ISESE

FORM FOUR OPENING TEST

GEOGRAPHY MARKING SCHEME

1.

C	C	D	B	C	C	A	C	C	B
i	ii	iii	iv	v	vi	vii	viii	ix	x

10 MARKS @ 1MARK

2.

D	B	F	C	A	E
I	ii	Iii	Iv	v	vi

6 MARKS @ 1 MARK

3 (a) i) Vertical exaggeration is the number of times by which the vertical scale (VS) is larger than the horizontal scale (HS).

(ii) Inter visibility this is the situation whereby the place is visible from another place or not.

(iii) Topographical map these are maps which shows both man-made and natural features.

3MARKS @ 1MARK

b) – Spot height

- Trigonometric stations

- Forms of line

- Hill shading

- Layer colouring

-Benchmark (BM)   3MARKS @ 1MARK

c)

i)   Mark two end points as A and B between which the cross section is desired
ii) Draw a straight line to join the two end-point, A and B
iii) Two end point of the area to be stretched should be marked AB
iv) Hold the edge of a piece of paper along AB, and mark on the paper where every contour cuts the paper edge.

v) Prepare a vertical scale after making the value of contour on the paper

vi) The horizontal base-line represents the line between two points.

vii)Prepare a frame for drawing the cross section   3MARKS @ 1MARK

4 (a) Statistics is a discipline of collecting, organizing, analyzing, interpreting numerical data.

3MARKS @ 1MARK

b) Types of statistics

Inferential statistics deals with all procedures that enable one to draw conclusions and generalize the entire population b y the use of samples.

-Descriptive statistics it involves a broad set of data obtained from the field as summarized using statistical measures   3MARKS @ 1MARK

(c) Importance of statistics

Statistics is used in land planning, resource allocation and provision of social services.

Geographical information can be made available in a small space by summarizing it in different statistical forms.

Statistics enables us to convert massive data into a simple data and manageable form of by using measures of central tendency and dispersion for study purposes 3MARKS @ 1MARK

5 (a) Transportation2MARKS

(b)Ground photograph due to the following reasons;-

i)   The photo is taken horizontally
ii) The object is clearly seen   3MARKS @ 1MARK

(c) –Support from the government

- High level of science and technology 2MARKS @ 1MARK

(d) Economic importance

i)   It increase government revenue
ii) It create employment opportunity
iii) It stimulate other economic sector like trade 2MARKS @ 1MARK

6 (a) Procedures in Chain survey

   i)   Reconnaissance
   ii)   Observation and
   iii) measurement   3MARKS @ 1MARK

(b) Ways of overcoming obstacles

   i)   Using the right angle method
   ii)   Using congruent triangles or a similar triangles techniques
   iv) Use the Pythagoras theorem   3MARKS @ 1MARK

(c) Ways of avoiding errors in chain survey

   i)   The chain should be checked and repaired for any damage
   ii)   It is advised to avoid steep slopes and major obstacles
   iii) A steeping method should be using when chaining along a sloping ground
        3MARKS @ 1MARK

7 .

   i)   Cover your head with heavy object
   ii)   People should advise to construct buildings and road that can withstand earthquakes.
   iii) People should not construct building in fault line zones
   iv) Emergency services should be organized to provide first aid
   v)   People should be advised on what to do in the event of an earthquakes   9 MARKS

8.

   i)   Outbreak of diseases
   ii)   Loss of biodiversity
   iii) Soil erosion
   iv) Occurrence of drought

9 MARKS

9. Introduction (02 marks)

Main body (12 marks)

 i) Altitude
 ii) Ocean current
 iii) Distance from the sea
 iv) Latitude
 v) Wind
 vi) Cloud cover
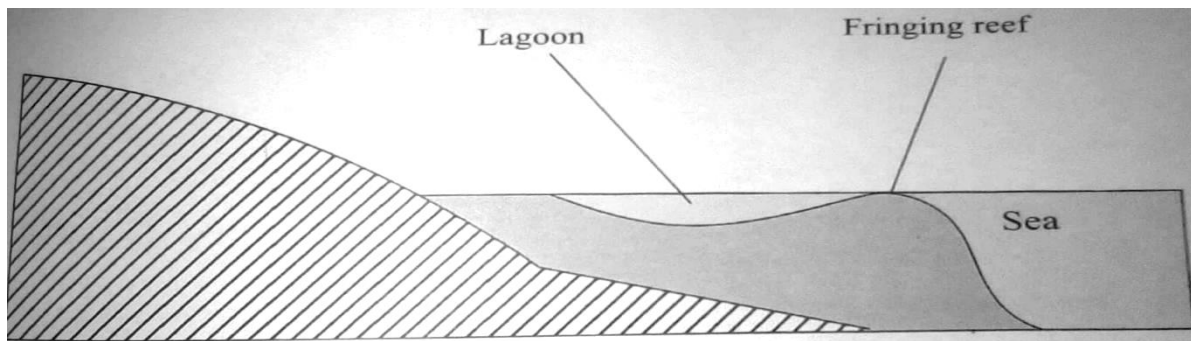 vii) Aspect
 viii) Length of a day
      Conclusion (1 marks)

