### Pradeep Barnon 26 (12) 2020 MAINS MOCK TEST- 11 2020



### U.P.S.C

Q1 Illustrate the potential use of Nanotechnology in agriculture and defense sector in India. (10 marks, 150 words)

He Hand technology is abranch of science that deals with usase of atoms; subatoms too different application at man level. It is one of the most emerging to ranch of science due to it's usage & Esticieny.

Potential use of Homo Lecturary in Apriculture: -

- In spreading perticides in field
- -) In developing reneticely modified seeds;
- of Ou accenity Soil Health
- Tor man Production of crops; they

  Can everp in inversity esticiony 4

  Productividy

E1- IEAR is collaborating with Diracl

January Against



# U.P.S.C

Low making crops more water-resilient a using nanotechnology to develop alternatives

### Du defence Scctor

- Con help in hiding them from NADAR
- -) USA'S DRAPA (Defence Reseau Academy)

  is developing small Florno- weapons which

  are very ministrale in Size. Small Chicke

  are mandacting small weapons which are

  distilled to detect

on used for Uses Purpose to quide the prox

These technology can help

Sudia; considering the location of Sixchin 4

9 20-54/24 ejic einposteme tog I win . Conclusion:
Weak

marks:3.5



# APTIPLUS Academy For Civil Survices ent IAS Academy In Lastern India Binace 2006 An 150 9001 ; 2008 Certified Institute

## U.P.S.C

Q2. In light of recent Supreme Court order, comment on the challenges in the regulation of crypto currencles in India.(10 marks, 150 words)

These current uses Blockchain 4 alt (Distributed legisla techniques) and are trea from any regulator like contral Same. Eg., LIBRA: By Facebook.

- -) Sudia constituted S.C. MARM Committee to review the challeges of explocurings which suggested to san oxypto curious which suggested to
  - -> RBI sussermenty bourned cryptocureines in light
    of the some
  - I However; Supreme court diffed the Glanket Dan on all orypto cumeines.

challeges on Regulation of crypto currency:

I too they are not under any regulator so.



## U.P.S.C

- There is no any need of Bank as 3rd party to constru orthanct any payment or receipt.

-> Every payment is settled by the system itself) hence no any frankation Cost; hence Cheaper

- There is issues related to privacy; dovte leallages etc.
- -) AMO; incore of any mishappeny; who will regulate 3? Eq., like in Saul; RAS Comes into picture as "( Cart Resort")
- -) Still it is in Hascent stage, there is no any legy lanes ( act to regulate it Fronener, Japan las solutions

Also provide few

already Sanctioned erypto Cumery. Heed of time is a regulation which can accompande the Genuie uit evert of all breitelisters. Good

marks:3



# APTIPLUS Academy for Cod berrices Fort 143 Academy for Cod berrices Fort 143 Academy for Enteres Inches Sowers, 2008 An 150 9001 / 2008 Certified Institute

## U.P.S.C

Q3. India's aspiration to become a \$5 trillion economy depends critically on strengthening the invisible hand of markets together with the hand of trust that can support markets. Comment. (10 marks, 150 words)

Economic Survey 2019-20 Starts with the cirpostance of market sconomy with Educal Meaning. It was sought Example of Tiruvalar" who had also advocated for an open market with hand of trust among each -other.

for sudiris as piration to fir tiller sconomy; we need both an open fundest as well so Ethical People . Eg. Modern Philosopher "Locke" was a supposed a carriery brokerty by Just mean; state will come only it it is illegy.

Judio's askiration & teed of market 4 hard of trust: 
3 so has been observed theory, from 2011-12; there
is decrease in Private investment through
there is increase in private Savings



# APTIPLUS Academy for Civil Services IAS Academy for Civil Services IAS Academy for Livil Services An ISO 9001 1 2008 Certified Institute Comment that Services Set the feeting

- -> Public Emperditure has been continuory increased i. e such is lack Advert; sendiments among Private envestors a houce they are ferring of einestra eus. Investrat decresso drom 36.1. in 2011-12 to 30% in 2013-18
- Hoverunt Steps little allowing FAIX; Privatisasing A some railway operations; discincestant Offsus are normy but letting private to Come einto it d'increase einvestant
- -) Alew labour codes; climination of Red tapism; making governt liceux process ordine; Short. draupenent etc. are to build trust.

