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G20: SIGNIFICANCE OF GEOGRAPHY IN DEVELOPMENT

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Abstract:

Geography plays a significant role in the development of countries and regions, including those within the G20. The G20 is an international forum consisting of 19 countries and the European Union, representing the world's major economies. While the G20 primarily focuses on economic and financial issues, geography indirectly influences the discussions and priorities within the group. It is important to note that while geography can influence development, it is not the sole determinant. Other factors such as governance, institutions, human capital, and economic policies also play crucial roles in shaping a country's development trajectory. The G20 includes countries from various regions, representing different geographical areas of the world. This diversity allows for a broader range of perspectives and experiences to be considered in discussions on global economic issues. Geography plays a role in shaping trade and investment patterns among G20 countries. Proximity, transportation networks, and regional economic integration can influence the flow of goods, services, and capital between member nations. The G20 recognizes the importance of infrastructure development for economic growth. Geography influences the infrastructure needs and challenges faced by different countries, such as improving transportation networks, energy systems, and digital connectivity. Geography is closely linked to environmental issues, including climate change, biodiversity, and natural resource management. G20 discussions often address these challenges, recognizing the need for sustainable development and global cooperation to address environmental concerns. Some G20 countries are more prone to natural disasters due to their geographical locations. Discussions within the G20 may touch upon disaster risk reduction, emergency response, and building resilience to mitigate the impact of natural hazards. The G20 aims to foster international cooperation and address global economic challenges, taking into account the diverse geographical contexts of its member countries.

Keywords: G20, Geography, Natural Resources, Governance, Development, Sustainability

I. INTRODUCTION

Geography is a fundamental fascination with, and a crucial method for, understanding the way the world works. This text offers readers a short and highly accessible account of the ideas and concepts constituting geography. Drawing out the key themes that define the subject, Geography demonstrates how and why these themes-like environment and geopolitics-are of fundamental importance. Including discussion of both the human and the natural realms, the text looks at key themes such as environment, space, and place-as well as geography's methods and the history of the discipline. Geography provides students with the ability to understand the history and context of the subject without any prior knowledge. Designed as a key transitional text for students entering undergraduate courses, this book will be of interest to all readers interested in and intrigued by the "geographical imagination."

1. Natural Resources: Geography determines the availability and distribution of natural resources such as minerals, water, arable land, and energy sources. Countries with abundant resources often have an advantage in economic development and trade.

2. Climate and Agriculture: Different climates affect agricultural productivity, which is crucial for food security and economic growth. Regions with favorable climates and fertile land have the potential for agricultural development and exports.

3. Access to Markets: Geography influences a country's proximity to markets and transportation routes. Landlocked countries may face challenges in accessing global markets, while coastal regions often have easier access to international trade and investment opportunities.

4. Infrastructure Development: Geography affects the construction of infrastructure, including transportation networks, ports, and energy systems. Challenging terrains or remote locations can pose obstacles to infrastructure development, impacting economic connectivity and development prospects.

5. Vulnerability to Natural Disasters: Geography can make certain regions more prone to natural disasters such as earthquakes, hurricanes, or floods. These events can have devastating effects on development, requiring investments in disaster preparedness, response, and recovery.

6. Tourism and Services: Geographical features such as scenic landscapes, historical sites, or unique ecosystems can attract tourism and contribute to economic development through the service sector.

Concerns in the Industrial society and the changes required.

In the context of geography in the industrial society, there are several concerns and changes that have been identified. One concern is the concentration of industries and economic activities in certain regions, leading to regional disparities and uneven development. This can result in the neglect of certain areas and the overburdening of others, leading to social and economic imbalances.

To address these concerns, several changes are required. Firstly, there is a need for regional planning and development strategies that aim to distribute economic activities more evenly across different regions. This can involve the establishment of industrial zones or incentives for businesses to invest in underdeveloped areas. Additionally, investing in infrastructure development, such as transportation and communication networks, in less developed regions can help connect them to markets and opportunities. This can promote economic growth and reduce regional disparities. Furthermore, promoting sustainable development practices in all regions is crucial. This includes adopting environmentally friendly technologies, promoting renewable energy sources, and implementing policies that protect natural resources and ecosystems. Overall, addressing concerns related to geography in the industrial society requires a comprehensive approach that focuses on equitable development, infrastructure investment, and sustainable practices.

Geography as a key factor

It can play a significant role in a country's development and economic advantage. However, it is important to note that the impact of geography on development is complex and influenced by various factors. A few are mentioned below.

1. Landlocked Countries: Landlocked countries, which lack direct access to the sea, face challenges in terms of trade and transportation. According to the United Nations, landlocked developing countries tend to have lower GDP per capita compared to their coastal counterparts. As of 2020, there are 32 landlocked countries globally.

2. Coastal Countries: Coastal countries often have an advantage in terms of trade, as they have access to ports and can engage in maritime commerce. Many of the world's major economies, such as the United States, China, and Japan, have significant coastal regions that contribute to their economic development.

