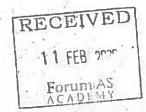
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FIAS - 2020 - GS16C/R

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ACADEMY

Name Of Candidate L. Ambica jain Email Id. Mobile No. Date:

Time Allowed: Three Hours

Maximum Marks: 250

INDEX TABLE Q. No. Max. Marks Marks Obtained 1		ABLE	INSTRUCTION	
			1. Please do furnish Name, answer sheet. 2. There are TWENTY quequestions are compulsory. 3. The number of marks carragainst it. 4. Answers must be written admission Certificate, which nothis Question-Cum-Answer (Question-Cum-Answer). 5. Word limit in questions, if page or portion of the page left Booklet must be clearly Struck. Any specific message Evaluators with respect to the page of the p	estions printed in ENGLISH, all ried by a question/part is indicated in the medium authorized in the nust be stated clearly on the cover of (CA) Booklet in the space provided. specified, should be adhered to. Any t blank in the Question-Cum Answer
Rema	ırks:		Start Time 1: 25pm	End Time 4:336m
			Mode Of Examination :	Online Offline
			ECN CODE:	Evaluation Date:

Parameters	Excellent	Very Good	Good	Average	Poor	Very Poor
Language						
Structure .						
Presentation						
Handwriting						
Content						
Attempt						

ADDITIONAL COMMENTS

Q.1) Ocean warming has caused coral reef depletion via bleaching as well as deadly (10 Marks, 150 Words) outbreak of diseases. Examine.

Elimate change has its impact on the global temperature. With global warning there is a rise in Ocean temperature. The average demperature of Ocean hove inveased over a period of time

Ampact of Ocean warning

(i) Colal bleaching:

Corals which are calcuour organisms are home to reveal plantton and organisms. with the rise in temperature, These ackard plankton gets affected, making their survival difficult. This results in colar bleaching. Colal bleaching results in disrologiation of colabs ar they loose the flankton. This also enjacts the food chain of oceans.

Fisher and other aquatic beings dependent on colalis plankton get affected. Thus ocean warming affects wals. (ii) outbreak of diseases: With increasing temperature, fisher in general produce tonic chemicals, unhealthy jats, which can perore to be jatal. Several diseases within the aquatic ecosystem as well as in those who depend on these foods, outbreak. Thus acan warning, Along with glacial mett, rise in sea level, also groves the above mentioned threats; and requires greater attention to tackle it.

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Structure	Content	
Question Interpretation	Total:	

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Q.2) Enumerate the factors which are responsible for the location of the cement industry in India. Also, explain why the cement industry is mainly concentrated along the Vindhyas range. (10 Marks, 150 Words)

defendent on rew material. It requires selve moderals like timestone it

Factors for its treation)

(1) Row material

on Elatricity

(37 balour force.

Cement anottistry in andia

Cement Industry

- in India is

dargely located

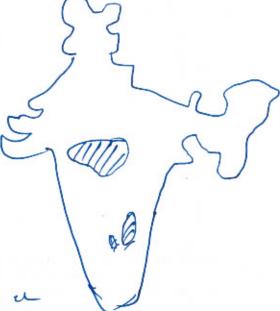
in rundhayan

runges,

Along with in

deccar peninsular segio

-g cuddafah, Tanul nadu el



(Don't Write anything in this Are

Feasons j.

(17 Vindhayan ranges have with source of timestone and dolonite deposits

(27 exvollatility of Labour

(37 pour from derms orion river

Normada.

All there factors affects its

location near to windhayan region.

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Q.3) How does the plate tectonics theory help in explaining the formation of (10 Marks, 150 Words) Himalaya.

The Theoly of plate tectorics is an umpollant contribution to understand the geographical structures and their tocation.

plate tectonics theory exceeding to this theory, the lithosphere of the earth floats on mantle and has been divided into 7 major plates and Landfolms are formed baring on deveral minol plates different movements of plates plate movements

Francisc Divergent convergent

Convergent - when two plates converge Dredgent - when Iwn place more apart Dearwere - when two plate dide against one

another.

(Don't Write anything in this Are:

plate tectorics & formation of Himalayers
Himalayas are young folded mountains, plate tectorics offers explanation to the folmation
They are located on the boundary of Indian
and Eurasian plate.
Emasian plate, the state of sensity of its property of
(47) Even Juday Flimalayers Indian
(3) Evidence of Sectiments on this folding.
Thus plade tretonics theoly wiphain the formation the fore

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Q.4) The fast rate of urbanization is leading to fundamental changes in land use (10 Marks, 150 Words) patterns in India. Discuss.

