

FIRST YEAR HIGHER SECONDARY MODEL EXAMINATION - 2021

GEOGRAPHY ANSWER KEY

FY - 337

Q.No	Value points	Split score	Score
1	C.Erathosthenes	1	1
2	A.Geomorphology	1	
3	B. Pacific plate	1	
4	D. Anaimudi	1	
5	B. Manipur	1	
6	A. Crust	1	
7	Inner planets - Mercury, Venus, Earth, Mars Outer planets - Jupiter, Saturn, Uranus, Neptune	1 1	2
8	Volcanic Earth Quake – due to volcanic eruption Explosion Earth Quake – due to chemical or atomic explosion	1 1	2
9	-Massive irregularly shaped solid slab of rock -Any one example	1 1	2
10	Dust particles act as hygroscopic nuclei around which water vapour condenses to produce clouds	2	2
11	- influence climate of marine and coastal areas - help to replenish oxygen and favour the growth of planktons Or any other relevant points (any 2)	1 1 1	2 2
12	Absolute Humidity – actual amount of water vapour Relative Humidity - The percentage of moisture present in the atmosphere as compares to its full capacity at given temperature	1 1	 2
13	-Proposed by Hess -Constant eruption causes rupture of ocean crust, new lava wedges into it pushing the oceanic crust on either side resulting in spreading of ocean floor.	1 1/2×4=2	 2
14	Temperature, pressure, wind, humidity, clouds and precipitation (any four)	2	2
15	Total content of dissolved salts in sea water	1+1	2
16	Pressure gradient force, frictional force, coriolis force (any 2)		
17	- Introduced by Alexander Von Humboldt - Studied world over as a whole - Branches are physical, human and biogeography	1 1 1	3
18	Temperature, pressure, density, meteors, gravity, magnetism, seismic waves (any 3)	1+1+1	3
19	- A plant and animal community that covers a large geographical area - Any 1 example	2 1	3

20	<ul style="list-style-type: none"> - Continuous flow of huge amount of water in a definite direction - Heating by solar energy, wind, gravity, coriolis force (any 2) 	<p>1</p> <p>1+1</p>	3
21	<ul style="list-style-type: none"> - Rocks form due to cooling of lava within the crust - to write about batholith, lacolith, lapolith, phacolith, dyke, sill, sheet (any 2) 	<p>1</p> <p>1+1</p>	3
22	<ol style="list-style-type: none"> 1. Semi-diurnal tide 2. Diurnal tide 3. Mixed tide <ul style="list-style-type: none"> - To write about each 	<p>1/2+1/2+1/2</p> <p>1/2+1/2+1/2</p>	3
23	<p>8° 4' N to 37° 6' N</p> <p>Responsible for large variations in landforms climate, soil types and natural vegetation.</p>	<p>2</p> <p>1</p>	3
24	<ul style="list-style-type: none"> - Helps the navigators and fishermen - Ships can enter easily in shallow harbours during high tides - Removes polluted water from river estuaries Or any other relevant points (any 3) 	<p>1</p> <p>1</p> <p>1</p>	3
25	Any 3 characteristics of Himalayan rivers	1+1+1	3
26	Floods, Landslides, Tsunami etc. (Any 3)	1+1+1	3
27	<ul style="list-style-type: none"> - When the sun, the moon and the Earth are in a straight line, the tidal heights will be higher - Occur twice a month - One on full moon period and another during new moon period 	<p>1</p> <p>1</p> <p>2</p>	4
28	<p>P Waves - Similar to sound waves</p> <ul style="list-style-type: none"> - Travel through any medium <p>S Waves - Slower than P-Waves</p> <ul style="list-style-type: none"> - Travel only through solid medium <p>Or any other relevant points</p>	<p>1+1</p> <p>1+1</p>	4
29	<p>Divergent boundaries - Regions where new crust is generated as the plates pull away from each other. These sites are known as spreading sites</p> <p>Convergent Boundaries - Boundaries where the crust is destroyed as one plate dived under another. These sites are known as subduction zones</p>	<p>1+1</p> <p>1+1</p>	4
30	To write any 4 features of the crust	1+1+1+1	4
31	To explain rock cycle or to illustrate	1+1+1+1	4

32	- To define weathering - To write about any 3 chemical weathering processes	1 1+1+1	4
33	- To list any 6 soil types - To explain any 1	$1/2 \times 6 = 3$ 1	4
34	- To write any 2 features of west coast - To write any 2 features of east coast	1+1 1+1	4
35	- To write any 4 features of Andaman and Nicobar islands	1+1+1+1	4
36	- To write any 4 human activities that increase the intensity of floods	1+1+1+1	4
37	- Proposed by Alfred Wegner - To write the continental drift theory - To list out any 4 evidences in support to the theory	1 3 2	6
38	- To identify the layers of atmosphere - To explain about these layers (1 point each)	2 4	6
39	To write any 6 characteristics of Northern Plains (Length, Breadth, Depth, the names of rivers that deposited alluvium, sub-divisions or any other relevant points)	1×6	6
40	a) Chennai b) The Indian Desert c) Konkan Coast d) Lakshadweep Islands e) Palk Strait f) Nilgiri Hills To identify the geo-information To locate the geo-information	 $1/2 \times 6 = 3$ $1/2 \times 6 = 3$	 6

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