NAME: _____ ADM NO: _____CLASS:_____

DATE: _____ SIGN: _____

GRADE 10

GEOGRAPHY

END TERM 2, 2026

50 marks

INSTRUCTIONS: (Answer all the questions in the spaces provided) TIME: (1Hour 30 minutes)

1. (a) Define the following terms; (6mks)

i. Geographical information system

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ii. Remote sensing

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iii. Geo referencing

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(b) Differentiate between spatial data and attribute data. (2mks)

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(c) Illustrate the use of G.I.S in the following fields

i. Agriculture (2mks)

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_____

ii. Transport (2mks)

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_____

2. The teacher brought a photograph that had information such as location and date taken.

(a) Which technology is responsible for the information above. (1mk)

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(b) Explain **three** components of the above technology. (6mks)

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(c) Amtar Senior school was captured to be -0.268105 degrees. Convert the above coordinates into DMS (4mks)

3. (a) Name **five** components of G.I.S used in Geo referencing. (5mks)

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(b) List **four** disadvantages of using G.I.S. (4mks)

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4. (a) Define the term rock. (2mks)

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(b) Give the **two** categories of intrusive igneous rocks. (2mks)

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(c) Describe the formation of organically formed sedimentary rocks. (3mks)

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(d) state **three** characteristics of sedimentary rocks. (3mks)

(e) What is rock metamorphism? (2mks)

(f) List down **three** types of rock metamorphism. (3mks)

(g) State **three** significance of rocks to human activities. (3mks)