

Giving Wings To Your Dreams !!!

GENERAL STUDIES MAINS EXAMINATION TEST SERIES: 2019 (COMPREHENSIVE)

| | | | 2-101-0-0 | | | | | |
|-----------------------|-------------|-----------------|--------------------------|---|--|------------------------|--|--|
| NAME OF CA | ANDIDATE | Vishal | Narwade | | | | | |
| E-MAIL ID | | | M | OBILE NO. | DATE: | 21/07/19 | | |
| REGISTRATION NO. | | | 1 222 | | | 21/0//10 | | |
| TIME ALLOWED: 3 HOURS | | CODE: 1914 | PAPER : CT-3 GS 3 | | | MAX MARKS : 250 | | |
| | INDEX T | ABLE | INSTRUCTIONS | | | | | |
| Q.NO. | MARKS OBTAI | NED MAX MARKS | 1. Do furnish the | appropriate | details in th | e answer sheet (viz. | | |
| 1 | | | Name, E-mail, | Name, E-mail, Roll No., Mobile No.). | | | | |
| 2 | | | 2. There are TWE | NTY questio | ns printed i | in ENGLISH only. First | | |
| 3 | | | 10 questions c | arry 10 mark | s each whil | e next 10 question | | |
| 4 | | | (i.e. 11-20) car | rv 15 marks | each. All gu | estions are compulso- | | |
| 5 | | | | ., | • | | | |
| 6 | | | ry. 3. 10 mark questi | ion to bo wri | Hen in 150 | Words. | | |
| 7 | | | 3. 10 mark questi | on to be wii | :::::::::::::::::::::::::::::::::::::: | Words | | |
| 8 | | | 4. 15 mark quest | 4. 15 mark questions to be written in 250 Words.5. Any page or portion of the page left blank in the Question- | | | | |
| 9 | | | 5. Any page or po | ortion of the | page left bi | ank in the Question- | | |
| 10 | | | Cum- Answer | Cum- Answer Booklet must be clearly struck off. | | | | |
| 11 | | | 6. Content of ans | wers is more | important | than its length. | | |
| 12 | | | START TIME: | | END TIME: | | | |
| 13 | | | MODE OF EXAMINATI | ON: ONLIN | IE | OFFLINE | | |
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SCAN SCAN

| PARAMETERS | 5 | 4 | 3 | 2 | ar could be a |
|------------------------|---|-----------|-----|---|---------------|
| Structure/Organization | | 2 7 7 7 | | 2 | |
| Language | | | | | |
| Presentation | | | | | |
| Context | | 6 : | 5 4 | | |
| Content | | | | | |
| | | - 1, 1977 | | | Way SING |

TOWN SHOOT TOWN

Jam July Hobile, CHROME IAS

high 14 cost

1. Zero Based Natural Farming (ZBNF), seems to be a promising solution for agrarian and the environmental crisis. Discuss. ZRNF is havel concept draft -> Yp cox b given by Subhash Palekar, for agricultural Litress Agravian & environmental How ZBNF offers & Crisis Sol 4-tich mosstave conservation - drought - Even successful farming in low water times Integrated management Soil Lealth Leteriarated of soil, land & water resources persistent, income . ngvi hot prolitable, generation uncertain Agro-Forestry is To expand agriculture integral part of it. be need to iteas Let trees grow as fore) ts Forest grows on themselves

to achieve before between Leveluphon put us- environment Lebate. When farmer suicides is increasing across India, Subhash Palphan has implemented ZBNF in states of AA, Telangana, in some parts of Mahavashtra— which are semi-civid. Results show that agricultural productions has sustained.