Urbantsation in India, in the secont times has go been growing at greater pace. This just rate of urlanuation, often is an unplanned ultanuation and has its impact on dand-use pattern.

Usbanisation and landuse pattern

- (1) Popid urbanisation rulls in
- Change in land-use pattern.
- (2) Encuosed land under human settlements.
- (3) Durinion of folest lands for
- settlements and communial use.
 - (4) Shift of land from agriculture to non- agricultural purposes-
 - (5) Increased increachment on siver banks
- and flood plains.

(Don't Write anything in this Are

- (1) Anneased Connectation and
 - (a) Emigence of Sub-when centur, flowery from cities to sural areas.
- (8) Decline in agricultural land.
- (9) Occupation of community and fallow

Jands.

thus, with unamation, the stress on land which is winted revoluce, increases and often evological durinty in lands get affected.

Thus, with unlamation, the stress on lands and often evological durinty in lands and affected.

The address this mismatch, there is need for planned welconsistion.

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Q.5) What do you understand by Geo-heritage? Bring out the reasons why Geo-heritage has been a neglected feature in the conservation landscape of India. (10 Marks, 150 Words)

Greo-heritage are sites which have quater geographical values and have huge geodogical significance. Shey are impollant sources of minuals, have unique quological structures.

In India, Geological durry of Andia (GSI) is the modal agency that declares a site as Geologic Geo-huitage sets. In the conservation efforts, Geo-heritage sets, unlike custival heritage sets are often reglected.

Recisone for negliofence

(i) There sites are usually sich in mineral resources

y cases in audapah - rich in dolumite, limetone

(Don't Write anything in this Are.

Forum IAS

(it) Have greater commercial value, thus prone to resource entraction. much (110 Lack of awareness of on effects of such excessive exploitation. (Iv) pool management of Lites (V) dissifficient conservation mechanic available to protect and preserve them. Because of above mentioned reasons, Eus-heritage seles ou often neglicited. There is need to insteam the of conservation of these sites for elborre greater geological balance and sustainability.

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Structure	Content	
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Q.6) Discuss the concept of Polar Vortex and explain its impact on the Indian (10 Marks, 150 Words) Climate.

Polar Volter

Polar volten is the fast flowing

licular cold winds at polar region,

get defluted from its normal

pattern and reaches down.

There are high winds

above unfore, which are odder,

due to pressure différence and georging ber des delle to premue gradient they

you down is lesser ratilitées

(2mpact)

(1) Increased Cold winds

(2) pedine in temperature on fardmenses

(5) Increased snowfall.

(Don't Write anything in this Area

2mpart on Andian arimate

(1) Decline on temperature in interiors

(2) Cold wines blow from central Aria

(3) Create Cold wave like condution in

molthern hemisthue.

(4) Levere winter in nothern andia.

There are some imparts of

polar volten.

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Q.7) Discuss the difference in the process of formation of Lakshadweep and Andaman \$ Nicobar Island of India. (10 Marks, 150 Words)

Lakshadeweep and Andaman & Wicobai Islands are two important sets of Islands located on western and Eastern coasts referencely.

The process of formation of their solarors differ from one another as a result their nature vary.

Defference in mous of

Laketaduret adridaman + Nicolar

(1) Formation of fakshaduceh Islands:

Lakeshadwech Deplands are mainly what Islands and are followed due to grant when they are small accumulation in what sup and their rising.

(Don't Write anything in this Are

They are characterised by extolle, self. and consists of calcareous deposits and sediments. of Andaman & Nicolai Island: Andaman and Micobai Islands are terrestial hardrasuface Islands. They are believed to the extension of Alkan yours a Regu yours of Elynmas They have hard surface. Infact ednotoman and Wicobar Island consists of active volcano and peak (saddle peak). Thus geologically on the folmation of Laterhadevicep and extradomer & Wilobar Islands vary.

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Q.8) Describe the concept of upwelling. Illustrate the causes and regions of (10 Marks, 150 Words) upwelling and their socio-economic impact.

Upwelling can be defined as the process through which the sich minuals gor from Earth's mantle come to Earth's surface.

