
FORM TWO TERM ONE EXAMS 2017

MARKING SCHEME GEOGRAPHY FORM 2

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FORM 2 GEOG

MARKING SCHEME

- 1
 - (a) - An eclipse is a shadow resulting when the sun's rays are blocked from reaching the earth or moon's surface.
 - (b) - Divided into inner core and outer core.
 - inner core is solid
 - outer core is semi-molten
 - consists of minerals like iron and nickel
 - has high density
 - temperatures are very high (4000 – 5000⁰C)

2.
 - (a) E- Gutenberg discontinuity
F- Inner core
G- Atmosphere
 - (b) - It is the life supporting layer
 - Temperatures decrease with increase in height
 - Pressure falls with increase in height
 - Effects of gravity decrease with increase in height.
 - Speed of wind increase with increase in height

- 3
 - (a) - Thermal metamorphism
- Dynamic metamorphism
- Thermo – dynamic metamorphism
 - (b) - Granite
- Diorite
- Gabro

- 4
 - (a) - They are shock waves that originate from the seismic focus and travel outwards causing the ground to shake
 - (b) - Disturbances on the crystal and rocks causes landslides which crush and burry people and property
- Can cause tsunamis on ocean beds which cause a rise in sea level and destroy and in sea level and destroy and cause death to coastal dwellers
 - May trigger fires that may burn environment
 - Can cause permanent displacement of the land hence tear roads, bridges and railway lines.
 - Restricts development of towns since these are not ideal for tall buildings

5.
 - (a) - Fissure eruption is the process where magma reaches the surface through a crack while a vent eruption is the process where magma reaches the surface through a hole/pipe
 - (b)(i) - Large mass of which magma under high pressure moves in the earth's crust covering extensive area.
 - The magma cools and solidifies
 - big dome-shaped mass of igneous rock extending to great depth is formed
 - This is a batholiths
 - (ii) - Volcanic eruption through a central vent leads to the formation of a Volcano
 - Magma cools and solidifies in the vent forming volcanic rock
 - Over time the soft outer parts of the volcano are worn away by agents of erosion.
 - The volcano rock is left standing
 - This is the volcano plug
 - (c) - Some volcanic features eg craters form barriers hindering development of transport and communication lines.
 - leeward slopes of volcanic mountains are dry hence discourage agriculture
 - windward slopes receive relief rainfall hence favour agriculture
 - volcanic eruption is ocean beds cause tsunamis which destroy property and kill coastal dwellers
 - Ash particles from volcanic eruption form a blanket in the upper atmosphere thus lowering global temperatures.
 - Emits poisonous gases eg sulphur dioxide which is pollutant

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- (d)(i) - The volcanic mountains are not active
- Human settlement in the area is not affected by the rugged nature of the landscape (accept any correct)
- (ii) - Hot springs
- Geysers
- Craters/caldera lakes
- 6 (a) - Beds and seams
- Lodes and veins
- Alluvial deposit
- weathering products
- (b)(i) - Drift/audit
- drilling
- solution
- (ii) - Reduced expenditure on foreign exchange due to reduced oil importation
- Reduced price of commodities hence improving standards of living
- Increased employment opportunities
- High rate of economic growth due to reduced importation of oil
- Reduced transport cost due to reduced petroleum prices.
- (c) - Has led to growth of magadi township urbanization.
- Led to development of social amenities eg hospitals,
- Stimulated development of transport lines eg tarmac road and railway from Konza to Magadi
- Led to the development of industries by providing raw materials eg glass industries.
- Provides employment to many Kenyan hence improving their living Standards
- (d) - Waste of agricultural land
- Encouragement of soil erosion
- Restriction of biodiversity
- Instability of basement rocks
- Disruption/lowering of water table
- Pollution
- Dereliction of land