have 3 sd agriculture-vailled, 28NC assures climate-smart agriculture

13

| 2. Discuss the various types of cyber-threats that India faces and the implications of cyber security challenges on the ambitious Digital India program. | |
|--|---|
| As per CEROT-IN Lata, | |
| eyber crimes & threats are increasing year | |
| by year | |
| year Incidents | 1 |
| 2019 44,000 hot gord for | |
| 2016 50, 200 Dign 41 | 1 |
| 2017 - 53,600 Indice | / |
| | |
| Ransanware | |
| privacy lyber was | |
| | |
| Mulets Hulets | |
| critical chiens online | |
| AT er C. | |
| gruf. altack usus | |
| websites | |
| Mia Las been positively | |
| implementing National Cyber secutity | |
| policy sha vol3. | |
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Ambition of Digital How Cyber security India program challenges have impacts Knowledge-led economy Busifiess will not feel confident online privacy of indudual Digital Supowerment of Compremised Citizens Benefits of public Infrastructure as utility services will hot of services to deliver reach intended public seguiles dercrease partitipation e-governance in granance We need urgent active Digital Army to be created skilledaffensive l'defensive to protect Indias interest. Include all stakeholders 1914 A Palleons

3. India needs robust energy architecture in the wake of recent fluctuations in the global oil prices. In this light, what should be the major components of India's new energy architecture?

Energy security is lifeline of today's energy-intensive socio-economic development of India. Already, during Gulfwar in the past we have enthessed has dependence on outside mestes problem.

Recent Hucknotions in oil prices
hamper our import bridget of their cascading
effect on overall planned developmental
initiatives. Thus need Energy—architecture to
stabilise oil/energy economics. Also recent
sanctions on Iran—uplifting of impossing—
always creete dilemma for India to import oil.
When India going to be energy hungry
as most-populous by most, need comprhensive
policy architecture reflecting all
statetholders, efficiency use of thersy, etc.

Comparents of India's New energy architectures - Diversify energy-basket - reduce dependence on oil of Coal -> Rationalise energy - use subsidies egelectrity - smprore Renewable energy share - solar, wind - Harness new evergy -) ocean-thermal difference energy, geo-thirmal energy, wave Chergy, - Use advance technology like Piezuelectoic effect - pressure-based cherry - therey we efficiency should be pastifit Compultary Energy audit by independent third party

tuture wars going to be for energy Lemand. To avoid, future issues, we held to step up our efforts or increasing renewable energy share-which is our ct-3/19/4 availability.



4. What do you understand by the term Microfinance? Critically analyse the contributions of microfinance institutions to rural development of India. Credit for Ghahcial inclusion harin styticuras in Stationer Bunks MADARD Gut Millofhance Micro-Khana refers to the credit facilities offered by sperified by organisations life mjorofinance in statition, the Credit amount isysmall. Also, beneficiaries are generally small-marginal farmers, weaker sections, ex Original intention of emergence of Microfrance in stations was to reach out to varal areas - those excluded from till now institutional credit. Custorbutions+ - MFJs = Micro-finance institutions have positively contributed to energence of

So many SHG groups in maral India. - It has led to women empowerhentas meximum benefits in shit are women - Their dependence on monytenders have decreeses as MPI gave credit reduce enflotation of foor. - maximum benefits in 4. 5. when states - RBI positively regulated MPIS - Miso, for reducing poverty by 15-1- 14 + 4vs, on MFIT have contribution. On other hand, mets lend at very high rate - as high as 24-6. This Assourages vival credit. Also, before RBI NV regulation, there had been matrhationing. Ironically, study shows MFZ moving more towards urban areas. There is no monitoring that credit taken is used for intended purpose Roral development definitely restrictured, better regulated

10



Despite abundant rainfall, the irrigation coverage in the North East Region remains less than the national average. Comment.

both times - abundance of scancity of saintally, lecause India gets monsoon they for 4 month of year that too with brobreaks.

Despite N-E India receives mae rainfall (around zooo sin) more than (1100m) national average, irvigation overage is less At national verel, we have 48%, land irrigated-There has been ters implementation of irrigation projects by state governments of It is state subject. ALSS, in central budget though NUE region gets Pxilustice tunding, byt within N-E region, fund utilisation is skewed, maximum in Assam only. Due to scappied population & agriculture fields, making NWigation Economically Nable is challenge

As confo

for irrigation facilities, no active pressure
grups or ribrant civil society.

