	यमिक शिक्षा बोर्ड, दिर्ल्स टिंफिकेट परीक्षा (कक्षा ब ग्वेश–पत्र के अनुसार भरे	गरहवीं)
तेषय Subject : _ GCOG तेषय कोड Subject Code : _ C रीक्षा का दिन एवं तिथि Day & Date of the Examina अत्तर देने का माध्यम	029 tion: 08/04/1	
Acdium of answering the pa रहन पत्र के ऊपर लिखे होड को दर्शाए : Write code No. as written on he top of the question paper :	aper: $ENGLISH$ Code Number 64/1/1	Set Number • ② ③ ④
अतिरिक्त उत्तर–पुस्तिका (ओं) No.of supplementary ansv		1+2 maps
विकलांग व्यक्ति : Person with Disabilitie केसी शारीरिक अक्षमता से प्रभ		<u></u> २ √ का निशान लगाएँ।
f physically challenged, tick B = दृष्टिहीन, D = मूक व गशिर, C = डिस्लेक्सिक, A = ऑटिस्टिक	H S C	A
B = Visually Impaired, D = He S = Spastic, C = Dyslexic, A =	= Autistic 1 करवाया गया : हाँ / नहीं	Ally Challanged
	and the second se	
Whether writer provided यदि दृष्टिहीन हैं तो उपयोग में सोफ्टतेयर का नाम : If Visually challenged, name		-
Whether writer provided यदि दृष्टिहीन हैं तो उपयोग में सोफ्टतेयर का नाम : If Visually challenged, name *एक खाने में एक अक्षर लिखें। नाम वे नाम 24 अक्षरों से अधिक है, तो केवल Fach letter he written in one b	of software used : 5 प्रत्येक भाग के बीच एक खाना 6 नाम के प्रथम 24 अक्षर ही लिखें। ox and one box be left blank	between each part of the
Whether writer provided यदि दृष्टिहीन हैं तो उपयोग में सोफ्टवेयर का नाम :	of software used : 5 प्रत्येक भाग के बीच एक खाना ि नाम के प्रथम 24 अक्षर ही लिखें। ox and one box be left blank te exceeds 24 letters, write fi	between each part of the



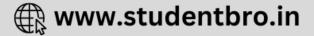


P Population distribution refers to the way people are spaced over The surface of the cart. Over 90% of the ward's population lives, on only 10% of the available area. (2) All human activities that generale income are timed as economic activities. They can further be classified into primary secondary and tutiary activities. Q3) Transport rodes ale different areas/places connected by Soutes of links eq) important areas connected by roads etc. These nodes/places along with the links/routes that join them form an interconnected network, known as a transport network. 2015 Optimiter a majority of the working population must be engaged in non-aquicultural pursuit (ie selendary or tertiary sector). In villages, majority of the working population is engaged in primary/agricultural activities. (PTO)

CLICK HERE

# 🕀 www.studentbro.in

Eq) In India, at least 75% of the male warring population must be engaged in non-agricultural activities; in Italy, it is 50%. Q3 In population composition (a field of demography) a population can be classified on the basis of RESIDENCE is. "Rural" or "Urban" on the De measure in total population. - proportion of population that is urban - lize of villag -sale of usbanisation CENSUS is a way in which this data/can be gathered. The proportion of urban population (is people ling in urban areas like towns, cities et) in compare relation to the total population gives us level of urbanisato Sher Shah Suli built the Shahi (Royal) road to STRENGITIEN and Consolidate mis empire, from Pechawar in the Indus Valley in the west, to Calcutta in the east.



Eq) In India, at least 75% of the male waking population must be engaged in non-agricultural activities; in Italy, it is 50%. Q3 In population composition (a field of demography) a population can be classified on the basis of RESIDENCE is. "Rural" or "Urban" on the De measure in total population. - proportion of Ropulation that is urban - lize of villag -sale of usbanisation CENSUS is a way in which this data/can be gathered. The proportion of urban population (is people ling in urban areas like towns, cities et) in compare relation to the total population gives us level of urbanisato Sher Shah Suei built the Shahi (Royal) road to STRENGITIEN and topisou DATE his empire, from Peshawar in me Indus Valley in The west, to calcutta in the east. 



