ST.CLARE GIRLS HIGH SCHOOL –GATITU

FORM 2 GEOGRAPHY MIDTERM TERM 1 2017

NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CLASS\_\_\_\_\_\_\_\_ADM\_\_\_\_\_\_\_

DATE\_\_\_\_\_\_\_\_\_\_\_DURATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_TIME\_\_\_\_\_\_\_\_\_

1a)Define the term minerals.(2mks)-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

b).Give any 7 characteristics of minerals.(7mks)----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

2.a)Define a rock.(2mks)----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

b)Give three classification of rocks according to mode of formation.(3mks)

-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

c)Give 3 divisions of igneous rocks.(3mks)

------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

d)Give 3 examples of the following

i) mechanically formed sedimentary rocks.(3mks)

-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

ii) chemically formed sedimentary rocks.(3mks)

------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

iii)Organically formed sedimentary rocks . (3mks)----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

e.i)What are metamorphic rocks .(1mk)

------------------------------------------------------------------------------------------------------------------------------------------

ii)List down three types of metamorphism.(3mks)

------------------------------------------------------------------------------------------------------------------------------------------

iii)fill in the table below for metamorphic rocks. (6mks)

|  |  |
| --- | --- |
| **original rock** | **metamorphic equivalent** |
| Granite |  |
| Sandstone |  |
| Clay mudstone |  |
| Limestone |  |
| Augite |  |
| Shale |  |
|  |  |

f)Give any four significance of rocks and minerals .(4mks)

------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

g)Give two uses of the following minerals

Gold.(2mks)--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Copper.(2mks)-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Silver.(2mks)-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Diamonds .(2MKS)------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

3.(a)Define the term mining.(1mk)---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

ii)Give four ways in which mineral occur .(4mks)------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

iii)List down any four factors that influence exploitation of minerals.(4mks)---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

b)Fill in the table below for methods of mining.

|  |  |
| --- | --- |
| METHOD | TYPES |
| Open cast mining | i) |
|  | ii) |
| Underground mining | i) |
|  | ii) |
|  | iii) |
|  | iv) |
| Placer/alluvial mining | i)  ii)  iii) |

(9mks)

4.Give any four significance of minerals in Kenya.(4mks)

5.Fill in the table below for the distribution of mineral .

|  |  |
| --- | --- |
| MINERALS | Where found |
| Limestone |  |
| Diatomite |  |
| Salt |  |
| Titanium |  |

(4mks)

6.Give any four problems facing mining industry in Kenya .(4mks)----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

7.Give five effects of mining to the environment .(5mks)--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

8.Explain mode of formation of trona.(5mks)------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

9.Give four uses of soda ash .(4mks)------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

10.Explain the extraction and processing of trona .(5mks)-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

11.Give any three benefits of soda ash mining to the economy of Kenya .(3mks)--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------