Haryana School Education Board – Bhiwani

Question wise Detailed Marking Scheme (2024 - 25)

Class – 12th Subject – Geography

Question	Marking scheme (including the importance of each part of the answer)		
Section –	A Objective Type Questions		
1	B Friedrich Ratzel	1	1
2	C Roadways	1	1
3	C Tamil Nadu	1	1
4	D Madurai	1	1
5	D Jharia	1	1
6	B Clustered	1	1
7	1995	1	1
8	Water shortage and Unemployment	1	1
9	A- Both Assertion and Reason are true, and Reason is the correct explanation of	1	1
	Assertion.	1	
10	A- Both Assertion and Reason are true, and Reason is the correct explanation of	1	1
	Assertion.		
	Total Marks of Section-A		10
Section –	B Very Short Answer Type Questions		
11	Human geography studies the relationships between people and	2	2
	their environments, examining spatial patterns of human activities, cultures,		
	and societies, and how they interact with and shape the world around them.		
12	Neo - Determinism: The renewed approach to determinism is called neo-	2	2
	determinism. It refers human races as a passive agent dictated by		
	environmental factors.		
13	Pull factors are conditions or attractions that entice people to move to a particular	2	2
	area. Positive factors such as job opportunities, better living conditions, and		
	amenities encourage migration to specific regions.		
14	Birth rate is the number of live births per 1,000 people in a population within a	2	2
	specific time period, typically expressed annually. It is a key demographic		
	indicator.		
15	Nuclear power is the use of nuclear reactions to generate electricity.	1	2
	In India, two prominent nuclear power stations are Kakrapar Atomic Power Station in Gujarat and Tarapur Atomic Power Station in Maharashtra.	1	
	or		
	Consumption of contaminated water can lead to waterborne diseases, including	2	
	diarrhea, cholera, and typhoid. Long-term exposure may cause chronic health issues,		
	affecting communities' well-being and productivity.		
16	Four major ports on the east coast of India are:	1	2
	TO BE A CONTENT OF THE PARTY OF		
	Kolkata Port (West Bengal)		
	Paradip Port (Odisha)		
		1	-
	Visakhapatnam Port (Andhra Pradesh)	1	
	Chennai Port (Tamil Nadu)		4
	Or Disables transportation offers and officionary reliability and environmental		1
	Pipeline transportation offers cost efficiency, reliability, and environmental	2	

	benefits. It minimizes energy consumption, reduces pollution, and ensures a			
	continuous flow of goods with minimal interference, making it efficient for liquids and gases.			
	Total Marks of Section-B		12	
Castion				
17	C Short Answer Type Questions	2	1 2	
17	All underground mines have some crucial components in common: ventilation shafts to clear toxic fumes from drilling and blasting; escape routes; access shafts to lower workers and equipment; ore-transport tunnels; recovery shafts to carry excavated ore to the surface; and communication systems to send information back	3	3	
18	Population growth in India varies regionally due to factors like fertility rates, socioeconomic development, and cultural practices.	1	3	
	Southern states like Kerala and Tamil Nadu exhibit lower growth due to higher	1	1	
	literacy and women's empowerment. Northern states, with lower development indices, often experience higher growth rates.	•		
	Urban areas generally have lower growth than rural regions. This regional	1	_	
	variation results from complex interactions between demographic, economic, and cultural factors across India.	•		
19	Rural settlements exhibit various types, including nucleated, dispersed, and	1	3	
	linear. Nucleated settlements are clustered, fostering community interaction.			
	Dispersed settlements are scattered, providing individual households with more privacy.	1		
	Linear settlements align along transportation routes, such as roads or rivers.			
	Each type reflects diverse geographic and cultural factors influencing			
	settlement patterns, contributing to the distinct characteristics of rural areas			
	worldwide.			
20	India experiences three main cropping seasons: Kharif, Rabi, and Zaid.	1	3	
	Kharif, during the monsoon, includes crops like rice, millets, and pulses.		_	
	Rabi, in the winter, involves crops like wheat, barley, and mustard.	1	1	
	Zaid is a short season during summer, cultivating crops like fruits and vegetables.	1		
21	India's foreign trade is characterized by diversity in exports, including textiles, pharmaceuticals, and software services. Imports consist of crude oil, machinery, and electronic goods. The trade balance is often trade deficit due to higher import value. India engages in both bilateral and multilateral trade agreements. The service sector, particularly IT and software exports, plays a significant role. Foreign trade policies are influenced by global economic trends, aiming to foster economic growth and international cooperation.	3	3	
	or]	
	The Bharatmala Project is a flagship infrastructure initiative in India aimed at enhancing road connectivity across the country. Launched in 2017, it focuses on the construction and improvement of national highways, expressways, and border roads. The project aims to optimize freight and passenger movement, reduce logistics costs, and foster economic development by connecting remote areas. It envisions the development of a seamless and efficient road network to boost overall connectivity and economic growth.	3		
22	Namami Gange is a flagship program in India aimed at cleaning and	3	3	
	rejuvenating the Ganges River. Launched in 2014, it integrates various			
	initiatives for sewage treatment, riverfront development, and public awareness campaigns. The program emphasizes sustainable wastewater management and ecological conservation to restore the cultural and environmental significance of the Ganges. Namami Gange seeks to ensure a cleaner and healthier Ganga basin, involving multiple stakeholders and innovative approaches for long-term river rejuvenation.			