Causes of expuelling

(1) yourdling mainly is a result of convectional aments what flow from mantle bounds prentle

I The are also asselled when excessive heat from mantle is released towards Earth's surface. Geysen, springs, repudlings at bes occanic

vottoms are some form of upwellings.

Regions & upwellings:

(1) Yellowstone park- USA- (regus)

(ii) Crapase and springs - In India - MP (Marakans)

ctu

(Don't Write anything in this A

Impact of upwelling :

(i) Social: Upwelling regions folm the places of

dettlement. They are sources of wielihood

for old and fempuate regions.

- help in food production. et

(ii) Economic val impart:

(a) Provide rich mineral douces

(5) help in electricity generation

(C) source of livelihood.

(d) authoric value.
Thus upwelling has both sound and
Economic value.

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Q.9) What is apiculture? Explain its importance in agriculture and rural (10 Marks, 150 Words) development.

Africulture can be defined as Bec-farming where beer are grown in fairning lands to collect and produce

honey.

Importance of efficulture

Africulture has significance in agricultural and rural development.

- (a) It is an allied activity along with agreeithus.
- (b) Kelps in pollination and agricultural production.
- (1) Helps increase formers income
- (d) Diversification of risk in times of

Crop failure.

(e) can be done in partlel with aqualture.

(Don't Write anything in this Are

(iv an Reval development:

car tech generate employment, as many

defendent on aquentlure

(b) Reduce steens on land

(C) decrease sural economic productively.

(d) Reduces stuss on outan antres and

out-migration Check

Trus apraulture has great potential rural development and also it helps

Conserving the species which are threatened

due to crological ser degradation.

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Q.10) What do you understand by temperature inversion? Discuss various types of inversions. (10 Marks, 150 Words)

Temperature Inversion can be defined as a phenomena when with increased allitude, the temperature increases.

i.e, it goes against the molmal lapse rate (decline in temperature with increase in althous - 6.5°c/i000mils).

Temperature inversion is the reversal of normal lapse rate.

Types of invesions

temperature inversion can take place in different region. The type are

when the surface gets without surface winds, and with clear sky without surface winds, the temperature on the surface is much

Cooler than above. It is because in winters, lautis cooler

(Don't Write anything in this Art

surfare returns les heat and gets cooled

When the amount of heat received is here, and warm are masse reaching polar region, the air above is warmer than

CITY duration in valleys:

Tempurature anierision also takes place in valleys which are not exposed to sum. Their temperature inversion, goes against the principle of normal slags sate and results in cooler surface than air

avore it

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Forum

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Q.11) Discuss the conditions required for the formation of a tropical cyclone. How (15 Marks, 250 Words) is a bomb cyclone different from a normal cyclone?

· Tropical cyclones occur in Tropius, away from equator. They occur on the ocean surface and requires following conditions.

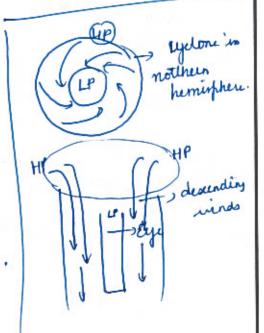
Conditions

- (1) Warm ocean surface
- (2) Est Vast Ocean Jand mass
- (3) Low pressure on east occas surface
- (4) High pressure gradient.
- (5) Abrence of upper winds, a above sea

surface.

(6) Cottalis force.

Tropical Cyclones occur in the months of October, November when the landmars in Nolthern hemisphere is relatively cooler. at creates High Tressure on



land-mass and Low present on Ocean durface Thue to this pressure gradient, wind moves from tugh presence to low presence and draws moutin from ocean surface. When it hits coast it results in landstide and sudden outburst of heavy sainfall. Tropical ajeloner are called varied in Various peuts. Typoons - East po China want, Tapan Cyclones - Indian wast willy willy - elustralia Vennicare - USA Humicanis

THE

Destubility

(Don't Write anything in this Area)

Difference between Bornt ayelone and notmal

Bomb aydone. It is of much intense

speed and velocity.

- Largely occurs in Ust coast
- causer huge damage.

normal cyclone;

- circular in Skape

- -1 with speed of 200-300 km/hr.
- cours devastation and landfall on Coast.

Tropical cycloner rentile Gemperate

Occur only on sea surface and are anti-cohockwise is nothern hemsphere

and clockwise in douthern humiflure

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Q.12) Explain how local winds are different from planetary winds, giving examples, highlight the role of local winds in influencing climate, agriculture and livelihood in various regions.