Aspiration of becoming 40 Trillion Economy court be bulbilled without the investment drom Private Partners ; hence government leas taken many steps in this direction; Even Reduction of costolate Tan Ano.

The content of the answer is not satisfactory.

Please refer to the model answer.



APTI PLUS

## J.P.S.C

Q4. What do you understand by the term 'Forest-PLUS 2.0'? How can it bolster ecosystem management and harnessing ecosystem services in forest landscape management? (10 marks, 150 words)

Forest - PLUS 2.0 is reforestation drive of government of India to fulfil it's manderte Pledie A taken at Paris Clemate Summit (2015) 4 This is not what it meeting it's som challenge.

- sudia has pleased to reduce it's why Eminim ery a tune of 334. -35+. of 2005 when Paris lander summist required

-> UNDER BOHH CHALIGHESE; Dudis les committed for forestetim of & 13 million leactive sy 2022 4 additional 8 millim lautre by 2030.

tions it combolisher Ecosysta mount & howen Ecosystu services! -

-) 94 vieu inverse the percentage of forest cover win win ultimotely helps in better



## U.P.S.C

many our of Ecoapston

of the Environit Provides many Ecosystem

" Schules El-1 Ford, Trimber', Fresh sir ele.

I this forest Plus 2:0 chaire will increase

- It will leep in maintaining be re-Lalauring

the need of development with Environment

-> Also; it was welf is in acting sustained Development world (SDW; 9 450MII).

Forcer-Plus 2,0 drive

towards mother nature as a country which Doesn't only true out the act.

marks:nil

The answer is out of context. Again, try not wasting your precious time on questions that you are not aware of.



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Academy in the Academy in the Academy India
Academ

### U.P.S.C

Q5. Big Data presents the opportunity to implement effective disaster management strategy. Discuss how Big Data can help in disaster management. (10 marks, 150 words)

Sig Data Technology are one of the most emerging technology of Industrial Revolution 4.0; which is maily concentrated with usage; analysis of data to find-out a Studion for any problem.

Ela so monutetry; using big data;

One can find out the choices of comment in last 2-3 yrs camplage inventory accordingly

HOW Dig Date combell in Disarter Mount:

- Disarter are defined as the "Catantrophe

will the com do imprecedented donnage to

human benvirount wort is beyond the wilty

A cote-up with. Ey-, Chemis H. M. 2015

many different works: 
many different works: 
a) what are types of disarder that

created harve in lan 10-1544.

in Sudia



## U.P.S.C

is prone to which types of disaster

() Timing: - treep to colculate the timings weather in which trey had much empart

d! wroup: which wromp suffered most

e) Solution: - How would's other countries are figuring with similar disasters

I what could be the prosable | Pre-plain

Steps required to Handle tru crisis

Sieuce, Den DATA Technology
Can help in all 2 Stages of Disorder like;
Pres Disorder; Duig Wisarder Wost-Disorder.
This com Strenthen our efforts to minimise
the impact of disorder.

Well attempted.

marks:4.5

Good!



## U.P.S.C

Q6. What is Carbon Pricing and Carbon Tax? Discuss the feasibility of carbon tax in developing countries like India. (10 marks, 150 words)

Carbon Pricing is an ortcome of Kysto Propost; when it was decided that each & Every country would have fixed Quot of carbon Eminion. It Comeme Emists below the fixed subta; it can sell it to the country which has Encertal their subta: Eff. Cheins Warding are major seller custar. Eff. Cheins Warding are major seller arose.

when a penn suy con , ruis is Jenerally 2-44. This den is whited in making yreen efforts.

Fearibility of Coulon - Can :-

A veneraly it is applied when someone bright any product which is some of uning Suminion Eg-1 Coal Product; Burning vehicle

neither much fund nor much ad vour



# U.P.S.C

technology; hence to meet the aspiration of it's heaven population it has to develop

- Trying to develop in more sustainte way would be disticult en lack of Tellimotory A fruit
- I Imposing could ter; would reduce the consumption; it would make lit's product Emperative in world's market 4 hance Emport would be effection

This will act as a barrier in

There is a need to balance development. development as well as Environment with vising askinstin it People. Hence; a blanket carlon den vier se adverse to it. There is need! of deliate Selance & four on disternat

section.

