



TANZANIA HEADS OF ISLAMIC SCHOOLS COUNCIL
FORM FOUR INTER ISLAMIC MOCK EXAMINATION

013

GEOGRAPHY

(For Both School and Private Candidates)

Time: 3 Hours

Wednesday, 7th September 2022 p.m.

Instructions

1. This paper consists of sections **A**, **B** and **C** with a total of ten (10) questions.
2. Answer **all** questions in sections A and B and two (2) questions from section **C**.
3. Section **A** carries twenty (15) marks, section **B** carries **fifty five (55)** marks and section **C** carries **thirty (30)** marks.
4. Map sheet of MUSOMA (sheet 12/2) is provided.
5. Non-programmable calculators and mathematical table may be used.
6. Cellular phones and any unauthorized materials are not allowed in the examination room.
7. Write Your **Examination Number** on every page of your answer booklet(s).



SECTION A (20 Marks)

Answer **all** questions in this section

1. For each of the items (i) – (x) choose the correct answer from among the given alternatives and write its letter beside the item number in the answer booklet provided.

(i) Mr. Yusuph completed secondary at Mtakuja in 2003 and learned that there are nine planets in the solar system, nowadays one planet has been withdrawn by “International Astronomical Union (I.A.U)” from the list of planets, that planet is classified as:

- A. Dead planet
- B. Fastest planet
- C. Dwarf planet
- D. Coldest planet
- E. Hot planet.

(ii) The difference in time between Kato village and Mabwe village is 2 hours and 32 minutes. The longitude of Kato is 90° east and the local time is 6 hours and 32 minutes in the morning. What will be the local time of Mabwe village?

- A. 03:00 AM



- B. 04:04 PM
- C. 05:00 PM
- D. 06:00 AM
- E. 09:04 AM.

(iii) Mr. Akilimali was describing types of lakes, he said some lakes are formed in depressions such as craters and calderas. Which process is responsible for the formation of named lakes?

- A. Faulting
- B. Deposition
- C. Volcanicity
- D. Erosion
- E. Wrapping.

(iv) Mrs. Jamal Maringo cultivated Irish potatoes on a small piece of land for family use, but the crop did not grow. What term describes the status of soil used?

- A. Soil Ph
- B. Soil catena
- C. Soil texture
- D. Soil infertility
- E. Soil depth

(v) Hassan and Hussein visited mount Monte Rosa in Switzerland, they saw a semicircular (armchair) with steep-sided cut into the side of mountain. The guider said that when ice melt it forms a lake. How can you call that depression?

- A. Arête



- B. Horn
- C. Hanging valley
- D. Rock basin
- E. Circle.

(vi) After oil prices rose, the Mchuchuma villagers who were using petrol as a main source of energy have started producing energy from food scraps and animal waste for cooking, heating and lighting at lower cost. The energy is known as:

- A. Coal energy
- B. Biogas energy
- C. Solar energy
- D. Tidal energy
- E. Geothermal energy.

(vii) Tourists climbed Mount Kilimanjaro, they experienced changes in temperature as they go higher. That changes were due to:

- A. Environmental lapse rate
- B. Tourists are originated from hot climate
- C. Mount Kilimanjaro found from mean sea level
- D. Temperature inversion
- E. Mount Kilimanjaro is the highest mount in Africa.

(viii) Form three students were punished by mathematics teacher to dig a waste hole at

school compound. They saw different layers of the soil from that hole. Those layers are called:

- A. Soil porosity
- B. Soil depth
- C. Soil compound



- D. Soil texture
- E. Horizon.

(ix) The President of United Republic of Tanzania Hon. Samia Suluhu Hassan uses Royal Tour Film in the World to promote.

- A. International relationship
- B. Introducing African culture
- C. Tourism sector
- D. Investment
- E. Foreign currency.

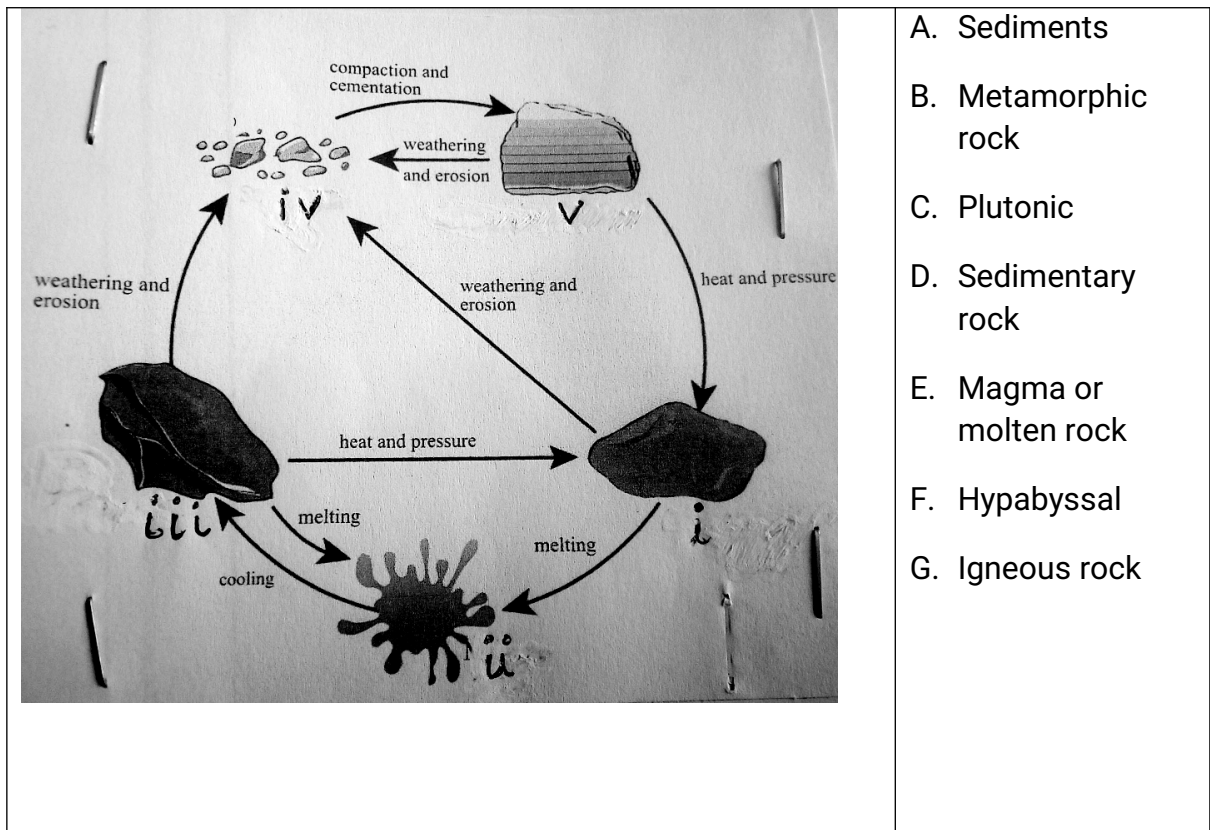
(x) Four students visited Amboni Cave. They saw a feature develop from the roof to floor. That feature is named as:

