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ANSWER KEY

First YEAR HIGHER SECONDARY EXAMINATION June 2022

PART-I/II/III

SUBJECT: GEOGRAPHY

CODE NO: FY 37

VERSION: —

60 SCORES

2 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
1		SECTION-A a. Plant Geography b. Zoo Geography c. Ecology / Ecosystem d. Environmental Geography	1/2 x 4	2
2.		Pakistan Nepal Bhutan Bangladesh (Any Two)	1 x 2	2
3		I, Heating by Solar energy II, Wind III, Gravity IV, Coriolis Force	1/2 x 4	2
4		a. Low b. clockwise c. Anti cyclone. d. Anti clockwise	1/2 x 4	2
5	a	Endaged Species	1 x 2	2
	b	Rare Species		

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
6		I, Rapid increase in the exploitation of forest resources II, More and more lands were cleared for agriculture, Settlement, road etc III, Grazing by domestic cattle IV, Lopping for fodder and fuelwood V, Hunting VI, Forest fire (Any two)	1×2	2
7		V-shaped Valley - Erosional landform of Running water/diagram U-shaped Valley - Erosional landform of glacier/diagram	1×2	2
8		The depletion of Ozon Concentration in Stratosphere — ozon hole. CFC drift into Stratosphere destroy ozon	1×2	2
9		Biotic Factors include producers, Consumers and decomposers/ living things Abiotic factors include rainfall, Sunlight temperature, humidity, Soil, inorganic substance or non-living things	1×2	2
10		I, Situated parallel to Bay of Bengal branch II, Lies in the rainshadow area of Arabian Sea branch	1×2	2
11		I, Divergent Margin Mid Atlantic Ridge	1×2	2
12		SECTION – B To identify Sea Breeze	1	

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		• During day time land heats up faster than Sea • Low Pressure area developed over land and High Pressure remains over Sea • Wind blow from Sea to land (Any Two)	2	3
13		a, Semi diurna – Two high tides and two low tides each day	½+½=1	
		b, Diurnal tide – only one high tide and low tide each day	½+½=1	3
		c, Mixed tide – Tides having variations in height	½+½=1	
14.		Western Coast • Submerged coastal plain • Natural ports are located • Divided into Kutch, Kathiawar coast, Konkan coast, Goan coast, Malabar coast. • Narrow • Rivers do not form delta.	½×3	
		Eastern Coast • Emergent Coast • Less number of Ports and harbours • Wider • Rivers form delta (Any three points)	½×3	3

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
15		• Ground Shaking • Differential ground Settlement • Land and mud Slade • Soil liquefaction • Ground lurching • Avalanches • Ground displacement • Flood from dam • Fire • Structural Collapse • Falling of objects • Tsunami (Any six)	½×6	3
16		1. Stalactites – hang as icicles of different diameters.	½+½	
		2. Stalagmite – Rise up from the floor of the cave	½+½	3
		3. Pillar – The stalactite and stalagmite fuse together to form pillar	½+½	
17.		I, Restriction on Construction of buildings roads and dams II, Limiting agriculture to Valleys III, Control the development of large Settlement IV, Promote afforestation V, Terrace farming (Any three)	3×1	3
18.	a.	Asthenosphere – Upper portion of mantle extending upto 400km	1	

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
	b	Lithosphere – crust and the upper part of the mantle	1	
	c	Nife – The core is made up of very heavy materials by nickel and iron	1	3
19		i, Igneous rock ii, Sedimentary rock iii, Metamorphic Rock. (To Explain one among them)	½ x 3 1½	3
20		• Act as an effective climatic divide • Protect the subcontinent from the cold northern winds. • Trap the monsoon winds and forcing them to shed their moisture.	1 x 3	3
21	a,	The transformation of water vapour into water	1	
	b,	Dew, frost, fog/mist, cloud	½ x 4	3
22		I, Matching of Continents (Jig-Saw-fit) II, Rocks of the same age across the Oceans III, Tillite IV, Placer deposits V, Distribution of fossils (Any three)	1 x 3	3

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
23	a	A narrow belt parallel to Sivalik foothills at the break of slope Or Deposit of heavy materials of rock and boulder, where streams disappear.	1	3
	b.	Lies South of the Bhabar where most of the rivers re-emerged/creating marshy swampy conditions.	1	
	c	Include both old alluvium/Bangar, new alluvium/khadar deposits.	1	
24		SETION-C		
	a.	Troposphere • Lowermost layer • Avercage height is 13kms. • Thickness is greatest at the equator • Dust particles and water vapour are found • All changes in weather and climate (Any two)	2	4
	b.	Stratosphere • Found above troposphere • Extends upto 50kms • Presence of ozone layer • Temperature increases with height (Any Two)	2	
25		Inner planets • Earthlike planets • Formed in the close vicinity of parent star • Solar wind was most intense • Smaller also called Terrestrial planets • Relatively high density (Any Two)	2	