But to abundant vainfall, very
law priority for irrigation: misplaced

conception.

Alsy farmers still has much
practice intensive farming as compared to
ratheral arrange. Thus intensive cropp need
more irrigation: hot case in North-Rest

India.

- Early start advantage to vest

65 Mia - Command area Development

programme, Accelerated Invigation project ->
taken national average better than NN India.

Also, Green Revolution by passed NE India.

Future, a sustainable agriculture

Climate change is very uncertaint

India need, assured irrigation in N-E,

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the mighing his

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6. Critically examine the challenges that private sector faces in defence sector. What needs to be done by the government in this regard?

before production

Defence transportation

Jechnology in (rustructure)

Challenges Acced by private sector Foreign Done Str - No level-playing hald as maximum spaceto public sector + PDI still just allowed to ug - 74-1. in limited sectors of Le Pence -) Still Regulatory approval & clearatices que cumbersome - Trust deficit by gat. J'Eimits on investment 4 no Certainty / predictability of policies

Government held, to be done La Art as facilitation, promotez, along with Regulation 4 make it India implement hilly ocqually to defence sector, as cere have huge import 4 Ensure level-playing Field by prolicy Changes is Share global best practizes of other successful contris participating private sector in Le fence sector y tax incentiver Stase of Loing business. we definetely need sateguards as profit-oriented private sector may compromise quality with defence sector cehich will endanger safety



| | 7. What are the various threats posed to India's national security by prevalence of orga- | |
|-----|---|--------|
| Į | nized crimes including cross-border drug trafficking? Discuss some strategies to curb this threat. | |
| | | |
| | yand remitmined drugs | |
| | you sermited | 1 -0 |
| 1 | organized cumy | Spire. |
| - | FICH CGHO I M | |
| | ruman (affle la monte | 1 |
| | Hower Journe | |
| | 1. Overnival crime. | |
| | As UN Convention on organised crime, | |
| - | M ook | |
| | threats- | |
| | 4 organised crime increasingly linked to | |
| | Laurice pp. Mymber Black 1993 | =11 |
| | Granel economy - economic secarth of stehe. Social disharmony with court of stehe. Gard internal security threats - himarring | |
| ر م | The Could of State | |
| 1-0 | and disharman y to logar on | |
| M | 4 And - internal security threats - hinarring | |
| | | |
| | of N-E ixsurgents by drug makin of | |
| | Golden triangle in s-EATA | |
| | & Faels Arm, de stressle - Privalia Arms | |
| | To rate y | |
| | Long case - 1985. | |
| | | |
| | CT-3/1914 | |

- Cross-border dong hasfriting in tungato Idrug additt will involve more in crimes strategier 1 Tater-state police coordin than 6 Better bilateral platfims like-BSF & Bangladerh Guard Fine to ensure [not illegy/ migrants with Ings] 3) Tech Rulogy use to suprise bushen a Eract & impliment acts like - MACOCA, 1 Capacity-building of enforcement agencies 6 Learn from colombia- open for talk to solve extremism - organized evene link We neld global approach to Leal with increasingly global nature of organised crimes



What is the difference between FDI and FII? Why is FDI considered more beneficial form of foreign investment for the economy as a whole? Investment models E(B CHA) Neglius. 801 FIT DI companies, organisation in Antutionay invest Thester Short ferm long-term Hot money Stable mostly rapital Bunds with other benefit technology transfer, skills P-NAes Issue Better to resylated Grobalisation beright to all

Bom above differences, it is also lear that FDI is more beneficial than sor in many ways rot binhips to bring long-tein structural (hanges in Indian economy. India was 3rd largest gaines of post. In recent past as 14 help, to build intrastructure - herd of pertondia. Also be learn fromtion recent to technologies, HPD global econo we need to have stable toreign-juvestment regime, post-1991 to regulate offertively issues like P. Notes's negative impacts



Define the term "Big Data". Suggest ways in which government can use big data to improve service delivery?

