

PAPUA NEW GUINEA UNIVERSITY OF TECHNOLOGY
DEPARTMENT OF COMMUNICATION AND DEVELOPMENT STUDIES
EXAMINATION QUESTION PAPER

COURSE: Technology and Society
CODE: CD 341
DATE: 29th October 2020
VENUE: CDS Room 207, 205, 203
SUBJECT EXAMINER: Mr. Sefo
MODERATOR: Mr. Kuri/Mr. Mitio

EXAMINATIONS INSTRUCTIONS:

1. You have **3 hours** to do the EXAM. You will be given **10 minutes ‘Reading time’**, before the Exam begins. In the last 30 minutes of the Exam, NO ONE is allowed to leave the Exam room.
2. There are FOUR (4) PARTS with 47 QUESTIONS in this EXAM PAPER. You are to answer ALL questions. The marks are indicated next to each question. **Do not turn over this page until you are told to do so.**
3. ALL ANSWERS must be written in the EXAMINATION ANSWER BOOKLET provided. No other written materials will be allowed. You are allowed to take the EXAMINATION QUESTION PAPER after the EXAM.
4. Place your STUDENT ID CARD on your desk for the examiner to check.
5. NO ELECTRONIC DEVICES, MOBILE PHONES and BAGS are allowed in the Exam room; ONLY your stationery (ruler, biros) is allowed.
6. RULE a line through any mistakes; ***CORRECTION FLUID is not allowed.***
7. Write your NAME, STUDENT ID #: LECTURER’S NAME on the EXAMINATION ANSWER BOOKLET. **DO IT NOW!**
8. Check that you have pages 1 to 8 in your EXAM QUESTION PAPER. The Examination Question Paper contents are as follow:

Parts:	Item Types	Question(s)	Page(s)	Marks
A	Multiple Choice	1 - 20	1 - 5	20
B	True/False	21-40	5-6	20
C	Matching	41	6-7	10
D	Short Answer	42-46	7-8	10
E	Essay Answer	47	8	30
		TOTAL MARKS		90
		PERCENTAGE MARK		40%

9. NOW turn to your EXAMINATION BOOKLET cover page. Read the ‘Information for Candidate’ and follow the instructions accordingly.

PART A: MULTIPLE CHOICE (20 MARKS)

Choose the correct answer by writing the letter of your choice on the answer booklet.

QUESTION 1:

Which of the following is **not** a concept of society?

- A. Human beings.
- B. Animal kingdoms.
- C. Social units.
- D. Organizational units.

QUESTION 2:

What does human society compose of?

- A. Group of people.
- B. Living together or apart.
- C. Common culture, problems, objectives and history.
- D. All of the above.

QUESTION 3:

Which type of human society existed in the period 0-10, 000 years?

- A. Hunter/gatherer.
- B. Horticultural.
- C. Pastoral.
- D. Agrarian.

QUESTION 4:

Subsistence technology emerged because _____.

- A. Horticultural period ended.
- B. Hunting and gathering era ended.
- C. Agrarian era began.
- D. Agrarian era ended.

QUESTION 5:

Which societal period did the growth of trade and commerce emerge?

- A. Hunting and Gathering period.
- B. Industrial period.
- C. Agrarian period.
- D. Horticultural period.

QUESTION 6:

Which society invented wheels and its applications?

- A. Pastoral.
- B. Industrial.
- C. Agrarian.
- D. Horticultural.

QUESTION 7:

Which period did ordinary tools emerge?

- A. 1000 years period
- B. Simple Agrarian period.
- C. Advanced Agrarian period.
- D. Horticultural period.

QUESTION 8:

Which force facilitated the process of social and cultural changes?

- A. Forms of Innovations.
- B. Rates of Innovations in Human Societies.
- C. Innovation through Diffusion.
- D. All of the above.

QUESTION 9:

Which of the following is **not** the feature of an emergence of technological policy?

- A. What Technological Policy is.
- B. Evolution of Technological Policy.
- C. Advanced Technology.
- D. Rates of Innovations.

QUESTION 10:

Which country was the first country to derive more than half of its income from productive activities involving machines?

- A. China.
- B. England.
- C. America.
- D. Anglo-Saxon.

QUESTION 11:

Which of the following is **not** the feature of the appropriate technology?

- A. Computerized technology in rural areas.
- B. Sustainable technology in the society.
- C. Technology appropriate to natural society.
- D. Producing less pollution in the society.

QUESTION 12:

What was the common factor in the two technology gaps?

- A. The acquisition of technology is costly.
- B. Imperfect communication.
- C. Non-availability.
- D. All of the above.

QUESTION 13:

Which society cultivated plants using woods and stones as tools?

- A. Hunters and Gatherers society.
- B. Simple Horticultural societies.
- C. Advanced Horticultural society.
- D. Simple Agrarian society.

QUESTION 14:

How were the individual societies classed by?

- A. Family classification.
- B. Early human interactions.
- C. Primary mode of subsistence.
- D. Environmental conduciveness.

QUESTION 15:

In which year period did the Agrarian era exist?

- A. 8,000BC.
- B. 3,000BC.
- C. 3,000BC to 1800AD.
- D. 1,800AD to the present.

QUESTION 16:

Which of the following is the technology of Horticulture?

- A. Religious shrines.
- B. Ceremonial centers.
- C. Village walls.
- D. All of the above.

QUESTION 17:

What was the triggering factor for emergence of *multi-community societies*?

- A. Advanced technology.
- B. Complicated society.
- C. Trade and Commerce.
- D. Population and Economy.

