TEST CODE | 7 | 1 | 3 | 3 | 0 | 2

Time Allowed : Three Hours समय : तीन घंटे

Maximum Marks : **250** अधिकतम अंक : 250

	GENERAL STUDIES / स	ामान्य अध्ययन	
Name Of Candidate परीक्षार्थी का नाम	Anshul Yadav		
Roll No./अनुक्रमांक	1910105656	Medium/माध्यम	English 📉 हिंदी 🔙
Center Code/परीक्षा केंद्र	Online	Date/दिनांक	21 July 2024

*Center Code : For C	Online - 1900 / Delhi :	Karol bagh - 1901, ORN	- 1902, Mukharji Nagar - 1903/	Patna : Boring l	Rd 2001 / Hyd	erabad : Jawahar Nagar - 2101
INDEX TABLE / अनुक्रमणिका			INSTRUCTION / अनुदेश			
Q. No. प्र.सं.	Max. Marks अधिकतम अंक	Marks Obtained प्राप्तांक	1. Please do furnish Na sheet.	ame, Email,	Roll No and	Mobile in the answer
1			कृपया उत्तर-पुस्तिका में ना	म, ईमेल, रोल	नंबर और मोबाः	इल नंबर भरें।
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7			3. The number of marks प्रत्येक प्रश्न/भाग के लिए			
8			4. Answers must be wri	tton in the n	adium auth	orized in the admission
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10			Cum-Answer (QCA) Boo		•	_
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14			5. Word limit in question	ons, if specifi	ied, should b	e adhered to. Any page
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17			प्रश्नों में शब्द सीमा, यदि			-
18			पुस्तिका में खाली छोड़े गये	किसी भी पृष्ट	उया पृष्ट के १	भाग को स्पष्ट रूप से काट
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Total Marks/	मुल अंक :		Mode Of Examination/ परीक्षा की विधि : Online Offline/ऑफलाइन			
*Examiner's Discretion is the marks awarded at the discretion of the examiner based on your overall impression, on the basis of (but not limited to) your handwriting, presentation, use of diagrams, flowcharts, facts and figures or absolutely anything that he/she liked in your copy.		For Office U	se Only /	केवल कार्या	लय प्रयोग हेतु	
		ECN CODE/	EG/ईजी :		Evaluation Date/	
मूल्यांकन कर्त्ता का विवेक अंक, आपकी लिखावट, प्रस्तुति, आरेखों के उपयोग, फ़्लोचार्ट, तथ्यों और आंकड़ों या समग्र रूप किसी अन्य विषय वस्तु, जो मूल्यांकन कर्ता को आपकी कॉपी में पसंद आयी के आधार पर (लेकिन इन्हीं तक सीमित नहीं) पर दिए गए अंक हैं।		ईसीएन कोड :	① ② ③	9 4 5	मूल्यांकन तिथि :	

Note: Students are expected to incorporate suggestions from the feedback provided in the answers. Discussion classes for the tests are also available online in your portal to aid in your preparation. Further, students are requested to see the good copies of the tests and learn from them. You can also discuss your copy with a Mentor and discover ways and means to improve your answers, or if you have any issues with this test / copy. Ask specific questions, to get specific answers.

EXAMINER'S REMARKS



CRITERIA FOR THE FEEDBACK SECTION AT THE END OF EACH QUESTION

- 1. AWIS = Answered What is Asked. This means whether you have addressed the core demand of the question or not. Addressing the core demand of the question gets you an objectively fair score. It is examiner's perception if you have understood the question and if you know the answer in the first place. Creative answer writing, sometimes missing the core demand, may fetch very high or very low scores, and exposes your answer to the subjectivity of the examiner.
- 2. CD & VA = Content Density & Value Addition. Examiner will evaluate the quality and quantity of your content in the answer. In the same word limit and space limit have you (a) written what is asked (b) gone beyond what is asked (c) enriched answers through combination of (but not all!) suggestions, ideas, quotes, flowcharts, diagrams, facts and figures, data etc. This affects objective components of assessment.
- 3. S & F = Structure & Flow = Whether you have structured your answer properly or not. Whether the answer has been broken into parts and sub-parts and each part has been addressed appropriately or not. Whether the flow of the answer is maintained. Affects both subjective and objective components of
- 4. P & R = How your answer performs on the criteria of presentation, ease of read, clarity and apparent effort in writing the answer. This affects the subjective components of assessment.