Big data is reles to information-intensive useful impute minted by Specialists which have multiple uses in many areas of economy & goverhance-How it helps gover hment -- Better Letailed in Ermation of benthing of public sentles - do away with & legkages - Improved transparing faccountability Interned Lecision-making by Public Servants - improve efficiency of public storice delives 4 - Reach to ynveached. Huye Dola



- Finding afternative more effective ways of delivering services

- Othmately, economic good Governance that includes precision-based, objectively delivering senses, and thus achieve goal of shelusive

growth

stove to use maximum - the benefits or recent scientific developments lite Big Defa-Byt need skill upgradation of public secondants we have the secondants of public



10. What do you understand by 3-D Printing? Write down the applications of 3D printing technology in the environmental and pharmaceutical field.

3-D printing is recent technological development. - helpti having 3-Dimensionel perspective of reality.

knut

Applications = Chriscommental impact assessment

- Pharmacacherri- clinical pres

Phaemorials

+ Environmental decision-making

about all state lolders pesspectile.

a medical efficiency & effice 14 of

dings.

- Precision - medicines - evolving

hip 11

Encironmental audits

Solvel everte Gernaled

Looke Callefiel

Confe rest calleful

Theoted

And from Pood side

Carloge himps.



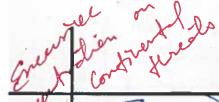
11. Improper Solid Waste Management is the time-bomb ticking over Indian cities. Discuss in the light of rules issued by the government regarding Solid Waste Management and e-waste Management.

Urbanisation is a necessary evil as it brings with its negative fallouts. One such important aspect is solid wastes that are bring generated by cities ucross India. ab And with increasing use of ICT in all fields of life, there is increasing menance of e-waste that includes cadminn, merrary & other metal containing electronic appliances that we use of Jump. proper contention sogregation attention level Dimensions of e-waste & sill weste management processing in

is the time-bomb tilling over Indian cities as

it demands quick response on was toothing from all stake holders. In this regard, governments have came up with Rules for sviid-waste management & ewaste management in 2016. 4) As India already have 31% urbanized population (census) & gring to increase occasto generation, heeds urgent steps - As Rules said - there should be Extended producero responsibility to deal waste management in sientific way. This is because producer will buy-back at predetermined price of treat India ging to be most popylous nation by 2028: UN - rules laid down ase at appropriate time that there should also be citizens responsibility to reduce, reuse of recycle solid waste being created. -Rules have rightly added rural areas under ambit as increased penetration of technologies in rural greas have been contributing to e-waste production.

- At prisent, we need to increase Capacity of solid waste, at processing plants-Rules addressed this - Ryles should also have spenficilly addressed a use of technology in dealing with solid ! waste management eg. Ahnedabad Myhiripal corporation treating 100 million tohnes/day solidwaste using sludge-hygenization technology - Also, to huance, rules would have mobilised CSR; to Sigle of waste management. - Considering health impacts, environmental Legradation, bust opportunity in creating energy tran waste, we need to implement Ryles on argent basis. To Sucess) in this approach, stateholders all concerned new to come together to fight against menance of waste inquagriment.



12. Maritime security has remained a neglected domain in India's security apparatus. What are the various challenges posed by it? Also discuss the components of India's maritime security strategy.

India's serurity threats

internal

PKErhally

internal

9xtpvhas

1hterhally exterka!

Ore the years of evolution of strategy, maritime security remain neglected as out

perception of threat was from 19nd, air, on basis et previous major threats ue faced.