(15 Marks, 250 Words)

Winds ou impollant agents in geography.

Basing on their characteristic, their divation,

location & extent they are classified into

afferent types such as

- (1) Planetary wind
- (e) Seasonal winds
- (3) Local winds.

Local Winds planetary winds Hey are not (1) also sknown as fernament permanent. winds. (2) Blows in limited (2) Blows throughout gargraphies. The Garth, year long. (3) Influenced day (3) Influenced by preserve bette folmed on local dimatic conditions. earth. (4) Direction influenced (4) Their direction is cinfluenced by coriolis force. by land features. (5) There are several (5) Mainly 3 Types -) Frade winds, westerlies, docal winds - Chinook, Kalabairakhi et . Ecitarlia.

Local winds are the non-permanent igiographically timited winds, which flow locally. They are impacted by local conditions. edt the same time, local winds have their impact on the places they blow.

local winds have influence on the dimatic anfluence on climate: conditions. For example: - Chinook - local wind that blows over Rockies mountain in North America, alu known ou snow-eater. On the lec-ward side, the create moderate writer elimate.

Loo - that blows in Northern Andia during summers, increase the temperature.

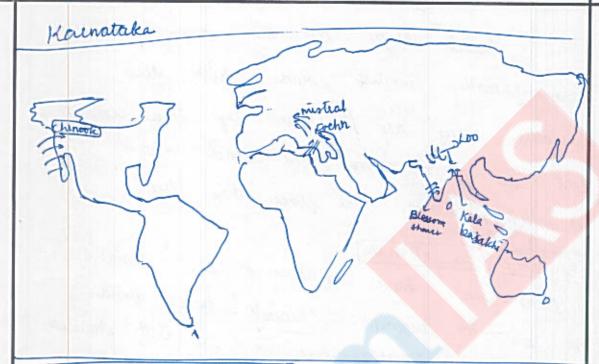
(in Influence on Agriculture)

Some botal winds are important in agricultural production

Ed example:

Local winds like Mango showers compostant to repening of mangos, En Cherry Blossom - for coffee plants in

(Don't Write anything in this Are



Influence on Livelihood twellhood. At helps in Local winds ours ampact twellhood. At helps in scaling aqueillion, et time it damages lives, due to heat waves (Loo), sands from declars etc. due to heat waves (Loo), sands from declars etc. Local living conditions are influenced by local winds. Thus local winds, winted in geographies Thus local winds, winted in geographies of lives.

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Q.13) Discuss the mechanism of monsoon in Indian Subcontinent. Assess its (15 Marks, 250 Words) ecological, economic and social impact.

Monsoons are the seasonal winds that blow over the andian dub-contient. Sthey are impollant as they bring about 97%.

of India's rainfall.

Indian monsoon happen in a phases.

- (i) doubt west monsoon
- (11) North East / Retreating monioon.

electronism of Indian monsoons

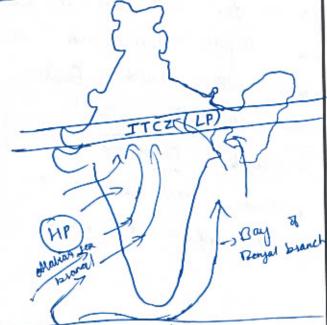
(1) Indian monsoons are a result of Phifting Inter teopical convergence zone from Equated towards modern Gropic of cancer (131/2'N)

(2) This creates

low pressure on

The Indian land mass

(3) The redatively cold ocean surface is the region of thigh presure.



winds (Eastelles) (4) From here the cteade Towards the Inter Stopical Convergence (5) Que to the impact of Colialis force, after assing Equator, these south East trade winds more towards eight, becoming douth-west wind (6) These evends get divided world 2 blanches. - eteabian sea - Bay of Benzal sea causing rainfall on Indian an landmans. goot hills There two branches converge at the of sumalayas in central past. (7) When ITCZ shifts towards Equator, whe HP on the landmars on low pressure on Ocean surface result in retreating rainfall During this period - Eastern coast, Tamil rade reciues rainfall. ampacl of monsoons Monevour have impact on diverse aspects of life. Retreating

(Don't Write anything in this Area)

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- (1) Evological umpart. Due to heavy rainfall, it helps in regetation, growth. Western ghats which sewerer highest amount of sainfall, is a bordwinity hotifot. North East hills too are rich in bro-dwinity due to great amount of rainfall they receive.
- (ii) [Evonomic impact:]: India, where large population is dependent on agriculture monsoons have greater evonomic value: est agriculture is rainfer predominantly, timely curied of monsoon has greater evonomic impact.
- (ii) Social impart:

 ellonsoon has greater social impart: others where
 sainfall is byted are developed. Rain shadow
 sainfall is byted are developed. Rain shadow
 regions with stant rainfall are backward.