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Q.1) How far do you agree that a robust domestic demand is the most important driver of India's economic growth? What are other factors that influence the growth trajectory of the country?

(10 marks, 150 words)

to grow at Sustaining high donustic investment donusto demand key drives as growth Economica inflation cheaper coof of production With donoshi demand conomies of Scale production - incorrect

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3) Lowers ICOP further (2) ~3.5 in Frez
boosting and growth with efficient firms
Howard, Indian economy has structural barriers —
D state-led demand juneration -> High Capex (11 trillion subses) Fyzs
high Capex (11 trillion supers) Fyzy
is invocased starsnation of dameshic demand pushed economy to export led growth.
factors affecting growth trajectory -
Manufachung sector - stagnot at ~1876VA
2) 4 Dwarfon in Mone" - lacking grouts
& expansion
3)
y
India should follow exposted [growth model too sustainable smooth) to 1. 1. 1.

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(Specimen Answer Booklet - For Practice Purpose Only)

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Q.2) Macroeconomic stability is not solely dependent on the quantity of foreign exchange reserves, but also on the strategy and sources on which they are built. Discuss in an Indian context.

(10 marks, 150 words)

Recently Indian forex reserves crossed the
mark of \$ 650 By ranking 3rd
largest forex resures in the world.
Mackolconomic Stability defendent on forex seems
d'impost cours of alleast 6 months to navigate unforeseen contingencies
2) buffer against black swan events (g) COVID-15
3) Rupee exchange rate stability 30 RBI sells
dollar to check outer defreciation.
However, forex reserves & strategy and sources
Alse matter for macroeconomic statisty
1) optimal mix of Gold, foreign securities
and cosh ocurres
2) Diversification of assetts
To US economorage & hocker as in 2008 (nois)
to US econompage & hocky as in 2008 (nois)

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in contingency times

y) unproductive assitt -> not linked to

tornal economy in substantial manny

Strategy for productive usage of forex sesures -

I ginterest bearing assets and hold I was somero

2) Diversification strategy

4 De-dollarisation of promotion of trade in

2 Per Russia - India Vootro accounts.

4 inclusion of # & & & is

poren assits to hedge against & hiks

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Q.3) DPI (Digital Public Infrastructure) is a critical enabler of digital transformation for both businesses and citizens; however, it comes with its own set of challenges. Examine.

(10 marks, 150 words)

"Digital bublic infrastructure is a abobat Le public good" - By Modi
& public good "
- AM Modi
DPI as a critical enably of digital transformation of citizens & Businesses -
transformation of citizen
monsportation of antens & Businesses -
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I - Chiten digital
an fen - central services les taches as identit
Ly Jam trining => DBT transfer tedraled corruption & hakeages.
comption & hakager
4 distribution of public goods efficiently
Es course vacaine postal - digital cestilitate
by COWIN. Vacuus postal - digital Cestificates.
Ls Digital India initiative
- Digilocker for Velhide, school cestificates.

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Businesses

4 setail stores in e-commune
4 somiesh Postal - single windows decrance
Inspronge EDAB.