- like, After Mumber terrar affack, wos

we got rentalised our maritime security dockine. There was coastal security schome eaglies,

but it was not implemented properly.

regligence is also endent from fact that

There was no cooldinating agency to

deal with overall marifime security threats.

there was no dedicated fund, initiations

ugal of technology for maritime security.

Challenges possed by it-

4) Vulnerability of coastal installations like hurlear power plants, space stations, etc. These are withcal infrastructures

4 see was used as mo means to enter f ther carry out land based attacks like mumbai Blast, 20 1993, term attack of work

-> Illegal migration via sea/ especially coastal be have From km mejont 7 chich to

-> Challenges for security of air island

tentones - Andanan & Nicobar and latishedureep eg- due to negligence, It is

Jound that many illegal migrants, anti-hational

elements have hideout it uninhabited

Tslands of India

-s threat to our marketime -trade, piracy

- Also, a instability in our maritime

neighbour countries easily enter info

India.

K'SSM 7 NOW

96-1. A trade by Godon Composents of India's security stratesy-Crastal sounity = coast quard to & countroises Island security condination work frintaffacture (Components tishing whomeny capability privary like threefy manpower Level opment Sea-vorte ferrorism Accordingly, Coast-grand, (E.Et), Navy in High seas, Go marine police in tempiral weter here been given responsibility. Coastal security scheme has been veramped アンナーセンン8. We can ho have neglect maritime security it are want to gain bets benefits of lane-revolution f degraper por de



13. By freeing production from its dependence on labour, automation may turn out to be more disruptive than the previous episodes of Industrial Revolution. Highlight the prospects and challenges that India will face in light of the Fourth Industrial Revolution (IR 4.0). What should be the policy response in India?

India at present have highest rate of unemployment (6.19) and heed to create 1-1-2 cr job; newly each year. We are already witnessing me less-job growth in spatia. We ideally In direnced of Labor-Intensive industrial AArstral inteligence or otherwise will turn out to be disruptive for Labor markets resulting in economic cristi, social tensions, etc. fourth Industrial Revolution is hisian of technologies evolved fill now As compased to earlier trevolutions based on steam engine, electronic, Information technology, fougth will have more impacts across globe of India.

Truspects-7 - Benefiting him advanced technologies - Better efficiency of production for businesses - Cost-effective products for labors - Better like of leisure, choice in one for person - More linkage with Globalised market f thus benefits on both demand of supply side Governments with have to Letiver more with homedacionnability, expantizipation of netters ih governance - Better quality of services, timety response * challenges is beamic inequality will vise as beneficiaries uill be innuation, screntists, 4) tap between nightskill high pay of busking Lowpay will increase. - skill-sets will get outdated sown, demanding continous apgradation & India has only 2-3-1, worker received formal training Skill India Report

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-s e-literacy very low in India - Already , only around 30 / pupulation have Digital Internet access. So how that have hot gap will inchesse _ Digital exclusion Purcy Responset. Remont SET pulicy with Labor Policy, skill India mission - Utmost priority to developing sets of India -) Need to have comprhensive Employment poticy reflecting such developments - Ecncerned all stateholders view in policy-making & por implementation. -) Speed up make-in India, Dignal India, we should gradiently accept fourth Industrial nevo Litian, considering our domestic concerns. Distecting national interests In this glabalistd world.



14. The widespread use of social networking sites comes with considerable security implications. Discuss some major security threats and the measures to counter them.

Social media = the Pastiament

of netizens with all its positive aspects—

socialisation of governance, boossting

public accountability, Past spread of information of

it has negative side also. Internet penetrafian

is already increasing with reaching 30 127

of population.