10. (a) Coral reefs (2 marks)
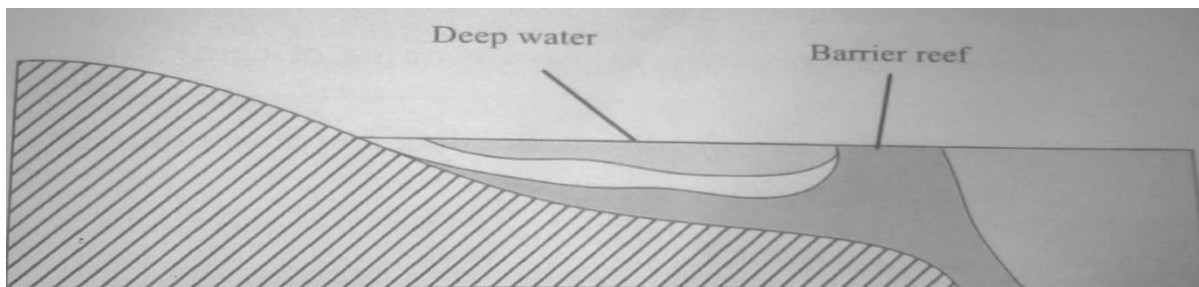
(b) Types of coral reefs

Fringing reef (2 marks)

This consists of a platform of coral connected to, and built out from a coast.

Barrier reefs (2 marks)

This is normally located several kilometers away from the shore, and is separated from the shore by deep water lagoon or any other body of water.

Atoll reef (2marks)

This is a circular-elliptical or horse shoe shaped coral reef enclosing a lagoon without island in between

(C) Importance of Coral reefs (6 marks)

  i)   They provide good fish breeding ground
  ii)   They attract tourists who contribute to the national income
  iii) They provide habitats for sea turtles, algae and fish
  iv)   They are used as raw materials in pharmaceutical industries
  v)   They protect coast line from erosion
  vi)   They are used for decoration
        Conclusion (01 marks)

11. Importance of hydroelectric power

Introduction (02marks)

Main body (12 marks)

  i)   It creates employment opportunities
  ii)   It stimulates trade activities
  iii) It led to economic development
  iv)   Major source of electricity
  v)   Reduced over-dependency on fuel wood
  vi)   Waste management
        Conclusion (01 marks)

U.B.N COOPERATION O-LEVEL EXAMINATION SERIES 2025
TIME TABLE FOR ALL SUBJECTS
FORM TWO AND FORM FOUR
JANUARY SERIES

ALL SUBJECTS	DATE	TIME
SERIES – 01	20th January 2025	03:00 – 6:00 pm
SERIES – 02	27th January 2025	03:00 – 6:00 pm

CONTENTS COVERED
1. SERIES FORM TWO
(ALL TOPICS IN FORM ONE AND ONLY ONE TOPIC IN FORM TWO)
2. FORM FOUR
(ALL TOPICS IN FORM ONE, FORM TWO, FORM THREE AND ONLY ONE TOPIC IN FORM FOUR)

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U.B.N COOPERATION
O-LEVEL MONTHLY TEST 2025
FORM TWO AND FORM FOUR

OFA OFA

U.B.N COOPERATION TUNATOA OFA MAALUM YA KUJIUNGA NA GROUP LETU LA "U.B.N COOPERATION" KWA WAKUU WA SHULE NA WATAALUMA KWA TSH 100,000/= KWA KIDATO KIMOJA AMBAPO UTAPATA MITIHANI YA KILA MWEZI (MONTHLY TEST NA MARKING SCHEMES ZAKE) KWA MASOMO YOTE NDANI YA MIEZI SITA (MWEZI JANUARI – JUNE). OFA HII NI KWA KIDATO CHA PILI NA CHA NNE TUU. MWISHO WA KUJIUNGA NA OFA HII NI TAREHE 15/01/2025

KWA MAWASILIANO TUCHEKI KWENYE NAMBA 0624 254 757 WHATSAPP TU