

PRESIDENT’S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
ADVANCED CERTIFICATE OF SECONDARY EDUCATION EXAMINATION
MOCK EXAMINATION SOUTHERN ZONE
(MTWARA AND LINDI)

113/1

GEOGRAPHY 1
(For Both School and Private Candidates)

Time: 3 Hours

Tuesday, 26th January, 2021 p.m.

Instructions

1. This paper consists of total of **seven (7)** questions in section A and B.
2. Answer total of **five (5)** questions; Two questions from section A and **three (3)** questions from section B. Question number **one (1)** is compulsory
3. In Section A, question number **One (1)** carries **twenty five (25)** marks and the rest **fifteen (15)** marks each, while in Section B, each question carries **twenty (20)** marks.
4. Map extract of **Mbeya sheet 244/4** is provided.
5. Write your **Examination Number** on every page of your answer booklet(s).

This paper consists of three printed pages

SECTION A (40 marks)

Answer **two (2)** questions. Question number **One (1)** is compulsory.

1. Carefully study the Map extract of **MBEYA sheet 244/4** provided and answer the following questions.
 - (a) Convert the Map RF-scale provided into statement scale
 - (b) Suppose this Map is redrawn with the scale which is two times larger than the original scale, what will be the new scale?
 - (c) The surveyor standing at grid reference 440160 spotted an object located 5.9km from where he was standing. Name the object and locate its position using grid reference, if the bearing from the object to surveyors position is 203°
 - (d) Why there is poor transport and communication in north western part of the mapped area? Provide one reason.
 - (e) What are socio-economic potentials of the mapped area to its occupants? Provide four points.
 - (f) Indicate natural and human determinants of vegetation distribution. Give three points.
2. The survey team recorded data for compass survey activity conducted around industrial area as follows.

STATIONS	DISTANCE	FB	BB
AB	600m	050°	230°
BC	800m	120°	300°
CD	600m	215°	035°
DE	500m	260°	080°
EA	630m	330°	150°

- (a) Using the scale of 1 : 10000, construct the traverse and identify the type of traverse constructed.
- (b) What are the common sources of errors in prismatic compass survey. Give three sources.
- (c) Analyse three values of prismatic compass survey.

3. (a) Examine four main types of statistical data.
(b) Assess potentialities of statistical data in our daily lives. Give five points.

SECTION B (40 marks)

Answer **three (3)** questions from this section.

4. Analyse six (6) facts which prove that Graded profile of the river is idealistic concept.
5. “People living in areas affected by vulcanism benefit a lot by being occupants of those areas ” Justify this statement with examples.
6. “The Global variation in climates is highly determined by variation in latitude locations” Disagree with the statement by giving six (6) points.
7. Mr Mashaka is a farmer who wants to start the new farm, in this process he needs to identify the indicators which may help him to discover productive soil, as a form six graduate educate Mr Mashaka on the indicators which can be used to discover productive soil. Use six points.