Howary, et has several challengy -

Digital divide - lack of internet-enabled mobiles by only ~89 Corores have internet access (IMAI seport 2023)

sites less Accessibility is sury for disabled

3) Privacy 2 data breach is sues - wide branging exemption to law enforcement is DPDP Act 2020

India should bush Digital Rublei Infrastructure as a form of Global Good for Global South

(Please do not write anything except the cuestion number in this space) कृष्या इस स्थान में प्रान संख्या के अतिरिक्त कुछ न लिखें।

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Q.4) The skewed emphasis on certain crops has distorted the cropping pattern in India, which has led to grave socio-economic and environmental consequences. Elaborate. (10 marks, 150 words)

India's Excal production crossed cestain Crops pattern Bayon 2 Millets Cotton mas Sugarcane ig: Gop dytobution in India

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4) WTO is sury for Bygarcone FRP G Brown initated complaint

Grave sois-economic & environnentel consequences

- i) virtual water export Rice & Sygorcane are voter- guzzling crops
- 2) overingation & soil salinity issues for the SRI method
- 3) Skeured Nutritional outcome lack of problem - rich diet
- 4) High Current Account definit impost of Pulses, talm oil from Indonesia

Super food crops

Show Milleto M

Balance d MSP

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Balance d MSP

India should promote AAS Crop diversification for doubling farmers theone Page (Ashok Datura) Consider

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Q.5) Private participation in propelling India's space journey is widely acknowledged but is yet to be fully tapped. In light of the statement, analyse the hurdles faced by the private sector and also recommend measures to unlock greater private participation in the space economy.

(10 marks, 150 words)

Private Sector Nvate aud Page

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2>	FDI	Challen	per ->	podo	in frastmehre
as	bottle	nede of	linite	Capita	I availabily

- 3) Poor RLD India 0.71- of GDP US, Ching 2-3% of GDP
- 4) poor manufacturing capacity -s in semi-onductors; electronice components

Measures to unlock high private sector

- I lessing & sharing of JSRO launch trailinis _ " Mandholding approach"
- 2) execution & implemention of India space-poliny 2023
- 3) PLI and government capital support By subsidies winked to indigeneous content

India should talp into its space potential and handhold its key staships such as

Agnibul 4 Sleyrost.

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Q.6) With recent advances in technology, robots are now equipped to perform more than just conventional and routine tasks, which brings new opportunities as well as risks. In this context, evaluate the future potential of the robotics sector. (10 marks, 150 words)

Roberts at going to scrolutionise ust
Century in diverse field and innumerable
applications in IR 4.0.
integration of entry ration
AI as Recent advances with JoT
L'Cognitive engine" in rototic techology senson
AR L VR for Bio servors
vibralisation.
NI 3 0110 21
New edeportunities in Rotohics sector -
I Robolic industries - high precision &
Skilled Manufacturing
@ ABB robots in automobile
2) Humanoids with AI functioning as
Brain of robots of Testa robots

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3) augment labor shortage
(2) robotie delivery of goods by Amozon
Pobolic swerny - defence applications of Chad copters etc
Risks posed by new Rotohic breakth norghs -
1) Dystopian robotic swarmy with
increased autonomous operations
2) unemployment challenges - votots
replacing humans as workers
3) Mealth challenges - sobots functioning
as roubin tasks - lifestyle diseases. The Obself & Nighter et
4) lethal robots of chona - robot amy
Fordia should focus on sobotic manufacturing
Findra should focus on volotic manufacturing to boost exposts 4 domestic capacity.

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Q.7) Write an explanatory note on the causes and impacts of avalanches. Also, highlight the various strategies to mitigate its impact, with a special emphasis on NDMA guidelines. (10 marks, 150 words)

Volcan Natura large mass of snow braun Road

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Impact of Avalanches

I loss of lives & livelihoods

2) mass wasting leads to exosion of soil

3) triggers earthquebes 1 landshides

2) distruction of property

Strategies la mitigate

Bevention

- Bunding of slopes - CDRI for infra - engineering techniques

2) Preparedness & Response

_ "Sendor framewok" for DRR

3) Recovery

4 "Build Back botter"

4 Rehabilitation of affected people

Ardanches & Gwfs have exacer baked due to Uimate change. MDMA guidelines must be followed for page discuster - resition t India (Please do not write anything except the cuestion number in this space) কুয়া হয় ক্ষান মুদ্দ ক্ষেত্ৰা ক সুবাহন ক্ষান

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Q.8) Technology plays a multidimensional role in augmenting the disaster management apparatus of the country. Discuss. Also, bring out the measures needed to enhance the usage of such technologies in managing disasters.