 Thus monoon has greater impart on
 diverse walks of lives. Delayed on flustrating
 monsoons has negative impart on Indian
 economy.

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Q.14) What are the factors affecting the location of industries? Discuss in the context of the location of the Pharmaceutical Industry in India.

(15 Marks, 250 Words)

growth The location of industries is contingent on several factors. The industries ideal place for location of industries depends on the following factors.

Factors

- (1) Near to the saw material
- (2) supply of power
- (3) Availability of labour
- (4) Nearners to market
- (5) Avaitability of votter bansportation

facilities. - Pailways roadways polts.

(6) wear to River water bodies.

Basing on the nature of undustry one of mole of the above factors affect Industrial location eg - labour-sintensine andustry- near

the place where labour is easily available.

Location of Pharmaceulical andustry in India.

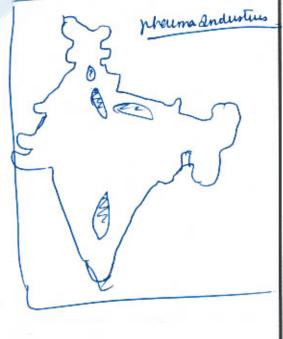
Pharmaceutual Industry is an important cindustry in andre andre is a larger produces of generic medicini.

factors affection is walters.

cis at requires skulled Calour

(i) phame industries are also located near evalability of saw

material -Hemalayan foothillsof entrails from forest.



(Don't Write anything in this Area

(iii) Auray from sine bodies - to purent-

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Q.15) Explain the factors responsible for commercial fishing more developed in North Europe and North America as compared to Asia. Also, discuss why fishing is more developed along the western coast than on the Eastern coast of India?

(15 Marks, 250 Words)

Gommercial fishing, ie, free Butaction of fisher for commucial purposes on large scale, through improved techniques and mechanisation is more predominant in North Europe and eloth America than in Asia.

Factors of such variations.

(1) edia - located in trofical somes, have divine fishes in less number - let is not commercially viable.

(2) North edmerica, North Europe - predominantly temperate somes - have large number of single temperate pines - commercially made viable.

(3) Asian countries lack sufficient
technology required for commucial fishing.

Lack of deep sea fishing boots, mechanised
browlers, nets etc

(4) Northern Europe & American Countries possess
sufficient technology and equippment.

nearly North colonican and North European Coasts - (Grand Bank - New foundland - convergence of Labrodol whent and New foundland award).

Producer planteton - suitable condition for fish growth.

Producer planteton - suitable condition for fish growth.

(6) Development of processing industries in North America and Europe.

Where following reasons, where resulted in more advanced commercial fishing in Northern Europe and Northern America than in Northern Europe and Northern America than in

Fishing & in India

Within Andia, fish production is greater

which and waters than movine. In the coastal

in Anland waters than movine on the coastal

marine pishing, the western coast produces

the western coastal fishing is more developed

who western coastal fishing is more developed

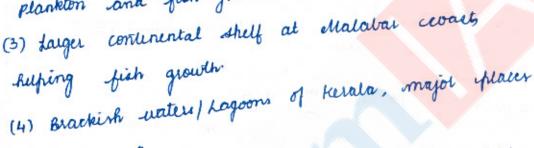
than the Eastern coast of India due

to develope.

Reasons

(1) longer coastline on evertein dide.

(2) elluch inundated coast in west - helps growth of plankton and fish growth.



(5) Eastern wast - less intendated, not much viable

(6) Large scale-development of fisher broundings for fish growth.

western side. These factors collecturely an responsibline for duclofment of acateur coast than Eastern. of west, ellabour crast is of qualer significance

in fish production.