Q7) Pollution can be classified on the basis of the MEDIUM through Which certaminants/ pollutants are carried and dispersed: AIR pollution involves aisbarne contaminants eg)hydiocarbers Water pollution involves waterbarne contaminants og) rungs from pesticides, fertiliser ek Noise pollution involues unbeauable/unpleasant levels of noise, measures in decibals eq) traffic SOIL (LAND pollution involves contaminants in the ground eq) assence in Q HUNAN GEOGRAPHY refers to the synthetic study of the dynamic interrelationship between human societies and the earth's curface. The carth influences humans, who is then affect the earth i) NATURA ELEMENTS like climate, tersain ete affect humans og) influes settlement parters i) HUMAN ELENIENTS like binildings, roads et are created on the nate landscape / sterge provided by nature, using resources provided by it.



Therefore, human and natural /physical elements are intrinsically littled, despite dualism in the SUBJECT MATTER of the study of human geography, such as: i) Whether geographical phenomena should be studying using theoreticalf lew making (nomothetic) approach or descriptive (idiographic) approach Dichether regions of the earth should be study studied using regional approach a systematic approach ii) Whether the subject matter should be explained using historic -institutional approach a mean efical approach => In this way, the subject matter of human geography consists of different conceptions of the relationship between humans/living beings and nature/physical emissenment. LAND / TOPOGRAPHY.



(9) Rural settlements are closely related to and dependent upon the land and natural resources. Three factors responsible for their location: AVAILABILITY OF WATER . - water is required per cristence, as well as daily life activities like basting, cooking, washing on berides drinking. 2015 - Therefore, people prefit to settle in "wet point" Settlements where water is available, even if these regions are otherwise disadvantaged eq) surrounded by mamps - Early settlers established settlements in tuse regions for this reason E) in the Ganga basin, in the Nile valley etc DLAND / TOPOGRAPHY: 670



-People prefer to settle in fertile, even a gently aloging plaine that support agriculture, building to pastucture like loads buildings, factaires - Extremely fragmented/restricted areas of settlement with sugged to pography are therefore not preferred. Eg) Rolling country & Europe, Northern Plains in India Ch ii) DEFENCE People prefére to settle in strategically important / defensive locations political instality for vetter safley and protection E) Inselverge of Nigeria, hills in India etc

CLICK HERE

#### 🕀 www.studentbro.in

Q 10) JEAN GOTTMAN defined megalopolis/mega city for the WORLD as a "union of conurbations", with population over 10 mil nillion ) Boston to Washington DC. 16 is derived from the words mega - huge and polis - city. IN INDIA, nowever, METROPOLITAN CITIES are large areas of usban development with POPULATION BETWEEN 1-5 MILLION Eq) Varanasi, Agra MEGA CITIES de India have population of OVER 5 MILLION Eg) Greater Mumberi, Dethi. (PTO)



QII) - Aquiculture à highey DEPENDENT on land for the jollowing Dit is a PRIMARY ACTIVITY : e. it is directly dependent on the land for envisonment for natural resources for saw material (land) i) OUTPUT of agriculture to directly proportionale to the amount of land ie. greater land means greater output ii) QUALITY of the load also directly influences output. This is not the case in other expansic activities - In addition to this ownership of land also has a SOCIAL VALUE. ) It provides security in obtaining loads ) It helps mitigate the damage dance by patienal disasters eg) floods. i) It increases social status in sural society Thus, land resource is entremely crucial to the people dependent

CLICK HERE

## 🕀 www.studentbro.in

1 10 71% of the couth's surface is covered in water; however, andy 3% is fresh water. Even within this, a large propation is I in the forms of glaciers; therefore, only around 1% is usable Similarly, in India (which has 44. of the world's water resources) only 1122 cubic for of water resources are usable. Water shortage is merefore a major problem, requiring assessment. efficient use and conservation of water resources 201 ASSESSMENT: Available work resources should be assessed for better MANAGEMENT and PLANNING of whilisation of water resources eg National Water Policy of 2002 provides for assessment of ground and surface water resources > This promotes values of planning, foresight, diligence and better management of resources.



11 GFFICIENT USE: There should be limits to the amount of worker that can be used in a particular situation to encourage avoiding wastage. Worker should be used water use chould be efficiently prioriticed to ensure that essential meds are net first en provision availability of dinking warter over water for industries This promotes values of prioritising, judicious use of precious resources, charing of resources and thinking of others nather than ou own needs. V CONCERVATION: -REVSING and RECYCLING of water should be impremented a large scale to ensure good quality water is used for dinking/cooking etc. and lesser quality water is used for gardening, washing care etc. Similarly, industries should also use reclaimed wask water per coolinger