Air pollution has severe health effects, causing respiratory and cardiovascular	3	1
issues. Particulate matter and pollutants like sulfur dioxide and nitrogen oxides can lead to lung diseases, asthma, and respiratory infections. Long-term exposure contributes to chronic conditions, including lung cancer and cardiovascular diseases. Children, the elderly, and individuals with pre-existing		
conditions are particularly vulnerable. Overall, air pollution significantly impacts public health, increasing healthcare burdens and reducing quality of life		
al Marks of Section-C		18
Demographic transition is a model that describes the historical shift of populations from high birth and death rates to low birth and death rates as a society undergoes economic and social development. It typically unfolds in four stages:	1	5
Stage 1 (High Stationary): Characterized by high birth and death rates, resulting in minimal population growth. This stage is typical of pre-industrial societies with limited healthcare and agricultural practices.	1	
Stage 2 (Early Expanding): Death rates decline due to improved healthcare, sanitation, and nutrition, leading to rapid population growth. Birth rates remain high, creating a demographic imbalance.	1	
Stage 3 (Late Expanding): Birth rates begin to decline as social and economic changes, including increased education and urbanization, influence family planning decisions. Population growth slows down.	1	_
Stage 4 (Low Stationary): Both birth and death rates are low, resulting in a stable population. This stage is characteristic of advanced industrial societies with high living standards, education, and healthcare.	1	
Population change refers to alterations in the size, composition, and distribution of a population over a specific period. Its components include births (fertility), deaths (mortality), and migration.	1	
Fertility: The number of births per 1,000 people in a given population determines fertility. High fertility contributes to population growth, while low fertility can result in population decline and aging.	2	
Mortality: Mortality rate is the number of deaths per 1,000 people. High mortality rates can lead to population decline, while low mortality rates contribute to population growth and demographic transition.		
Migration: Migration involves the movement of people across regions. Immigration increases population, while emigration decreases it. Migration patterns impact population distribution and demographic characteristics.		
Effects: Population Growth: High birth rates relative to death rates contribute to population growth.	2	
Demographic Transition: Shifts from high birth and death rates to low rates, impacting population age structures.		
Population Aging: Declining fertility and increasing life expectancy result in an older population, affecting societal structures and resource allocation.		
Population Decline: When deaths exceed births and migration outflows persist,		