(10 marks, 150 words)

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Recovery

Ly HADR ofperations using autonomous variles & Drone (g) CovID-13 medianes

Ly Lying Drone

4 Compressed Mospital droppath backage

Measures to enhance usage of such techologies -

Duse of AI for disaster predictions

Description of Big data analysis of disasters.

2) Doones as frontline warriers reaching difficult terrain

3) sharing of Best brackey (g) CORI

Community - based disaster management to follow & Sendard Page Francework &

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0	60	
0	69	Q.9) Outlining the various cyber threats faced by India, assess the state of the country's preparedn to deal with the same. (10 marks, 150 wo
J.		
<u>u</u>		In the world (Mr lakey meidents in 2022).
2		the world (18 later meidents in 2022).
S.		Cyber threats freed by India -
S.		Densomwate 4 malwates consupling files
2		in Jehren for money 2) Banking 4 financial frauds
5		Phishing for debit card details ete
7	3	Role of state-sponsored attacks
7		4 chinese Mss attacking India is critical
7		9nfra @ 2022 telecom attacho
-	4	deeptech attacks @ using deepfakes,
3	1	voice doning etc.
5	-	state of country's prepared new
5	1	CERT-In for checking vulneyabilities is
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	3) Resular training 4 capacity and
	programmes eg types - Swadita diwas
	4) legal measures - ITAd 2000 &
	DPDP Act 2023 for privacy & data issues
	3) Cyber Crime cells of Police of MINA
	Howens some launaes_
	dealing with new age coins wing AI & deeptake
	AI & derptake
	2) Roos justice delivery of high bendency of cases (~4.89 (1896)
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	India should adopt Notional Cybersevirity Avategy to ensure "Cyber Sanvaleshit Bhadat"

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Q.10) Explain how the geographical location of India makes it extremely vulnerable to the menace of drug trafficking. What are the various internal security threats posed by drug (10 marks, 150 words)

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Black Hole syndrome -1 converge of Myammas sponsored terror L State Internal Security threats posed trafficking finan cing tono & Drug traffickun Organised Crime Rig & unholy nexts of dongs youth potential Demographie dinatend disastes

India should incocase drug de-addictions curtres along with strongthening intelligence to curb drug -menuce. (Please do not write anything except the cuestion number in this space) কৃত্যা হবা কথা কৰিবলৈ ক্ৰিড প্ৰতিষ্ঠিত কৰিবলৈ ক্ৰিড

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Q.11) Inclusive growth is a roadmap to intergenerational equity, redistribution of wealth, and employment generation. Explain. Also, discuss the steps taken by the government towards achieving inclusive growth.

(15 marks, 250 words)

Inclusive growth rifus to both process and outcome where benefits of development are shared equitably. (UNDP)

Roadmap to intergenerational equity

Distainable development -> without compromising the needs of the puture

2) low Budget deficit -> low accumulation of Rublic debt for FRBM target -> 3.5%

Current -> 5.1%

Redistribution of wealth

Nortage state - progressive faration
taxes

Phome

2) Social security benefits to poor citizens 3) Capacity Building (Amastra Sen)

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Employment genyation to job- Intensine manufacturing 2) issues of jobless growth in service selor. Steps taken by government indusive growth alleviation foresty 6 rog 8 annus , PM - Gratilo Kalyan Anna Yojana fore food grain to ~ 80 Crose 4 Affordable housing for poors 9 PM - Aawas Yojang DBT to farmers & vulnerable households (8) PM-KISAN Employment generation ovo granmues D Revembing manufa chiring 8ector Make in India target - 25% ava (present-18%) labor intensive sectors boost technical textile

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Unster schemes for textiles 4 leather.

D' ITI industrial training & skill development through PM-KVY

hovever certain challenges -

- hurring manufacturing growth
- 2) High Logishes cost & production cost.
- 2 14-16.1.) V8 Chita 7-8.1.
- 3) Pour education outcomes due to low expenditure
 - er India -1 3.1+ of GDP US NEP 202 DE
- omation @ India still seport 2023 > ~5.1.1. grads are unemployable

India should boost PCI scheme with high capex and resilient infrastmehme to boost manufacturing prouts & premote inclusive growth.