CLICK HERE

#### 🕀 www.studentbro.in

- WATERCHED MANAGEMENT should be promoted. This involves conservation, regeneration and judicious use of natural and Annan resources in a waterchapt, especially water resources (Anough rations were harvesting structure like percolation tanks et Projects like MARYACI, NEERU-MEERU and ARVARY PAN, SANISAD emphasise the role of community participation in this. - RAINWATER MARVESTING (ie. collecting rainwater by quiding it into pits, berewells et and string it for future use) must be placticed 201 - CONSERVATION CONCIOUSNELL and awareness of water as a scarce resource should be spread through education, tax disincentives etc - LEGISZATIONS regarding wake conservation of Water Cers Act must be more spicity repremented. In this way, we can spread awareness and values regarding





and a service of the 13 the NECESSITY of CONSERVING WATER, which is a LIMITED and SCARCE resource essential for life (13) AIR POLLUTION refers to the addition of contaminants to the airfatmoephere in a concentration high enough, or duration long enough, to adversely affect human beings, flora and jauna, buildings of CONTAMINANTS illende hydrocarbons, Carbon monomiale kt. HARMFUL CFFECTS INCLUDE: DISEASES like tuberculouis, avana en which epread due to presence of cantominade in the air which harm the lungs i) SMOG, or smoke mined with feg, which is very common in urban areas and is damaging to the health. iii) ACID RAIN : also coursed due to air pollution-the pH level of the first raine is always higher than the enbrequents once of the season.



14 > Therefore, it is essential to reduce the CONTANINATVIS in the air (like hydrocarbons, carbon glionicle, carbon mononide, lead, activities like burning of fossif fuels, industrial and mining activities (14) HUMAN DEVELOPMENT refers to increasing the range of people's choices and increasing their capabilities in Parear of hearth education, in come and empowerment within a cound plugaical envisonment, thus resulting in greater social, political and economic. Greedon economic freedom It involves helping people live meaningful lives ie. lives with some purpose It requires people centric policies on behalf of the government. It was first introduced in 1990 in the United Nation's Dewlegment Program's report by AMARTYA SEN and DR MAHBUB-UL-HAQ.



15 THE FOUR PILLARS OF HUMAN DEVELOPMENT ARE! DEQUITY: - This refers to equality in the availability of expertunities to all eq) equal access to estacolian, health care en - However, in real life, this is often not the case eq) marginalised groups like Sce/STS often suffer discrimination, like denial of entry into vchook etc Jacker like caste, gender, race, religion etc SUSTAINABILITY: - This refer to centimity in the availability of opportunities/ses ources - 15 means that we need the needs of the plesent without compromising

CLICK HERE

# 🕀 www.studentbro.in

e a transmission of the on the needs of the future. - The next generations should have access to the same opportunities that the previous generations did E) Judicious use of enhanstitude natival resources like vil to ensure that future generations will have sufficient reserves; switching over to solar percer reduct from oil etc. 3) PRODUCTIVITY: This refers to human labour producedity - 16 is important as human beings are the real wearth of a - 16 can be developed by providing people access to education, health care facilities lete, thus increasing their CAPABILITIES.



17 4) EMPOW ERMENT: -This refers to the power to marke choices - People's CAPABILITIES and FREEDOM can be increased through people-sentric policies, greater expenditure on the social sector by the government etc - Empowerment of marginalised / historically socially or commically backward groups equivemen, SC./STS is expectially important. (15) Industries au located in the OPTIMUM LOCATION where production of the are minimised, thus increasing prejits. FINE FACTORS 3 MARKET DThis involves DEMAND (ie people who would buy the product) and PURCHASING POWER (ie people will have enough resources/inceme to purchas



the produce). Thus, industries prefer to set up in DENSELY POPULAT regions with higher STANDARDS / QUALITY OF LIVING Eg) Many fereign companier like Warmart wish to & enter indian markets per mis reason D'Market is important as it provides an OUTLET je manufactured goods iii) MARKET ORIENTED NDUSTRIES include heavy machinery, machine tools et; Petrodeum products (refred petroleum is used as a sew material petrochemical industries and is easier to transport) and cotten mills are often located close to markets as well D ENERGY / POWER This provides the motive face for machines Earlier, coal was used to provide power. Now, petroleum à hydro-



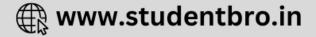
is used. Industries using a lot of power, eq) ALUMINIUM are therefae located near power concer Eg) hydropouver in Tamil Norden attracts many cotten mills etc D) RAW MATERIAL This in an important factor in the case of industries using - Heavy or bulky saw making had a difficult / enpensive to transport egison are - Weight loving reno material where the output is casien to transport as it is less in weight than the input expited Perishable raw materials eq sugar cane which must be crushed within 24 hours of harvesting Eg) Nany ison and seel plants are docated in the Chotanager plastear



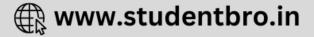
20 materials like non are, coal et are readily available IV) LABOUR D'This involves refers to the availability of CHEAP, PLENTIPUL and SUITABLY SKILLED labourers to pwark in industries i) India ze has readily available labour in many areas due to the large population E) One of the first cotten mills was set up in Humber the madely available labout in the large city, as well as migrant labour from Maharashtra, Gujarat cte iii) it is especially important for labour intensive industries like plantatione, where colonial rules cupio/ted natives tomeet the demand fe labour.