Widespread use

Use for positive

- Communication

- khouledgg sharris

- reople road by

IN THE MANIPUR MG 56

- e-comperce

- P-guerhance

Use for negative

- rumours

- mis in formation

- online bylying

- frauds, chanting

- gildiction

- online games lecis to

death



major security threats from social networking 4) Instant spread of rumours, milithormation Sites + eg. N-Epeople exodus in 2012 cawed lawf order issue 1) plate campaign circulated - Mutaffavanager viots 12 2013 4) Online radicalisation, recruitment & purpagande by terraist varganisations like ISIS had social media wing 9 Distant - planning, communition of execution of anti-national activities by extremist groups eg. Pulwama tetrar ste found use of virtual sims - Anonymity crester problems to trace - Cyber byllying, stalking of women measures to counter-> - Regulation is key to filter security concerns, because it needs technical expensive.

-) Awareness among netizen users - Dys f DONTS while using social media of collect as cyber hygiene by Paris call -) Implement cyber security policy, 2013 in to 31 -> Capacity-building of cyber Police & establish Spirit more cyber-police stations -) After 17-66 A repealed, buting new legal backing -> Condination among organisation- CERT-IN, -, Réduce dependence on imposs of electronic NCCC, etc equipments why? - All stakeholders share information-PM-Social media is a double-edged Sword. Future belongs to it That we need comprhensive preparedness to gain maximum as a nation in 911 fronts.



15. Despite its great need and importance, organ donation is miniscule in India. What do you understand by organ transplantation? Discuss the challenges and measures to increase the organ donation rate in India. Organ Lonation is considered as (reeq) of high value as it helps to better life of others after one's life also Need & importance - reache of people die in Indigrate to organ malfunctioning - kidney, teier, etc. - Disabilities of eye, for example can be - medical ethics prescribe for it & our policies 9150 support it as It is moral 40thusty - Increasing instances of non-communicable Isleases in India - heart attack, kidney failure -) lose of bread-winner impacts while family. pespite this need, - argan donation is -> Religions reason - His not considered miniscule Liere to--> Lack of awarehuss about importance of this worth act



organ needs to be taken out within times.

Organ transplantation— means by replacing one's omather thonsing organ or which is absent, by someone else organ. This shrolves mathering of some characteristics of Lonce of receiver— like blood group, etc. It involves transplantation of homehuman organs into human body also.

Challenges & to increase argan Langtion:
O How to reduce religious milconceptions

- auckly collect & store organs in god facilities
- (3) Improve awareness
- (4) to ensure than organ donation does not add to immoral trafficking of human for organ trade.

287 C.Ju



@ How to incentivise people to donate organ via policy measures mersues to be taken to @ Mobilise Wall workers_ ASHA) Arm to weste awareness. 1 Highlight care-studies that giving eye to others does not lead to blindness in hext birth - influencial social person 3 Persuasion ortechniques. @ Rde modelling (8) Leading by example - eg sarpanih In village fills Ferm of organ Lonotia - it will motivate others & legal of policy reforms forthis Degin from the global Lest practiles Oh. In this scientific world of rist century, organ Lonations need attention on - health, moral perchamic grounds.



- 16. In the context of Food Processing Industry, discuss:
 - a) The Objectives of Food Processing.
 - b) Growth drivers for food processing Industry.
 - c) Its impact on rural economy.

Food -processing 75 Syntise Industry in India with let of potential.

a dijectivests to reduce food wastage by increasing shelf life

- to add nytritional value to food

- to add to exports. Everign exchange

7 denand of avlavisation, markets due to

· Changing life style

Add to doubling farmers' income

Diversification of employment opportunities

+ women empowerment

- Buckward & forward linkages & trengthened.

add quality & safety of food by improving packing, grading of

Fort products (FSSAI)



(b) Growth I vivers -- India - Foud surplus - Ean provide vaco material for find processing industry. phost population by & zors acc to unthus domestic demand - Urbanisation increasing & lifestyle chanse, food habits - more demand for - increased purchasing power of people - Conductive government policy - Mega FOW parks (42), cold chain in frustnetures under make in India investment has increased by 9-1-1. in this sector - ravourable investment climate = Pt World Foul summis- Indig vanked as favourité destrication. Thur private sector paratipation has increased -) 100% FDI alland 1 e-commerce post ulcomed in ford procesus producti.

