SY-537

VERSION - R

Q.No.	Sub. Qn	Value Points	Split Score	Total Score
1		Population Growth		1
2		Income approach		1
3		Surface mining / open cast mining		1
4		Demographic transition theory		1
5		Environmental Determinism		1
6		• Constraints of financial resources and indebtedness • lack of land reforms • lack of commercialisation • vast underemployment • Small farm size and fragmentation of landholdings • Degradation of cultivable land Etc. (Any 4 problems)	1/2 * 4	2
7		a– irrigated farming c - protective farming e- dryland farming f - wetland farming	1/2 * 4	2
8		1. Household or domestic establishments 2. Industrial or commercial establishments	1+ 1	2
9		1.These are the only renewable energy sources. 2. These energy sources are more equitably distributed and environment-friendly. 3. The non- conventional energy sources will provide more sustained, eco-friendly,cheaper energy after the initial cost is taken care of. (Any 2)	1+ 1	2
10		For identifying bilateral and multilateral trade For explaining bilateral and multilateral trade	1+ 1	2
11		= The process of migration from plain areas to pastures on mountains during summers and again from mountain pastures to plain areas during winters = Movement in search of pastures is undertaken either over vast horizontal distances or vertically from one elevation to another in the mountainous regions	1 + 1	2

		= Eg- Gujjars, Bakarwals, Gaddis and Bhotiyas in Himalayas (Any 2 relevant points for transhumance)		
12		1. Widely practised by many tribes in the tropics in Africa, south and central America and south east Asia 2. The vegetation is cleared by fire, and the ashes add to the fertility of the soil 3. The cultivated patches are very small and cultivation is done with very primitive tools such as sticks and hoes 4. After the soil loses its fertility(3-5 years), the farmer shifts to another parts (Any 2 points)	1+1	2
13		For identifying ports – inland and out ports for examples = Manchester, Memphis, Kolkata (any1) = Athens and its out port Piraeus	1/2 + 1/2 1/2 + 1/2	2
14		1.Access to market 2. Access to raw materials 3. Access to labour supply 4. Access to sources of energy 5. Access to Transportation and Communication Facilities 6. Government Policy 7. Access to Agglomeration Economies/ Links between Industries (Any 4)	1/2 * 4	2
15	i ii	Neo – Determinism Grifith Taylor	1+ 1	2
16		a) Ancient towns b) Medieval towns c) Developed as headquarters of principalities and kingdoms f) Developed by British and other Europeans g) Any ancient town f) Any modern town	1/2 * 6	3
17	a b c	Crude Birth rate – The number of live births in a year per thousand of population Place of Origin – When people move from one place to another, the place they move from is called place of origin Population density – Define	1 1 1	3
18	I	b) command area development programme / desert development programme/ hill area development programme (any 1)	1	

	ii	c) Small Farmers Development Agency / SFDA	1	3
		d) Marginal Farmers Development Agency/ MFDA or ITDP	1	
19		1.Equity 2.Sustainability 3Productivity 4.Empowerment (to list out)	1/2 * 4	3
		Explain any one pillar with 2 relevant points	1/2 * 2	
20		**Rural settlement** = land based primary economic activities = provides food and raw materials to the urban area = Rural people are less mobile and social relations among them are intimate	1/2 *3	3
		Urban settlement =depend on processing of raw materials and manufacturing of finished goods = provides goods and services not nly to the urban dwellers but to the people of rural area = life is complex and fast, and social relations are formal *(Any 3 relevant points each)*	1/2 * 3	
21		Union and Pacific railway – New York San Francisco – USA	1/2 * 2	3
		Trans Canadian railway – Halifax Vancouver – Canada	1/2 * 2	
		Trans Siberian Railway – St.Petersburg Vladivostok – Russi a	1/2 * 2	
22		= Adoption of renewable resources like solar power, wind, geothermal energy = Use of scrap metals = Use of substitutes for scarce metals = Export of strategic and scarce minerals must be reduced, so that the existing reserve may be used for a longer period (Any 3 points)	1+ 1+ 1	3
23		= Practiced by People located in very cold and extremely hot climate = This type of activity requires a Small amount of capital investment = Operates at very low level of technology = The yield per person is very low and little or no surplus is produced (Any 3 points	1+ 1+ 1	3
24		**Suez Canal** • Constructed in 1869 in Egypt • Constructed between Port Said in the north and Port Suez in the south	1 + 1+ 1	

		• Links the Mediterranean Sea and the Red Sea • Length - 160 km ; Depth - 11 to 15 m • It gives Europe a new gateway to the Indian Ocean and reduces direct sea-route distance between Liverpool and Colombo (Any 3 relevant points)		3
25		1. Harvesting through Watershed management 2. Harvesting through Lakes 3. Harvesting through Service wells 4. Harvesting through Recharge wells (Any 3 points from the above)	1 1 1	3
26		Transport distance can be measured as: a) km distance - actual distance of route length; b) time distance - the time taken to travel on a particular route c) cost distance - the expense of travelling on a route	1 1 1	3
27		For mentioning the factors (availability of water,landforms,climate,soil) For explaining each one	1/2 each 1/2 each	2 2
28		=It is the cheapest means of transport =Most suitable for carrying heavy and bulky material =It does not require route construction. = The energy cost of water transportation is lower. =It is a fuel-efficient and eco-friendly mode of transportAny 4 relevance of water transport 　　　(Any 4 relevant points)	1 1 1 1	4
29		**Phase 1** b) Period of Steady population growth c) Growth rate was very low (or any other relevant point) **Phase 2** a) 1921-1951 c) Crude birth rate remained high(or any other relevant point) **Phase 3** a) 1951- 1981 b) Period of Population Explosion **Phase 4** a) 1981 – till present c) Downward trend of birth rate(or any other relevant point)	 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	4

30		(a) Identify Agro- based Industries ,eg (b) Identify Mineral based Industries,eg (c) Identify Chemical based Industries,eg (d) Identify Forest based Industries, eg (e) Identify Animal based Industries, eg (Any 4)	1/2 + 1/2 1/2 + 1/2 1/2 + 1/2 1/2 + 1/2	4
31	a	Bihar	1	
	b	Oddisha	1	4
	c	Jawaharlal Nehru Port /Nhava sheva Port	1	
	d	Visakhapatnam port	1	

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