3. Natural Resources: Geography can also influence a country's access to natural resources, which can impact its economic development. Countries with abundant natural resources, such as oil, gas, minerals, or fertile land, may have an advantage in terms of export revenues and economic growth. However, effective governance and sustainable management of these resources are crucial for long-term development.

4. Climate and Agriculture: Geography, including climate and topography, can affect agricultural productivity. Countries with favorable climates and fertile land for agriculture may have an advantage in terms of food security and economic growth. However, extreme weather events, such as droughts or floods, can also pose challenges to agricultural production.

5. Demand for manufacturing: It comes not just from final consumers but also from intermediate demand, so a location with a lot of firms will have a high demand for intermediates, making it an attractive location for intermediate producers. This in turn makes it an attractive location for firms that use these intermediate goods, as they can economize on transport costs on inputs. There is thus a positive feedback between location decisions of upstream and downstream firms, tending to draw both types of firms together in the same location, so leading to agglomeration.6 These forces are just the backwards (demand) and forward (cost) linkages that figured so prominently in an earlier generation ot development economics (in particular the writings ot Hirscnman, 1958, and Myrdal, 1957). However, as we have already remarked, these effects can only really matter in an environment of increasing returns to scale, without which upstream and downstream firms could be broken into many small plants.

Position of India: India, located in South Asia, has a diverse geography that encompasses various physical features and climatic zones. It is bordered by several countries, including Pakistan, China, Nepal, Bhutan, Bangladesh, and Myanmar. The country is known for its vast plains, mountain ranges (such as the Himalayas in the north), coastal areas, and the fertile Gangetic plains. In terms of its involvement in the G20, India is a member of this international forum. The G20, or Group of Twenty, is a group of major economies that come together to discuss and coordinate on global economic issues. It consists of 19 countries and the European Union. India's inclusion in the G20 reflects its growing economic significance and its role as one of the world's largest economies.

It is important to note that while geography can provide advantages or challenges, it is not the sole determinant of a country's development. Other factors such as governance, education, infrastructure, and policies also play crucial roles in shaping a nation's development trajectory.

Conclusion

As a member of the G20, India actively participates in discussions and initiatives related to global economic governance, financial stability, trade, and sustainable development. It collaborates with other member countries to address common challenges and promote inclusive and sustainable growth on a global scale. India's participation in the G20 provides it with a platform to engage with other major economies, exchange ideas, and contribute to shaping global economic policies. It also offers an opportunity for India to showcase its perspectives, priorities, and initiatives on various global issues, including those related to climate change, digital economy, and financial reforms. India's geography is diverse and encompasses various physical features. As a member of the G20, India actively participates in global economic discussions and initiatives, contributing to the forum's efforts in addressing global challenges and promoting sustainable development.

The spatial distribution of economic activities, including the production, distribution, and consumption of goods and services are the key factors in development. Such a study examines how economic processes and activities are influenced by factors such as location, resources, transportation networks, and government policies. One of the key concerns in economic geography is the uneven distribution of economic activities and resources across regions. This can lead to regional disparities in terms of income, employment opportunities, and access to resources and services. Addressing these disparities often involves understanding the factors that contribute to regional economic development and implementing policies to promote balanced growth. Changes required in economic geography often involve strategies to promote regional development and reduce spatial inequalities. This can include investment in infrastructure, such as transportation and communication networks, to improve connectivity between regions. It may also involve targeted policies to attract businesses and industries to underdeveloped areas, creating employment opportunities and stimulating economic growth.

Additionally, sustainable economic development is a growing concern in economic geography. This involves promoting environmentally friendly practices, reducing resource consumption, and minimizing negative impacts on ecosystems. At global level it is required to involve diversifying economic activities to reduce dependence on specific industries and fostering innovation and entrepreneurship.

References;

- Thrift, Nigel. "The future of geography." *Geoforum* 33.3 (2002): 291-298.
- Krugman, Paul. "The role of geography in development." *International regional science review* 22.2 (1999): 142-161.
- Bonnett, Alastair. *What is geography?*. Rowman & Littlefield, 2023.
- Desmet, Klaus, Dávid Krisztián Nagy, and Esteban Rossi-Hansberg. "The geography of development." *Journal of Political Economy* 126.3 (2018): 903-983.
- J. Vernon Henderson, Zmarak Shalizi, Anthony J. Venables, Geography and development, *Journal of Economic Geography*, Volume 1, Issue 1, January 2001, Pages 81–105.
- Hart, Gillian. "Geography and development: critical ethnographies." *Progress in Human Geography* 28.1 (2004): 91-100.
- Bailly, Antoine, and Lay James Gibson, eds. *Applied geography: a world perspective*. Vol. 77. Springer Science & Business Media, 2004.
- Sheppard, Eric. "Geographical political economy." *Journal of Economic Geography* 11.2 (2011): 319-331.
- Peet, Richard, and Nigel Thrift. "Political economy and human geography." *New Models in Geography-Vol 2*. Routledge, 2023. 3-29.
- Sheppard, Eric. "Trade, globalization and uneven development: Entanglements of geographical political economy." *Progress in Human Geography* 36.1 (2012): 44-71.