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Q.12) Discuss the significance of Multimodal Transport System in achieving last mile connectivity, improving logistics efficiency, and addressing the twin problems of pollution and congestion. What measures can be taken to ensure efficient multimodal transport connectivity in India?

(15 marks, 250 words)

India faces high logistic cost of (14-16-1.)
having spill-over effect in all industries
and development is sues.

Significance of Multimodal transport systems in achieving last mile connectivity —

De-Autos Drc e-Autos

Fig: Delhi last mile connectively model.

) fromotion of Public transport -

4 lovering bollusion (Sox, Non, PM2.5 stc)

Is decongestion on over crowded soud

@ No traffic jary

- hrey Vehides & MoRTH seleased

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2) improving logishes efficiency
by allows development of efficient & weather
-tolerant roads
by High accessibility & affordability with droices
of transport.

Measure to ensure efficient multimodal transport connectivity -

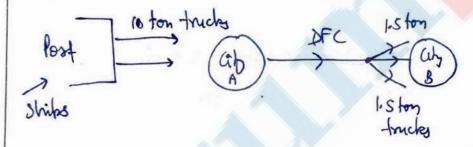


Fig: National Logistics Poliz 2023

Master planning of cities to ensure last mule connecticulty is deliverable go deliverable with Metro -> multiple lines with wide coverage

2) Promotion of Green vehicles - li-lon batteries, ev, Green M2 etc & Toyota Mirai — uses Green, M2

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Mudging public pos Authir transpost

De Mussian 4FF

4) Promotion of manufacturing (~18-1 (nv A) to 25-1. GVA

Pode — low enrission

nowenes certain challenges -

- brownfield is ones land acquisition causing high cost & haphazard development
- 2) Cultural & social altitude of use of bersonal Vehicles for travels
- 3) logistical challenges mul & spoke model

India should promote transpost friendly times and between inter cities travel to reduce logishis Cost. (SDG-11)

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Q.13) Highlighting the rationale behind declaring MSP, discuss various issues related to the MSP regime in the country. Also, critically analyse the efficacy of legalizing MSP towards ensuring financial sustainability in farming.

(15 marks, 250 words)

Minimum Support Die (MSP) acts as Rationale MSP 108 Statilises the brices phenomenon Colveb Prices MSP time -2) Swaminathay

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issues related to MSP _

- Distortion of market mechanism ->
 bries of Commodition not trased on demand
 & supply
- 2) Violation of WTO rules with Amber Box Subsidy & Buffer stocks, PAS ware.
- inefficient process sale of produce happens at formgate itsey, stofits are broked by middlemen & Arhtigas.
- Migh fiscal cost & obpostunity cost

 (2) > 2 labely crosse food subsidy support

Efficacy of legalising MSP towards financial sustainability -

Doubling of farmers income with better frice discoverius (exe-NAM parted

2) helief to farmer's woes

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Open anded procument However it hay plethora of negatives D fiscal deficit will shoot up (FRBM linit - 2017-) 2) WTO challenges (Amber Box) in implementation 3) lack of storage intra -1 x cold chair L1 ~ 18-20.). Roof Harrest hosses Spot exchange to hudge losses Stratery Agri-MCX e-NAM Firm laws allow to sell in allow selling to nation-wide mandis private parties FPO formation (4) SAFAL in Della @ nother Dary MSP is a temporary solution which must be augmented with Caper invertion in Agri setor

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Q.14) Food Processing Industries (FPIs) can act as a bridge between the informal farming community and the formal industrial sector, which can help boost the rural economy. Examine.

(15 marks, 250 words)

FPI is a survise seelos with high sate of growth (12-13 of. CAGR) becoming high employment generation sector.

FPI can act as bridge between informal farming community & formal industrial sector —

D Establish forward & Badeward Winkegy

Materials

Mega

From Primary

Collection

Control

(PCC)

PCC

PCC

fig: tent & spoke mode of FPI duster.