QUESTION 18:

Of the many technologies, which technology had a greater impact during the Horticultural period?

- A. Stone axe.
- B. Iron tool.
- C. Plowing implement.
- D. A tractor.

QUESTION 19:

From which region did *iron making* originate from?

- A. Middle East.
- B. Old World.
- C. Industrial World.
- D. Europe.

QUESTION 20:

How were the legends passed on in the traditionally minded societies?

- A. By drawings and paintings on the wall.
- B. By elaborate written characters.
- C. By formally recorded histories.
- D. By word of mouth.

PART B: TRUE/FALSE ITEMS 20 MARKS

Write **T** for *True* and **F** for *False* for the following statements on the answer booklet.

QUESTION 21:

A typical Oldowan simple chopping-tool during the Agrarian period was a stone axe from the Duero Valley. _____.

QUESTION 22:

The *transhumance pastoralists* also migrate according to seasons, but they return to the same locations. _____.

QUESTION 23:

The inventions which marked the beginning of modern technological revolution occurred in the eighteenth century. _____.

QUESTION 24:

Technology was destined to have profound and far-reaching advancements for human life as a whole. _____.

QUESTION 25:

In horticultural societies, a number of communities are usually united under a single leader. _____.

QUESTION 26:

Of all the innovations mentioned, the plow had the greatest potential for social and cultural change. _____.

QUESTION 27:

A workable harness for horses was one of the impact innovations for the Pastoral period. _____.

QUESTION 28:

Addition of new elements to the existing system was one of the social and cultural changes that took place during the period of history of technology and society. _____.

QUESTION 29:

Not all cultural innovations generate the same degree of pressure for change in the rest of the system. _____.

QUESTION 30:

One of the features of Industrial society was working under own roofs at own time. _____.

QUESTION 31:

Computers are Appropriate Technology (AT) for PNG society. _____.

QUESTION 32:

Correct policy is the answer to *closing off* suitability gaps for developed countries. _____.

QUESTION 33:

A system of sharing earnings with developed countries may prevent the growth of an innovative entrepreneurial class. _____.

QUESTION 34:

In developed countries, the appropriate technology movement grew out of the energy crisis of the 1970s and focuses mainly on environmental and sustainability issues. _____.

QUESTION 35:

Phases of Industrialization began in the middle of the 19th century in England in the textile industry. _____.

QUESTION 36:

A new strategy for economic development was supported by a FFYP of 1953-1957.
_____.

QUESTION 37:

American societies have lower rates of innovation while some industrial societies have higher rate of innovations. _____.

QUESTION 38:

From its point of origin in the Middle East, *plow making* spread until eventually it was practiced in nearly all of the Old World. _____.

QUESTION 39:

Invention of writing was done during Simple Agrarian society's period. _____.

QUESTION 40:

Reasons attributed to the increase in war-fare were population growth and advancement in technology. _____.

PART C: MATCHING ITEM (10 MARKS)

QUESTION 41:

Match the terms in the left-hand column with their definitions/descriptions in the right-hand column for this question.

No:	Terms/Concepts	Ans.	Definitions/Descriptions
1	Herding societies		A. This was one of the technologies of the Horticultural societies.
2	Hunting and gathering societies		B. A kind of specialization that came about because of the Growth of Trade and Commerce.
3	Iron		C. The social environment that facilitated changes in human society.
4	Pastoral society		D. These types of societies ended in the last 10,000 to 12,000 years ago.
5	Religious shrines		E. This type of society practiced horticulture and did animal husbandry.
6	Industrial society		F. The technological policy that the Chinese used to transform their economy.
7	Forced-draft industrialization.		G. Constitutes a nomadic and semi – nomadic way of life.
8	A butcher		H. A new type of society that emerged during the 20 th century.
9	Biophysical environment		I. Technology developed during the Advanced Agrarian society’s period.
10	Agrarian society		J. Is a nomadic group of people who travel with domesticated animals, which they rely on for food.

PART D: SHORT RESPONSE QUESTIONS (20 MAEKS)

Supply short answers to the questions as directed by each question.

QUESTION 42:

Name the three (3) things that contributed to the transition from hunting and gathering to plant and animal domestication. (3 marks)

- A. _____.
- B. _____.
- C. _____.

QUESTION 43:

Which time period was the origins of *Herding societies* may have started? (1 mark)

_____.

QUESTION 44:

Define what *Agrarian society* is. (2 marks)

QUESTION 44:

What is the name of the type of society that is the rarest of all major social types but played a major role in the civilized world? (1 mark)

_____.

QUESTION 45:

What was the second obstacle to the spread of *benefits of the technology*? (2 marks)

QUESTION 46:

Name the two (2) technologies that PNG can adopt. (2 marks)

A. _____.

B. _____.

PART E: ESSAY ITEM (30 MARKS)

For this part, read the instructions given below and answer the questions as directed.

QUESTION 47:

Instructions:

- 1) COVID-19 Pandemic has created a different type of society today. If the State of Emergency (SOE) directed that people go back home/villages for five (5) years period, identify one technology that you would utilize to sustain your lives in the homes/villages.
- 2) Discuss two (2) ways in which you could have used the technology to sustain your life for the period.
- 3) Suggest an appropriate *title* under which you will discuss your two (2) points.
- 4) Be realistic in identification of the technology and your discussions.
- 5) Construct a four (4) paragraphs essay based on the specific topic.
- 6) Show all paragraphing features of an essay.

END OF SEM 1 EXAMINATION