21 I) AGGLOMERATION ECONOMIES todustries often venefit from reachers to cach other. These benefits are in the fam of ogge savings, thus faming agglomeration economies. Athus, depending an tuir requisements, there are many factors (16) NOMADIC MERDING is a form of part SUBSISTENCE PASTORALISM Pasteralism - Frang of animals 10 cally found in that region for some gain/profit Substistence - to meet me 's own demands souther than producing for the market. Therefore, rearing of local animals for "one"s own use / subsistence is known as nom adic herding. It's features include:

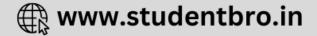


22 e, the set of the set ) ONLY 1 TYPE OF ANIMAL IS REARED This is NOT done an a scientific basis. Animals reared include leindeer and yoker in the arctic feul arctic, yaks in montances legions, Camels in the desert eg) Sahaia etc. > MOVE FROM PLACE TO PLACE to 75 Pasteralism is not restricted to a parts cular area; rasher, pasteralists move from place to place in search of: - better quality fodder pasture/grezing alean - greater availability of resources like water 3) TRANSMUMANCE IS PRACTISED In mountanious regions, in summer months pasteralists will take their herds to upper reaches of mountains for grazing. In writer, when mise regions would be snow covered, they



nove down to valley. This decisal novement & timed as transhumance. DMAJOR REGIONS OF SURSISTENCE MERDING These can be divided into the following 3 major legions: - Tundra region of Ermasia - Ptlantic shares of Africa to Central Asia and - South-West Africa and Madagascar 3 16 IL LESS ORGANISED and LELL CAPITAL INTENSIVE > 16 is unlikely that nonadic herding will become important in global markets, and is declining due to repraving political boundaries and new plans of settlement. (170)





24 TRANSCONTINENTAL RAILWAYS connect two entreme ends of a continent. The longest (double tracked and dechifed) transcartinental railway of the world is the TRANS-SIBERIAN RAILWAY. Dit travels the length of Russia, from St. Petersburg in the ⇒ Thus, it facilitates long uns in either direction of the large country, connecting distant people and promoting integration. Important stations also include Moscow, Chita, Inkutsk etc: - Many important sailway radiate from the MOSCOW sailhead - chita & an important agro-centre -IRKUTSK 7 Jamous for fur products



3) OPENED UP ASIAN MARKETS It played a critical role in the opening up of the Asian markets to mpass from Europe, particularly Northwest Europe. Therefore, it has had great economic significance ) RAILWAYS ARE MORE IMPORTANT THAN ROADWAYS IN RUSSIA This is due to the he vast area, and unhospitable tessain and climate of the country. Due to this, sailways are very important for transport, thus increasing the eignificance of the trans- Ciberian railway. Thus, the tran Tiberian hailway is of great economic, political and social eignificance. (170)





and the state of the second Q13) DENSITY OF POPULATION refers to the number of people living in a given unit of area at a given time Population Density = <u>Population</u> At is generally measured in server of people per km² THERE IS GREAT SPATIAL NARIATION IN DENSITY OF POPULATION IN INDIA: D'The national average is 324 people/km² Highest - West Bengal (904 people/km²) Lowest - Arunacheel pradech (13 people/km²) 3) In the NORTHERN States, it is high in states like Uttar Pradech. Maryana etc 3) In the PEANNSULAR states, it is high in States like Tami' Nach,





and the second s Kerala etc III) MODERATE density is found in states like Ochisha, Gujanat et in) Low density is found in north eastern states, western Rajarthan etc ) Union territors territories generally have high population density. REASONS FOR VARIATION INCLUDE: ) climate - coastal areas are mere densely populated as people profe. find moderate climates mere comfortable than entreme ones 2) Availability of water — This is why western Rayasthan has much less density than Northern plains; people prefe to settle where there is sufficient wate to next the needs 3) Topography - plains /gently undulating region (eg) northern Plains) uppart agriculture, building industries et rather than sugged,