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(Specimen Answer Booklet - For Practice Purpose Only) 2) Reduction of Post-Homest losses (~18-20ab) Cold chain infra in PCC brice discovery to farmers with bre-defined contracts 4) FPO's Support cononiu Patanjali - sourcing from dusters of nural conony Creveration D Employment secondary and foods oro curing Doubling farmers income Shank Kumas Committee Istan demand 3 Burgeoning super joods (whey protien Encocased shelf-life of produce - lower post-harnest losses feg protard - mustard

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Wheat -> Wheat -> Bread siscuits etc Primary Sciondary Terbary

By: Stayes of FPI

However Cestoin drallerger -

I lack of <u>capital</u> quailability.

I MFP requires high shuestment

2) foor R&D India -1 0.7 1.09 GDP Us, Jung -2-3.1. 01 4.20

Souritary & Phyto sanitary issues

De pesticide desidue

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FRI sector must be actively promoted to soulble farmers income

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Q.15) Discuss the role of biotechnology in enhancing agricultural productivity. Also, highlight the concerns regarding the application of biotechnology in agriculture. (15 marks, 250 words)

Biotechnology refers to use of genetic engineering Bio-engineering etc to obtain derived results. I immense Horvest 20-20 -1- increase of your motivies

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2) Ashificial Pollinghors
It - Post - Harnest
D food Forlification (e) B- caroleur in Golden
for Nutritional sice security
1) In creased shelf life & Goods on in
to ordine mustiness of bruts for Indian mangoes.
Stubble and waste-management for Sustainable farming
Sustainable farming
@ Pusp decomposer in Delhi-NCR
Concerns organding application of Biotechnology in Agriculture —
I- Regulationy Concurs
L. Approval from GEAC signifed with long
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4 poor quality of seconds

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IT - Scientific

Is impact on pollinators 4 ecosystem

Ly threats of environmental ecosystem

Ly increased tolerance of pests

Bollgard worm become resistant

Li Supreme court stayed 8f-Brinjal due to concerns in genetic changes in food chain

Fromote R&D

India - 0.7.1.
of GDP

China - 2-30/.

programmes

Awaseness

High quality scientific 4 transposent field - mals

3rd heneration biofuels

Bio-engineered

Algaes

Biotechnology is key to India 's food security, Mutrihonal security & Energy security.

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10-16

Q.16) 5G technology is a breakthrough that finds applications across diverse sectors. Elaborate. How is 5G technology different from its predecessor? Also, list the various challenges associated with its effective rollout.

(15 marks, 250 words)

54 technology operates in narrow band
of spectrum providing speeds in
Vange 16810 to 2064/28.
breakthrough with applications in diverse
) Research in communications of Steam
array formation L Beam forming.
2) General human purpose such as video
stocaming without buffering
3) IoT & Smart Homes augmenting
IR40 capabilités (g) interconne des
duices.
4) Web3.0 4 Metaverse applications
Digital world

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5) applications 4 VR and laggines bedecisions at mer) 56 54 44, 36 & carlier low latency rotes high laterrey ~ 3-4 m8) (~26-30 Mg) lower speeds speed 1666 1648 20 ab/8 of Spetning Higher varye & - low sange Comigge lesser no. large no. of antennas antennas 54 vollout Challenges with Technical (Consige is sues - beamforming in rescal targe - requires large no. of Cuntennas

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2) Environmental impact - Migh Joequency sadiation impacting humans 4 ecosystem (of Confusion observed in migratory birds (Nature article)

3) Equity issues of dors and negligible sollout in hilly areas, mural etc.

Digital divide of requires 54 compatible smartphones of this cost.

59 sollout must be made industrie and further sesecoch must be done to nitigate its reguline impacts on envisonment.