Well written.

marks:3.5



## **U.P.S.C**

Q7. Actual vulnerability to disaster is dependent on socio-economic conditions, civic and social empowerment, and access to resources. Illustrate. Also, explain the National Disaster Management Guidelines on Disability Inclusive Disaster Risk Reduction (DiDRR). (10 marks, 150 words)

Emposed to a disaster & his ther ability to

Emposed to a disaster & his ther ability to

face it. Ed. scholar Plumper has argued that

more than 70.1. A disaster victims are women;

this highlight the role of socio-Economic Conditions

(maginalism).

Actual vuluelity depends on many fector: -

- Join-Economic Conditions plays an in portant role is

  From the who are better off in society in terms

  of Economy 450014 strates are manage to

  take early actions Eq. 1 26 any painting is

  living and they can use Helicopper to come-out
  - -) civic 48 ocin surpruent? An Stated alone; women au most vulnerable due à Lower Seonmic surpruent; Lower Social values



## APTIPLUS Academy for Ovil Services not IAS Academy in Sastem Insia Service 2006 An ISO 9001 : 2008 Certified Institute

### U.P.S.C

-) Accendo Resources: - Ever DEVY AFTER People are 2nd most vulniquelle; they coult accent the resources; coult help theusakes.

Ham ywidelog m DIARL: This area need improvement.

- Special priority to most vulnerable suchin like women, Disabledete.
- -) Their actions are inclusive 4 considering the
- -) Different devices, helf an entended to disabled People to Cope-out with same.

Lowday; no religion; it doesn't disternative circum; community based approals is Good best to mitigate the impact of disaster as her HDMA.

marks:3



APTI PLUS

needs.

## U.P.S.C

Q8. Evaluate the need for a stronger industrial-military complex for India in light of growing economic and security needs. (10 marks, 150 words)

As Judia is moving upwouds in the emisting would Order; now it is one of the superposer who can shapes the international agendo. It necenietes the need for a stronger Didusting-Military complen for Strategic as well as Economic

Heed of Andural-Militry Complex:--) Presently Industry & military are notworking in synchrostizate with each office

- -) Eg-1 Odinance Factors; Even DROD; Hindustan good Accommy (mister)
  - -) Their oddies auast different Cocastion; a trevis lack of co-ordination; sometimes many delay lappeus due do Procedura insue Eg- selag in delivery of Light Air Combet districter by MAL to Anitorce

also talk about the planned defence corridors.

Dependency on imports etc



# And the property of the Services As Academy to Lancon loss Sence 2006 An ISO 9001: 2008 Certified Institute Creating That Research for that Academy U.P.S.C

Senetit of Industrial - Military Complex:

- -> Close & o-ordination
- Setter usewawing of Heid Refer to mode

-) faster delivery of services points

Refer to model ans for more points

Many times even Defense people Should know the about Technicalities as well as Subushing People should also more the exact demand; this will help in bother collaborative approach

would order; for any superpower; Security is
Of utmost toriozity & this Industrial-Military
Complex can play a major role init-

marks:3



## **U.P.S.C**

Q9. In the light of current challenge of jobless growth and rural distress, examine the relevance of food processing sector in India. (10 marks, 150 words)

not able to Jenerate employment in the Same tune. 'Montek singh shulwells" in his sook: Indian Economy: The Retrospective " has brilled about Jobles wrown a lung districts.

| was son to some the | UDP Wrown                                | Agricultul | Employed    |
|---------------------|--|------------|-------------|
| 1992 - 2000         | A 18 18 18 18 18 18 18 18 18 18 18 18 18 | 0-71-      | 2.84.       |
| - 48                | 7.21.                                    | 2.1.1.     | 1.94.       |
| 2001-1011           |  | MAL        | Mark of the |

Africular Trown ( Main due & Service) at cost of Africular Sistner; whereas it has not generally Job in commembrate with wrown. Su 2019; Lill 49.1. Perfe are in Aprillative reduction it's UDP Chare is only 16.1. Service Section has more



### U.P.S.C

them 50+. Show but employed is Lendhon 257. > his is Obles wrowsh.

How Food processy Sector can help.

You need points.

- Frod Procesing can help in backward or to add Liver Integration of Industry with

Agri Cultur

- -) It will help in reducing nearest wis quised employemented as People will shift towards working in shese FPI
  - -> whole cuply chain Uffer; have potential to employ many nurs people. 51-1 Du droup spection; cartier, storelceper etc.