CLICK HERE

## Regional www.studentbro.in

topography / unfirite land ( you thinalayan regions) I) GONOMIC FACTORS MINERAL BASE atrack INDUSTRIES using those minerals as law noticals, thus creating job opportunities and also atracting other projessionals like doctor, teacher, etc, resulting in URBANISATION e) Damoden Valley Coaffelds E) SOUD - ECONOMIE / LUIJURAL FACTORS People often nove out of regions of political metability, low lack of resources etc to settle in regions with greater job opportunities. facilities like weath care, educention etc. Government Foucies and mentives also assempt to promote exprenally badanced population disdibution. D) HISTORICAL FACTORS!



for the set of Patterns of early human cettement, development of cettled agricultures population dåstrikition and density. Eg) Northern Plains av heavily populated despite ducline of productivity of agriculture due to history of settlement and well developed transport network. (19) AREA UNDER PASTURES ("and under permanent pastures and "greeng land") generally includer common PROPERTY RESOURCES, -owned by the government and punchayet, with no some individual having property light - for the use of the community, where all members have access to them with certain obligations - are unaial for livelilihood of poer, and the women (marginala landless jakmens use it per grazing animals, women use it for collecting fire wood etc)

CLICK HERE

#### Reference www.studentbro.in

and and any other and to: i) 'llegal encroachment from agriculture ii) Conversion of common property pastice lends to prime agricultural lend, with increased persone from agriculture. ii) <del>Private no</del> Conversion of community land to private land bought by individuals, and sold by the government for projet De Pressure from non-agricultural activities (like industry, need for anidolog houses cti), has characteristic of our developing comony, has reduced lands reserved as CPR, and CHANGES IN AN ECONOMY ALLO DEFET LAND USE IN THE FOLLOWING WAYS! ) SIZE OF THE ECONOMY

## Regional www.studentbro.in

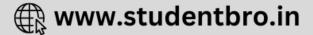
31 - cize refeis to the total value of goods and service produced -as fize increases, so does priserre en land resources to meet the increased demand -turefore, marginget or wente lande come under use. 2) COMPOSITION OF THE ECONOMY -as the lecondary and tertiary rectors to consider to GDP as compared to agricultural/sector primary sectors, agricultural land is used for industries, factories, human settlements etc tertiary activities is common in developing countries. 3) INCREASING PRESSURE ON AGRICULTURE LAND - Even though the contribution of agriculture has declined, pressure a

CLICK HERE

## 🕀 www.studentbro.in

agricultural land has not. - This is because the number of people dependent in agriculture falls more slowly than its contribution to the GDP - In addition, as the population is still growing, there is greater pressure on arguintarial land to produce enough for them. 2015 peop ROAD DENKITY can be used to assess clistic builion of roads, 16 peop ROAD DENKITY can be used to assess clistic builion of roads, 16 is the number of roads per km<sup>2</sup> • The notional average is deproninably 125 per km². It is greatest in Road density is high in states like Uttar Pradesh, Punjab, Henryan etc., in the Northern and coastal plains, in Tormit Nadu and Keralact · 16 is low in regione like the Himalayor (Jammu and Kashmir, North Eastern Status etc), western Rajasthan etc.





Fictitious Roll No. 0901): \*\*\* (To be entered by Board) अपना अनुक्रमॉक इस उत्तर पुस्तिका अतिरिक्त उत्तर-पुस्तिकाओं की संख्या ..... REASONS FOR VARIATION पर न लिखे Please do not write your Supplementary Answer-Book(S) No. ..... Roll Number on this Answer-Book Include variations in building roads. This is influenced key! the COST and CASE of J GEOGRAPHICAL FACTORS Terrain, climate, type of soil etc all influence the construction and main tanence of roads E) in the timalayan state regions, rugged topography makes road construction difficult E) In the narth eastern startes, heavy rainfall makes road maintanance difficul. E) In the norther plains, construction and maintancer both are easy due to forwardele climate, seriain ch E ECONOMIC DEMAND Construction of roads is economically viable only if there is

CLICK HERE

# Regional www.studentbro.in

sufficient demand for the loads Eq) Norther Plains, coastal plans, major cities et have high density due to high population (demand) as compared to western Rajasthan, and have higher road density E) Almost all part cities have very well developed transport netwoorke and road density I) ADMINISTRATIVE POLICIES To promette regionally balanced development, the government also influences construction of rogade through its policies Eg) 20 year plan in 1961. PTO



مىرى روم يى رسو بى ا<sup>رى</sup> مىرى قور د MAP ATTA CHED (22) A-Norway BE-Sydney C- Rio de Janiero D-New Osleans E- Lagos 022 i) 400 ii) West Bengal iii) Panipat Bhilai Bangalore / Bengahum MAP ATTACHED Ruother