54 can help India reach \$1 Trillion

Digital economy " by 2030

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Q.17) Discuss the repercussions on marine ecosystem and economy resulting from the combined effects of ocean acidification, ocean warming, and oxygen loss. (15 marks, 250 words)

Marine Biodinersity is faving unfrecedented to scat of extinction with exceptating impacts climate charge & anth sopogence activities Ocean Acidification Micrases raises temperative 19 Marine feat Combined marine econyetem of cotal rufe - expels 300 xanthellae Symbiotic selationship Algal Sloom en richment

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis. Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis. Specimen Answer Booklet - For Practice Purpose Only) 3) loss of Biodircraity - & Dugond & Critically endangered in India Critically endangered in India declare of Phytophankhony (aston Cycle distribed - 1 are emissions 4 dimate drange Repercussions on economy - Dess of Ecosystem services Is legitating envisonment of Caston yole remains only of foods of Shrings Australia 2) loss of Coastal ecosystem & pinens 1 horocased Coastal erosion of trucks	को में
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Sous of Biodirchity -> Q Dugond is Critically endangered in Frdig W collapse of Oceanic food chart with deoline of Phytroplanktony S (aston Cycle distribed -> 1 GHG envissions 4 climate drange Repercussions on economy— D loss of Ecosystem services Ly Regulating envisonment & Caston ycle Promisoning of foods & Shrimps Ly Restreties & touring	10
Conticulty endangered in India W collapse of Oceanic food chair with declare of Phytoplanktory S (aston Cycle distribed -> 1 GHG enissions 4 dimate drange Repercussions on economy D loss of Ecosystem services Ly Regulating environment & Caston yele Rowisoning of foods & Shrings Ly Resthetics & tourism 2) loss of Coastal ecosystem & fishering	7
Conticulty endangered in India W collapse of Oceanic food chair with declare of Phytoplanktory S (aston Cycle distribed -> 1 GHG enissions 4 dimate drange Repercussions on economy D loss of Ecosystem services Ly Regulating environment & Caston yele Rowisoning of foods & Shrings Ly Resthetics & tourism 2) loss of Coastal ecosystem & fishering	1
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with depleting tish stocks.

3) Tourism betenhal lossey

\$ 10-12 by losses of toursem industry in Coral reeps alone

4) decline of Agriculture productions
4. low marine exports - macked, tung etc

International Strategies Strategies

hahual Barrius Per Odisha - Mangrous

Francevoole (69-16)

Musion Life &
SDG-14

France Protected Ateas (MPA's) in concept with intergrational community for SDG-14.

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Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only)

Q.18) The invisible nature of groundwater is a major obstacle in the path towards achieving the twin objectives of building climate resilience and meeting the Sustainable Development Goals (SDGs). Elucidate. (15 marks, 250 words)

TILL I
India extracts -25.1. of world's ground
- water besources with 580-70 being
whised In one
whised for corrigation purposes. India
facing wost very orgin in history (cury)
extraction of hwistle nature low irrigation. Cusing tubewells, of Ground water efficiency Bushwells World Curry World Curry
wing of lavor de to the 1889 etters.
tuberiels, ()
Bush (~50-40-/9)
toos quantification average ~70%.
Bosewells Rose grantification world average ~70%. of agrifers
Obstacle in bruilding climate resilience
D high issigation subsidies in Agriculture
(9) Foce electricity to farmers
2) over irrigation teading to soil salinity etc
B Rujab & Naryana - des radetion of
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1	I lack of water supply adequately in cities	
1	D SAG-11 ocquires ocquiar tap supply	
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3	3) ineffective neasures in tacketing climate	
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3	mindful & deliberate use.	
99999	The second secon	
3	3) Hydrological cycle is disturbed	
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(Specimen Answer Booklet - For Practice Purpose Only)

Strategies to ensure climate resilience and SDh goals tackling invisible nature of Groundwater —

Ly water Bubby infra

Ly water Bills & charges for suppossible
use of sellic

Ly sellic

Ly tab supply equity of JJM - 55L/day

become

ingation strategies

Dishib irrigation - "per drop more crop"

Braft to natural farming & Bijaminha Jeeraminha

[Suhash Raleker]

3) "Catch - the Rain" compains & watershed management.

