. True
B. False
20. In PRA local people's knowledge and skills are not sought.
A. True
B. False
21. Population composition does not contribute towards the make-up of society.
A. True
B. False
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PART C: MATCHING OF CONCEPTS
(28 Marks)

22. In social mapping, it is important to note a community's population mobility. Match the following: (3 marks)
- | | |
|----------------|--|
| A. Migration | i) out migration |
| B. Emigration | ii) movement of people in & out of an area |
| C. Immigration | iii) in migration |

23. Understanding of a group's culture is important in social mapping. Match the following cultural terms and meanings. (10 marks)

- | | |
|-------------------------|--|
| A. Multi-culturalism | i) a society's standard of proper moral conduct |
| B. Artifacts | ii) cultural patterns strongly opposed by many in a society |
| C. cultural integration | iii) inability to read meaning in one's surroundings |
| D. Social control | iv) knowledge a society applies to the task of living in a physical environment |
| E. Mores | v) cultural patterns that distinguishes a society's elite |
| F. Counter culture | vi) rules & expectations by which a society guides the behavior of its members |
| G. technology | vii) close relationship amongst various elements of a cultural system |
| H. Norms | viii) All man made physical objects |
| I. Cultural shock | ix) recognizing past and resent cultural diversity m and promoting the equality of all cultural traditions |
| J. High culture – | x) various means by which members of society encourage conformity to norms |

24. Fill in the blanks (replacing the alphabets) with the 15 words provided to complete in part the wording of the fifth goal of the National Goals and Directive Principles, which is very important for social mapping: (15 marks)

language, variety, development; diversity, traditional, people, dynamically, strength, fostering, willingness, culture, richness, creatively, Commercial, appreciation.

“...recognition that the cultural A and ethnic B of our C is a positive D , and for the E of a respect for, and F of, G ways of life and H including I in all their J and K , as well as for a L to apply these ways M and N for the tasks of O ;”

PART D: SHORT ANSWERS – DEFINITIONS AND SENTENCES
(35 Marks)

The word define means to describe, explain or make clear the meaning of something.
Define the following:

25. Social mapping is made up of the two words social and mapping. Briefly explain the two words **social** and **mapping**: (6 marks)
 - A. social
 - B. mapping
26. Correctly define the meaning of social mapping according to John Burton. (5 marks)
27. Define or explain the process of social mapping according to James Weiner. (5 marks)
28. Understanding the demographic make-up of an area is important in social mapping. Define what John Burton means by demographic landscape? (4 marks)
29. What do the following initials stand for? (5 marks)
 - A. R.R.A.
 - B. P.R.A.
30. In doing social mapping one will also be doing ethnographic studies. Explain what ethnography means? (5 marks)
31. Social mapping has many similarities with social impact monitoring. Without using the word *impact*, explain what social impact is. (5 marks)
32. Correctly name the three anthropological terms for inheriting land and property in Papua New Guinea. (6 marks)
 - A.
 - B.
 - C.

**PART E: SKILLS APPLICATION – Short Essays
(20 Marks)**

Answer both essay topics (minimum 1 page per topic)

33. Having done the course on social mapping, write a short essay on why it is important to do social mapping in resource development projects in Papua New Guinea. Use the sources that both Burton and James Weiner use their writing on Social mapping. (10 marks)
34. Give a brief description on how to go about doing a social mapping exercise in a resource project area in Papua New Guinea. (10 marks)
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**PART F: QUESTIONS ON GPS
(25 Marks)**

Please write this with a separate page.

35. Describe in detail the functions of Control Monitoring stations (5 Marks)
36. Define and describe the Error Codes of GPS satellite system (5 Marks)
37. Describe the relationship of GPS, WGS84 and the Physical Earth Surface (5 Marks)
38. Describe the 3 Universal Coordinate System and define the Origins of each coordinate System (5 Marks)
39. Describe the Structure of the Universal Transverse Mercator (UTM) Coordinate System (5 Marks)

END OF EXAM