popula	ations can decline, impacting labor forces and economic productivity.		
measu develo decent	an Development Index (HDI): The HDI is a composite statistic used to are a country's average achievements in three basic dimensions of human opment: a long and healthy life (health), knowledge (education), and a t standard of living (standard of living). It provides a comprehensive ment of well-being beyond traditional economic indicators.	1	5
Four l	Pillars of Human Development:	1	
reflect	n: This pillar considers life expectancy at birth. Longer life expectancy as better health outcomes and access to healthcare services, indicating a level of human development.		
school	ition: Education is assessed through two indicators: mean years of ing for adults and expected years of schooling for children entering a key factor in individual empowerment and societal ess.	1	
Standa purch develo for a c	ard of Living: This pillar focuses on per capita income adjusted for asing power parity. It measures the economic dimension of human opment, reflecting the ability of individuals to access goods and services lecent standard of living.	1	
develo consid and w	er Equality: While not officially part of the HDI, gender-related opment index (GDI) and gender inequality index (GII) are often lered as supplementary indicators, highlighting disparities between men omen in terms of health, education, and standard of living. Gender ty is crucial for holistic human development	1	
often i	al factors influence the location of industries globally. These factors are interrelated and contribute to the spatial distribution of industrial ies. Some key considerations include:	1	
locate	Materials: Proximity to raw materials is a critical factor. Industries tend to near the source of raw materials to reduce transportation costs and a steady supply.		
Indust	Availability: Access to a skilled and affordable labor force is essential. tries often choose locations with a skilled workforce or where labor costs mpetitive.		
Trans roads,	portation Infrastructure: Efficient transportation networks, including ports, and railways, influence industrial location. Access to markets and ility to transport goods easily affect location decisions.	1	
to are	y Availability: Industries, especially energy-intensive ones, are attracted as with reliable and affordable energy sources. Proximity to power plants orgy reserves is a key consideration.		
	et Access: Proximity to markets is crucial for industries that produce mer goods. Access to consumers reduces distribution costs and time-to- et.	1	
policie	enment Policies: Government incentives, tax breaks, and regulatory es play a significant role. Industries may favor locations with favorable es, subsidies, or a business-friendly environment.		
Ponter	tructure: Apart from transportation, general infrastructure like water	1	1

Climate and Environmental Conditions: Some industries are sensitive to climatic conditions. For example, certain manufacturing processes may require specific environmental conditions or be influenced by climate-related factors. Political Stability: Political stability and a favorable business environment are attractive for industries. Stable political conditions reduce risks and uncertainties for businesses. Technological Advancements: The availability of advanced technologies and research institutions can attract industries that rely on innovation and technology. Sustainable development is a holistic approach to meeting the needs of the present without compromising the ability of future generations to meet their own needs. It involves the integration of economic, social, and environmental dimensions to promote long-term well-being and preserve natural resources. Renewable Energy Adoption: Encouraging the use of renewable energy sources, such as solar, wind, and hydropower, reduces reliance on finite fossil fuels, mitigates environmental impact, and promotes sustainable energy practices. Resource Efficiency: Implementing measures to enhance resource efficiency and reduce waste generation, including recycling programs, sustainable forestry practices, and responsible water management. Biodiversity Conservation: Protecting and restoring ecosystems helps maintain biodiversity. Conservation efforts, habitat restoration, and sustainable land-use practices contribute to ecosystem resilience. Green Infrastructure: Developing green spaces within urban areas, promoting sustainable urban planning, and investing in green infrastructure like parks and green roofs improve air quality, mitigate heat island effects, and enhance overall urban sustainability. or Hydel power, a vital component of India's energy portfolio, harnesses the potential energy of flowing water to generate electricity. India's diverse topography and ample water resources make it conducive for hydropower development. The country has strategically
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development. The country has strategically implemented numerous hydel
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projects, showcasing a mix of large dams like Bhakra-Nangal and small-scale
projects across various river basins.
Hydel power contributes significantly to India's electricity generation, offering a 1
clean and renewable energy alternative. The Himalayan region, with its fast-
flowing rivers, has been a focal point for large hydropower installations.
Projects like Tehri and Nathpa Jhakri have become critical components of
India's power infrastructure.
Despite its benefits, hydel power faces challenges. Concerns related to 1
environmental impact, including habitat disruption and the displacement of
local communities, highlight the importance of balancing energy needs with
sustainable development. Climate change effects on water availability further
emphasize the need for thoughtful project planning.
In recent years, a growing emphasis on renewable energy has fueled interest in 1
hydel power. Advancements in technology and a focus on minimizing
environmental impacts are driving the development of more sustainable
hydropower projects. As India continues to diversify its energy mix, hydel
power remains a key player in the nation's journey towards a more sustainable
and resilient power sector.
Total Marks of Section-D 15

Section – E Map Work				
26	Mayurbhanj – An area of iron ore mining	1	5	
	Panipat oil refinery	1	1	
	Durgapur Steel Plant	1	1	
	Raniganj Coalfield	1		
	Digboi Oilfield	1	1	
aggregate marks		60		