CHROME IAS

(c). Impacts on varal economy --1 Employment to 3 dt 5-3 lakks (SAMPADA scheme + reduction of post-harves+ 10sses are at present of go, ood CF RJ. Increase in farmer income To Rural Comen Economic Empowerment - 1 R4 val economy withesses presence of wo international players like Britania, Pauler F -1 creation of intrastructure. - inclusive growth find processing really has potential to address agricultural & reval distress in India. Le are on right way & headsn'to speed up our implementation.



17. What are the various generations of Bio fuels? Why are the previous generation bio fuels seen as a threat to food security? How do 3rd and 4th generation bio fuels manage to address those problems?

Energy basket of country has kept expanding according to demand & evolution of alternative means of energy security. Recent to this list is bia-The generations of biofuels refer fypls to time-vise development of biohiel Sector based on changing source/input to geherate bio-full. 1 st generation biolivel- used food plants. a) souvre to generate suel eg sugar cane 2 hd generation biomel- used non-food plants a source eg. Jatroper plants But these two were seen as threat to ford security be cause --> In '1st generation, there was direct divergence of foot plants to create

food plants & thus reducing availability of them for consumption. In and generation bicfuel, though it was non-find plants, but land is a scarce resource & to cultivate Jatorpa like trees consumed land & thus reducing cultivable area for Food cosps. Thus hampering food security of India. This is especially relevant when we have guaranteed 57% repulation right to ford under NPSA Act. And our population & that demand going to increase by end of this Eentury. Thus neither we can afford directing food wors nor Liverting land for non-food crops. India daily of more than 20-1. population is DPZ that needs hytoticnal security

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along with food security.



How 3/2 futh generation address these problems _ is these generation bitefuel use innovative ways like Blue-green algae to generate bio-fuels - Also, trisue culture, use "to get Lis-agrect to produce fuel. This does not hamper ford securify o Greihment is rightly aiming For 10-1- ethanol blending that will help 45 to get clean Riel & reduce our dependency on oil impost for energy. Thus, biofuel production helds to speld up but mut the Energy Good Security ear should not come 9+ the cost of food security.



18. "The Aadhar-enabled PDS has created new barriers and glitches undermining the promise of efficient, error-free, and transparent service-delivery. Critically Examine.

Hunger pos farmer remeration pourly ford inflation

approach, PDS is being implemented since independence. To improve efficiency, over the independence. To improve efficiency, over the years, we have carried out PDS reforms—
TPDS (1992) to Aadher-enabled PDS how leading to Revening of PDS.

How Andhar-enabled PDS has created new barriers—

making hadhar mandatury has ted to denial of PDS benefits to those whose Anathar was not linted to ration card.

Ultimately leading to Starration Leath in



Thavkhand. service delivery -> Promise of error-free failed because Point of sale machines did not work all times - Still end- to-end computer/ tation of fair price-shops hat done (85.64, completed)-) This is pre-condition to get themeby associated with Aadhar. - Therhet Pacilities still not penetrated all villages 4 also ho warking consistently -> Awareness generation should have been due earlier. Impossing Aadhar mandating will be efficient from government perspective but not from beneficiary perspective. A How Andhaz-enabled PDS dues not under mine promise of ethicient, transparent service delivers - Atalkar Leads to higher accountability

CHROME IAS Giving Wings To Your Dicams ***

of Fair price shop owners to Letiver PDS Levelits timely-- There is Annavitarana portal - centralised monitoring over FPS - A160, Aadhar being unique ID climinates ghost-ration cards, thus improving efficiency - Andhar - lags down platform Par one nation-one Ration card - Transparence is increased as everything is online While implementing Aadhas, there may be errors. Thats why role of human in using technology is important. Technology cannot replace manpower, when out of IRs, early 46.7% leakages are there in PDS (Shanta Khingr committee), We Lefinetely need Aadhar for PDS



19. Explain the role of Agricultural extension in enhancing agricultural productivity and profitability. Also enlist the focus areas of National Mission on Agricultural Extension & Technology.