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Q.16) Despite the implementation of various programmes for cleaning of our major rivers by the government, riverine pollution continue unabated in India. Explain by giving reasons. (15 Marks, 250 Words)

River pollution has been point of major concern in Ending with dereval rivers, being polluted, making the flow pool and water einfit for consumption programmes for cleaning rivers) To raddress River pollution, several programs have been parner in secent · Programme like- Namami Grangi, - to clean hourt. (11) Granga etction plan (iii) National River Conservation authority Which looks after 30 odd rives and their Condenation. Desfule there programmer the river spollution still continues to semain

(Reasons):

- i) Discharge of toxic industrial master
- \$1 farmaries of Marspur on Gange Coast.
- (h) River durersion
- (M) Untreated sourage discharge.
- (IV) pool river management reducing wie flow.
- (V) Unregulated river banks
- (in pool implementation of laws
- (vin lack of holistic & approach towards

(Viii) Orregulated location of industries.

There are some of the reasons for

continued pollution.

(nearing)

There is a need to undertake holistic

approach toward river development

& Nimal thoust - Swach dhara - Avrile others

(Don't Write anything in this Are

(ii) Regulation on industrial location

(iii) Rules on pollution discharge

(iv) Ratter waste management mechanism.

(V) Strict implementation of laws and significant from integral encoachments

(VI) protection from integral encoachments

(VI) protection from integral encoachments

and employment of modern technology, assistance and employment of modern technology, assistance from international bodies- is Thames model.

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Q.17) Explain with evidence, how continental drift theory explained the shifting of world continents over the earth's surface. Also, highlight its limitations.

(15 Marks, 250 Words)

Continental Drift theory was proposed by ether Weegner in 1912. This theoly provided explanation for the present position Continents and Oceans. Asoposition in exceeding to the thedy, the Earth consisted of one single land mass called Pangae and one single ocean called fanthalam. in the pangae was further Pangae divided into 2 landmaner con Laurania (67 Grondwana. by the sea called Thytizes sea. (iii) According to this theoly, the continents have drifted from their carlier position to the auent position. (IV) Thus the current day oceans and continents are result of this drift of

Continents

Evidences

. There have been several evidences put forward

substantiate This theoly-

(i) The zigsow fit of continents located for apart. The boundaries with each other.

& Brazilian Coast and Dvdy wast

(ii) Distribution of forils on

g the gold placer deposits on Brazilan & African coast. (iii) contoniferous deposits found in India, office

and edustralia. Colo the tell deposits).

(in same age of rock and similar tock

structure found on coasts.

These evidences substanliated the proposition that continents of current day were once together, and have drifted over period of time.

Limitations:]:

This theoly was an important break through to undustand Earth's landforms. · However, it had its own set of dimilation. (1) It failed to explain the reason for duft. cauch (2) The explanation of volcania flow and driff fal stat. The onechanism behind such drift remained unexplained Flowever later the Plate Tectomics theoly filled the vacuum and ould explain why and how the continental landmassis drifted

Feedback	For OF	FICE .	1100 0	mler 1	

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Q.18) Insensitivity towards ecology of the Western Ghats is making the Southern States vulnerable to floods and landslides. What measures are required to arrest the widespread ecological devastation that the fragile Western Ghats are facing?

(15 Marks, 250 Words)

The orecent devastating floods of Kerala, followed by landslide and mudflows reflects the insensitive alletude adopted towards ecologically sensitive zoner such as Western ghats. States of Maharastra, Karnataka, Kurala had to face the brunt of excession flooding and landslides, Over the period of time their rulnerability the grown. Reasons for increased rulnuability (1) Damage to the econ system of western (ii) Querased human concroerehment in these ghats. areas

(iii) Increased deforestation

(10) Undercutting of mountain ranges.

(v) Ellegal towrist actualles and violation of molms:

(Vi) Mining and quarrying beyond now purutted limits.

(vii) anciesed ogricultural practices.

(VIII) Neglect of report by expect committee under enadhar Gadgil- which provided Recommendations for consevation of western ghats.

All there are some of the factors which have resulted in unexased glooding and landslides.

To conserve the ecological fragile regions like Measures western ghats, the pollowing measures are to be (i) Ebict implementation of Gradgil committee adopted.

(9) Demarcation of Evologically demartin zones, seconnendations -

where human interference should be winted.

(b) Restricted construction in then zones.