- A. Stalagmite
- B. Column
- C. Stalactite
- D. Sink hole
- E. Cavern.

2. Match the rock cycle in LIST A with their corresponding rock formation process in LIST B by writing a letter of the correct response beside the item roman number in the answer booklet provided.

LIST A	LIST B
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SECTION B (55 Marks)

Answer all questions in this section

3. Study carefully the map extract of MUSOMA (sheet 12/2) and answer the following questions.
 - (a) Bodaboda planned to ride bike from Mara secondary school (Grid reference 878330) to Mugango but he got a puncture after 11 cm and decided to walk (pushing his bike) for the remaining section of the route. How far (in kilometer) did the bodaboda push his bike?
 - (b) Calculate the area covered by large water body shown on north east of the map. (Answer in km²).
 - (c) Describe settlement pattern depicted on the mapped area.
 - (d) Identify ways used to express scale on the given map.
 - (e) With evidence from the map suggest the type of climate experienced in mapped area.

4. Carefully study the statistical data in tables P, Q, R and S and then answer the questions that follow:

TABLE P

ITEMS	NUMBER OF ITEMS
CARS	76
TREES	14
HOUSE	35
TABLE	75

TABLE Q

NAME	WEIGHT IN KG
KOKO	72
ANNA	65
DOLE	48
SOLA	50

TABLE R

MONTH	TEMP IN °C
DECEMBER	23.7
JANUARY	25.3
FEBRUARY	24.5

MARCH 25.8

TABLE S

GEOG	NO. OF STUDENTS
00 - 29	2
30 - 44	3
45 - 64	5
65 - 74	15
75 - 100	20

- (a) Identify and describe nature of statistical data presented in table P, Q, R and S.
- (b) Apart from table, what are other methods that can be used to show the data given above (only two methods).
- (c) Present data in table P by means of pie chart.
5. Mr. Hamza is a geography teacher, he told his form five students to carry out a mini research project around the village, but he insisted to his students to read on various past research projects done by other students. Why Mr. Hamza insisted his students



to do so before? (Give five (5) points).

6. Form three students formed survey team for the aim of conducting a chain survey around a school compound, when they were proceeding with taking linear measurement along their base line, they encountered with a pond which was constructed for fish keeping project at the school.

(a) Identify the type of obstacle faced by a survey team.

(b) Suggest a method that can be used to avoid that obstacle.

(c) Advise the team on what should be done to avoid mistake that can lead into taking wrong measurement. (Give four points).

(d) Point out four (4) equipment used to conduct that survey.

7. Study carefully the photograph provided and then answer the questions that follow:



- (a) With two (2) reasons suggest the type of the photograph given.
- (b) Suggest two (2) uses of the crop shown on the photograph.
- (c) Under what scale is the type of farming practiced, why?
- (d) Name two (2) regions in Tanzania which are famous for growing of the crop shown on the photograph.
- (e) State two (2) challenges facing production of the crop shown on the photograph.

SECTION C (30 Marks)

Answer **two (2)** questions from this section

- 8. Mr. Li is a Chinese by nationality, he came here in Tanzania for the major purpose of establishing a large textile industry as part and parcel of the effect of supporting a policy of industrialized economy in Tanzania but he failed to decide on a good place of constructing his industry. With six (6) points advise Mr. Li on his idea.
- 9. Tanzania is said to be the only country in the world for extraction of tanzanite, but the people who engaged in extraction of tanzanite face with many challenges. By giving six (6) points explain on how you can advise the government of Tanzania to deal with those existing challenges.
- 10. In 10th September 2016 the USA Geological Survey reported the sudden shacking of the earth's crust at Bukoba in Tanzania. This took place at 15:17 local time on Saturday. The area was badly affected by strong seismic waves from the focus with the Magnitude of 5.7. What are the general causes that May Lead to the occurrence of such calamity (Give six points).



Wabillah Tawfiq