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
26		Outer Planets • Formed at quite distant location • Solar winds are not intense. • Larger • Thick atmosphere mostly of helium and hydrogen (Any Two points) Himalayan Rivers • originates from Himalayan mountain • Perenial, receive water from both rainfall and glacier. • Antecedent, and Consequent leading to dendritic pattern • Long course. • Large basin • Young and Youthful (Any Two points) Peninsular Rivers • Originats from Peninsular plateau • Seasonal, depend on monsoon • Trellis, radial and Rectangular pattern • Smaller, fixed course • Smaller basin • Old Rivers (Any Two points)	2 2 2	4 4
27.		i, Evaporation and precipitation ii, Fresh water flow from rivers and freezing and thawing of ice iii, Wind tranferring water to other areas iv, Ocean currents.	1X4	4

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Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
28		• Contour bunding • Contour terracing • Regulated Forestry • Controlled grazing • Cover cropping • Mixed Farming • Crop Rotation • Prevent gully erosion (Any Four)	1×4	4
29.		A. To Identify the Factors as; • Latitude • Altitude • Distance from Sea • Airmass and ocean currents	½×4	4
		B. Explain any one	2	
30		a, Gulf of Mannar b, Kaveri River c, Gujarath d, Sunderban	½×4	4
		To Identify To Locate	½×4	
31.		I, Parent material II, Topography III, Climate IV, Biological activity V, Time	½×4	4
		(To Identify anyone) Explain any one	2	

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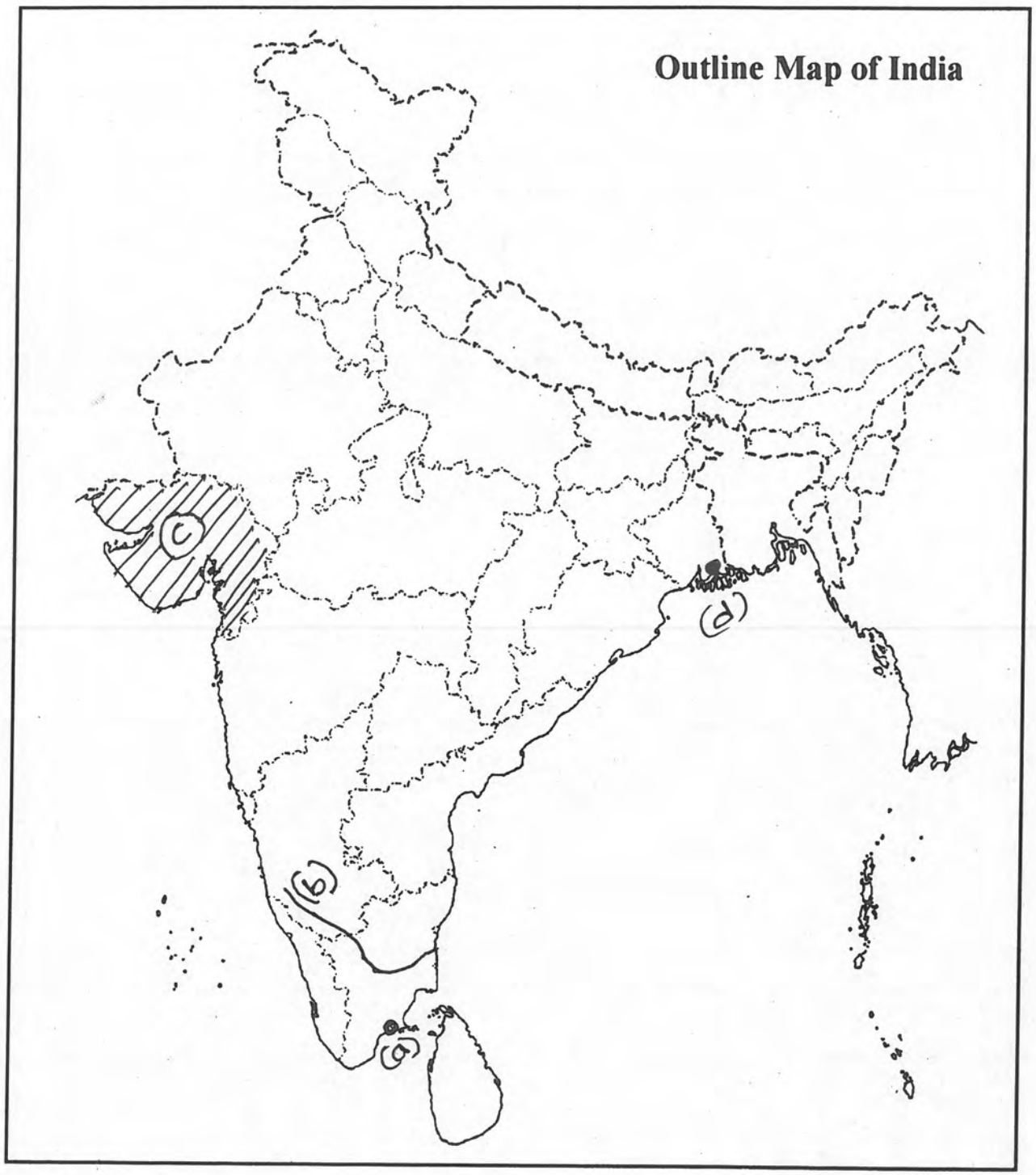
For Question No. 30



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