**Name:** ………………………………………………..…**Adm No**: ….…………**Class:** ………… **Student’s Sign**: ………...............**Date:**…………………............................................

**OPENER EXAMS**

**TERM 3 2023**

**FORM ONE GEOGRAPHY**

1. Define the following terms: (4mks)
2. Geography

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1. Environment

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 b. Identify **three** areas studied in human geography. (3mks)

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 c. Identify **three** areas that are studied in practical Geography. (3mks)

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 d. Explain **four** reasons why geography is studied in Kenyan schools. (8mks)

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 e. Name **four** disciplines that relate with geography. (4mks)

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1. a. Identify three components of the solar system. (4mks)

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b. Apart from the passing star theory, name two other theories that explain the origin of the solar system. (2mks)

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c. Explain the origin of the earth according to the Passing Star Theory. (4mks)

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d. Mention four weaknesses of the passing star theory. (4mks)

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 e. What is an orbit? (2mks)

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1. a. Identify the shape of the earth. (1mk)

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b. Which three forces are responsible for the shape of the earth identified above? (3mks)

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c. Use the diagram below on movement of the earth to answer the questions that follow.



1. What type of earth movement is shown on the above diagram? (1mk)

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1. If the earth takes 366 days to make one complete revolution during a leap year, how long will it take to move from position 1 to 4? (3mks)

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1. Which season is experienced in the northern hemisphere when the earth is in **position 2**? (1mk)

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d. If the local time in Nairobi on longitude 37 east is 10.00 p.m. What will the time be at Buchanan Liberia on longitude 10 west? (3mks)