

MARTHOMA RESIDENTIAL SCHOOL, THIRUVALLA

FIRST TERMINAL EXAM -2019-20

GEOGRAPHY

CLASS : 9

TIME : 2hrs

MARKS:80

QUESTION I

a. Define the following:

1x5=5

- i. Equinox
- ii. Geosyncline
- iii. Magma
- iv. Circle of illumination
- v. Leap year

QUESTION II

2x5=10

b. Write the difference between:

- i. Summer solstice & winter solstice
- ii. Sial & sima
- iii. Rocks & minerals
- iv. Great & small circle
- v. Axis & orbit

QUESTION III

c. Give reasons :

1x10=10

- i. All longitudes are great circle.
- ii. Latitudes are known as parallels of latitude.
- iii. The Earth is an oblate spheroid
- iv. Australia celebrates Christmas in summer.
- v. The equator experiences the overhead sun twice a year
- vi. The inner core is found in a solid state.
- vii. The fossils are present in sedimentary rock.
- viii. Metamorphic rocks are also called altered rock

- ix. Volcanoes are usually found in the belts of young fold mountains.
- x. Relict mountains are also called mountains of circumdenudation

QUESTION IV

d. Answer the following:

2x5=12

- i. What makes the Earth a unique planet in the solar system?
- ii. Explain how longitude and time is related.
- iii. What is the time difference between a solar day and sidereal day?
- iv. Write any four characteristics of mantle.
- v. What is intermontane plateau? Give 2 examples of it.
- vi. What is a subduction zone? What is the process of subduction?

QUESTION V

e. Answer in detail:

3x11=33

- i. Classify volcanoes based on its frequency of eruption.
- ii. Explain rock cycle with a neat and labelled diagram.
- iii. Explain any three types of depositional plains
- iv. Write the significance of hot springs and geysers
- v. The local time of $90^{\circ}W$ is 6 am when the local time of place E is 7 pm. What is the longitude of E?
- vi. When it is 6 am at $90^{\circ}W$, what is the time at $138^{\circ}E$?
- vii. Mention any four characteristics of igneous rocks?
- viii. Explain the methods through which we come to know about the interior of the Earth.
- ix. What is the extent of the Mid-world mountain belt? Name the important volcanoes of this belt.
- x. Write the effects of rotation.
- xi. Explain structural plains with example.

QUESTION VI

- f. In an outline map of the world mark and label these features:
 - i. Appalachian mountain

1x10

- ii. Great dividing range
- iii. Brazilian highland
- iv. Alps
- v. Patagonian plateau
- vi. Drakensburg mountain
- vii. Andes mountains.
- viii. Caucasus mountain
- ix. Ural mountain
- x. Atlas mountain

Map of World for Question 2.

ONLY FOR THE EXAMINER	
a	
b	
c	
d	
e	
f	
g	
h	
i	
j	