(Don't Write anything in this Ar

(i) Regulation of mining articles.	
(111) strict vigilence on illegal tourist danne	
(iv) Maintaining such broductisity. (v) Prepention of diversion of land from folist	to
(Vi) Prevent deforestation and measure tou	ards
(vi) anolving boar community is conserva	teon
western ghats, which are biosphere hotsp	ot
already born my	1
sheir conservation is improved sich bisodiversity and also protect human sich bisodiversity and also protect human sittlements from facing flowds and landstides.	

Feedback (For OFFICE use only)

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Question Interpretation	Total:		

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Q.19) Explain the origin and types of volcanoes. Also, explain various landforms (15 Marks, 250 Words) associated with volcanoes.

et Volcano is a vent opening through which the molten rock material corner out over the Earth wolcom Euface in the fam of lava-Origin of Volcanoes Volcanoes are result of Venting of magma, when encusive that under

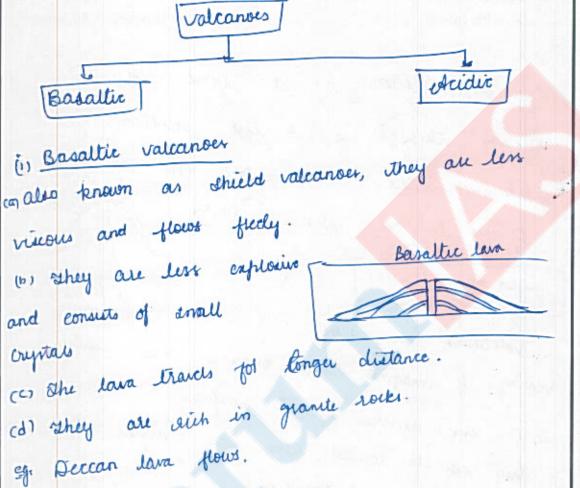
Earth crust reaches earth's surface. i) they can be located either on margins of peales - (divergent of convergent) (in or at hotspots, where magna flows out after

regular interval. (y Hawaii Island)

Types of volcanoes

Valcanoes are classified flow, ie, and on their material pared speed of movement of lava.

-1 hotshot



Heidic valeonoes have more viscous dara and does not you for longer distance.

They are explaine as love blocker obtained at the crater, due to this viscouty.

They your conical land form

It consists of larger cupitals.

(Don't Write anything in this Area)

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I OI CHILLIANCE
Volcania landforms:
(i) Crater - depressions formed during land
you from where low comes out
(li) Caldera: collapses due
to enplosion and expands, il
is called Calalla
(111) caldela lake:
when caldera collects
Jame of and
land forms formed by valcanoes.

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(Don't Write anything in this Are:

Q.20) How does sand mining affect the Hydraulic structure in the country? What measures can be taken to mitigate these effects? (15 Marks, 250 Words)

Sand mining which is president on coastal and flood plain her an impart on the hydraulic structure of the country.

lands along the Courts are extracted and from dry rim & bods in construction and ther activities.

Impart & on tydraulic structure

(b) Lands help in seepage of water from surpre to ground water

(2) They help better retainment of water

(3) In the orbiner of sufficient found

rices overflow due to demand inatur camping capacity.

(4) It affects ground water recharge

levels.
(5) at changes the river course

and river flow.

(6) Encroachment in river bedy flood
fining affects the river ecosystem.

(3) It can result in frashfloods and

Unregulated sand mining pour thust to river, river evoystem and needs to regulated.

Treasures:

gulmergence

(1) Strict regulation on sand mining
(2) edadress the boopholes in law and
(21) allegal mining.
(32) Restrict settlements along flood plains.

(Don't Write anything in this Ax-

- (4) Construct embarkments
- (4) aslow better whorse of water
- (6) Demeucation of zones along mich

Course.

These measures can help metigate the

Effects of Sand mining.

Feedback (For OFFICE use only)

Structure	Content	
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Mentor Feedback Questions	
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2	······································
3	
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5	
Test Goal	Outcomes
1	
2	

3	***************************************

Marking Scheme

Marks	Good	Average	Below Average
10 Marker	3.75 – 5.0	3.0 – 3.5	< 3.0
15 Marker	5.75 – 7.0	4.0 – 5.5	< 4.0

^{*}Subject to change without prior notice.

For any suggestions and/or grievances regarding evaluation, please mail to : asif@forumias.academy

IMPORTANT: We've made some changes to MGP

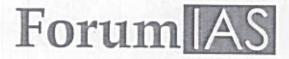
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