Technology missions have always been inparament to India's Levelopment since 7th FYP, in all spheres including Agriculture, to havness benefits of technology revolution of 21 Roll of Agriculture extension of farm produced

3) It leads to 1. -) It leads to taking recent technological developments to farmers, adding up efficient use of resources eg. 507 Health -> e-terhnology in aid of farmers to geherate awareniss among farmers I thus facilitate informed decision - Productivity is increased as vight, timely & relevant inputs which erre most



suitable to that agri-climatic rome of Cost effective - 5MS band weather Information reduces & income loss due to uncertain monsoon f adds to pro htability - Imigation intensity of crop intensity thereeses thus farmers can take merethan two cops a year he to extension services benefit * National Mission on Agricultural Extension frechnology has 4 submissions which refuelt its focus -@ seed & plant material improvement -To give high-yielding seeds; suitable to land demand & local exopping mattern. Alto traditional seeds store in scientific way. eg. seed village scheme in Kevala 6 plant Quarantine - to mote diseasefoce plants & reduce expenditure on plants

pertatack, etc.

Agriculture Mechanisation - At agriculture
labour cost involved is high & also we
have very low agri productivity as
Compared to China, Japan, mechanisation is
need of Carrhoner.

Agri. Oxtension & technology & Lab to

Starm - generating awareness among

farm - generating awareness among

farmors about recent technologies & help

farmors about recent technologies & help

them to adopt them it agricultural

practices

In era of globalisation,
to be competitive, Indian agriculture

Sector needs technology intervention to

Sector needs technology intervention to

yltimately achieve our goal of

yltimately achieve our goal of

youthling farmers income by zon

by impuring productivity f

by impuring productivity f

pro litability.

W/

CHROME IAS

20. Despite several efforts, the Maoist violence in India is far from diminished. Discuss various security measures taken to deal with this issue and evaluate their success. Also suggest what more can be done to deal with this problem.

Maoist violence is refrected In many states of India; from Naxalbari to how in what areas also. It is most important internal security threat to India as by Firmer pm of India.

Various security measures taken -Us security Related Expenditure scheme - to up grade a infrastructure in maoist-affected Lithicts attenloyment of CAPT, CRPF especially + state=giverprents like A. P. taken step of forming special force-greyhounds - Chattisgark formed Bastariya Betallions,

Salwa sudamin past - modernisation of police-stations in naxal-

affected areas. - Farming women - exclusive force to loap

with comen omasists

- Eugeratia with neighbouring hading

Success - As Lata from, Maxaul en or Home affair. 4 the ha Ly Now, maoism is only limited to 31 districts of moliq - Deaths of civilians has reduced - As compared to peak time of 2010 CRPF I jawans death, now very less mortality of security personnel - Success of Greyhound force in Ap has almist o climinated nagoalism from these Bikar also witnessed drastic decline eg. Sandesh Work, Asadwar projection Jehanabad-successful - West Bengal - successfully implemented 1 Rehabilitation & surrender policy - Number of incidents there reduced by I mare than half-1 But all above Juccess Cannot Le attributed only to security initiatives Bout also- Levelo 12 mental aspects.

Byt Lespite there efforts, mostly are never in Dandakaranya, Gardéhiroti of maharashtra & expanding to 416gn avers.

Ly Courdingted approach of all state police as trysunction theory helps marity

- motivated police resonnel should be doployed
- Leso Replicate greyhound mude!
- Deepening the democracy panchayat elections.
- -Use DAV to monitor mnements
- = Recourt & givendered in police as they biffer
 Know terrain-

Marish is symptom of publican we need to address governance & development telizit. Why marish does not occur in 12 parks of Gurggon, Markets of Gujarat