India must sevines its traditional vater monagement resources such as johads,



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UPSC

Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.

(Specimen Answer Booklet - For Practice Purpose Only)

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Q.19) Despite various efforts, a lasting solution to the insurgency in the north-eastern region of India remains elusive. Analyse the reasons behind the continuation of insurgency in the region. Also, suggest effective measures to tackle it.

(15 marks, 250 words)

North-fost region of Fradia faces frequent Insurgency and comed at mygle affecting 3.78 % of Country's bobulation (lensus 2011).

Siliguri Demand With Myanmar Corridor for Bordand Monipur (ruis 2023)

Fig: North East India

Reasons behind continuation of Mongeney

Development deficit - lack of broker educational & needth fractities by high dependency on Union fregula

2) Cronernance deficit - poor sensitivity (

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corruption in administration

- D Role of State Actors China & Pale
 - Go Paresh Baruah of NSCN (FM) refuge by Change by Change & weapons supply
- Narrohis issue nearby Golden triangle Laddiction
- Myanar trafficking illegal migrants
 Kuki Zo from Myamar, Rahvigyas from
 Barglades.
- 6) Secusionist fundancies for regional instalance and farture of Indian state

Effective measures -

Durhole of government approach
Convergence of all Schemas for holistic

durelopment. By DONER department &

minis ty

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उप्पीदवारों को

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(Specimen Answer Booklet - For Practice Purpose Only)

2) inteligence gathering & cooperation -Community boliling & community engagement.

2) Autonomy of Tribal Ascas (2) Cachar , Karti-Anglong segion

Repulatory negues > sched ASPPA in peaceful regions (Law commission)

5) Winning Neaster & runds approach with social Capital development.

extremits & ITBP

India must lunge ["Act East " policy for suprastructure development (Roads, telecom) and connectivity projets (Kaladan & IMT trilateral highway) implementing 8ex baruch committee recommendations.

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020

Q.20) While developmental initiatives have a significant role to play, they alone cannot root out terrorism/militancy in Jammu and Kashmir. Comment. (15 marks, 250 words)

I kashmis cannot be won with of sword but with power of love - Kalhana (Rej Farangini) Jamme & Kashnir has faced Military & cross-border ferrorism independence. Since Muskaan & Nayi Roshon' scheme for education & Atrogation Shill development \$ 18+370 Smart Cities Mission integration with (heaven on Earth" main and Development initiatives lacking rook his but military & terrorio 1

am Bilt

Role of Otate across -, Pakistan

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for torronot bunchfade on other side of Loc.

2) Role of non-state actors -> Hashat W-Myahodocy, M-gaeda eto

3) Radicalisation 4 spread of extremism 1 Islamic fundamentalism

Religions fundamentale of Pak

Scular nature of

Identify Crisis Kashmin youth

Kashminiyat tig: identity crisis

insurgency and infiltration Chas - Bordy Bosdy monitoring is sues in forain due to tough

Chois of legitimacy of Indian state in Kohnix Valley , lack of local support for intelligence (Please do not write anything except the question number in this space) कृष्या इस स्थान में प्रप्न संख्या के अतिरिक्त कुछ न लिखें।

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strategies to effectively root out militarry

Doubling "with ning teasts & minds"
approach with "Bullet for Bullet" opproach

Is reformation of willing military & elimination of radical hardbiness.

2) establishing Indian states as legitimate agent of development & socio-economici fransformation of Boosting Tourism potential

3) Bordy Fencing - laser techniques, Drone monitoring, BOLD-QIT

DE Education & Shill duelopment

Reant theatrical shift of militarry from Kashmis to Jammu signals tactical shift which must be thousted with increased. I troop mobilisation L beal support.



Mentor Feedback Questions

Sho 1	uld I focus on handwriting more?	
Wha	at can I do for better presentation?	
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Test Go	oal	Outcomes
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Marking Scheme

Mark	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
20 Marker	7.75 - 10	6 - 7.5	< 6
*	Key / Relevant Point Vague / Irrelevant		
*			

^{*} Subject to change without prior notice.