· Woveret SAMPARA

Scheme is very much in viguet direction to realise the benefit of FPI & Eliminate the rury Somen as well as Tolslen mouse.

marks:2.5

Potatoes sold for 20 per kg, french fries 200 per packet.



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ret IAS Academy In Eastron India Since 2006

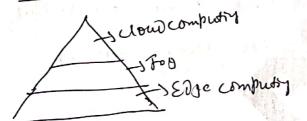
An ISO 9001: 22008 Certified Institute

De enting Quil Servant for the Vation

## U.P.S.C

Q10. What is Edge Computing? Highlight its benefits. (10 marks, 150 words)

Edge computing is tomen defined as techniques in computing where data is stored at the side tower than incloud.



good

Scuetis of Edge computing: -

- -) Since it is stored in Edde's it halps in AATA COCALSATEON
- -) It reduces the Catency as it is closer to the computer network,
- Jeed ; not in Artition Virtual
  Reduty



## U.P.S.C

- of Arts dicht Intellique ; tele medicine;
- are working drom florme; hence it is useful
- I Dod's is more sater than cloud as

### Challeges:

- -> CON Emperime
- -> Hot unlimited like cloud computing
- -) One copy courte stored in cloud ( Hot more sorter of

levolude 400; 4 conseque et new technology like SV, AI ple demand of Expe Computing has inversed.

Well Written.

Marks:4



## U.P.S.C

Q11. Illustrate the linkages between drug trafficking, organised crime and terrorism. In this regard, mention the steps that have been taken to arrest the availability of drugs in India. (15 marks, 250 words)

Array madricking: - It is debined as the illegal thade of marcothes drug across true border EA-, campbies from Hepal EA-, campbies from Mynman, Srilance

is defined as the crime sy a group of 5 82 more people for a centerin common youl.

Eq → Human Trafficing

-) Stave Tourism

-> Sen Tourism

Tenorism: - This is a contested topic; there is
no fixed d'etinitism of University adopted Definition
as many times even that are in volved in
Similar crime.

En treneral Conjugate, Tempism es

detired as Unauthorised A Illegy act when



## U.P.S.C

there is x intimidation among people tol activity certain Political Grounds, Eg-10 ISIS; For making a new territary PISIS 4 their rule.

(2) taliban wroup

### Cillye between all 3

- -) sang there is an inherent like among all 3'
- -) Deur drafficier & Organised crime are source Obtained for consujing out terrorism & Truing their brestness
  - An per Scholar Hirst & Thumson; now they have ORAHAHISATION; they compete with each other A for their recruitment they look too Similar People Lactividies
- -> For Slavery; Son Touism also; Tensist use hex.



## U.P.S.C

Steps taken by governt to Control the availability of strying;

- Anti-naucotios 4 Psychontopic Act; 1986
- -> operation SUDARSHAN: Atmycumou Border
- -> Baming of opinion faming (licence is resuited)
- -) Discussing with reighboring countries duing Bilatery July Tryph Marie 3 L. Conner. C.

Refer to the model ans for - Fencing of Border more points.

novement of Dudia has taken a los steps to could the menance of drugdrabbiching . several Legislations 4 stebs with réguloing condities are les vient direction.

sympals to most it want

All the aspects of the question covered well.

Good that you're prepration is well projected in ans.



### U.P.S.C

Q12. Discuss the reasons behind the agricultural commodity price fluctuation in India. Comment on the measures taken by Government to reduce price fluctuation.(15 marks, 250 words)

As her Economic Survey 2013-18; Approx. 50%.

Pobulation of Dudit is Still dependent on

Agriculture & hence fluctuation of process of

Commodities plays an ein postant vote ein

their encome.

Good

Reason believed Atticular community Wrice Studentson:

There are two aspect suit

form of supply side and demand side factors.

Shen there is higher production: - Manket side and demand side factors.

Settles of oron in Such a low price that termen throw away their produces in Road.

St. - In 2018: Tomastes were

Kuroson away in Maharantson

Reason: - There is lacked storage

There is lack of Dubrastauture of

transposertion.

-) Cosindics Cortins en high as 164.



### U.P.S.C

District Enport in trastation

31) vouen them is lower Production: I have is

lique price in mancet; but many widdle men

lique price in mancet; but many widdle men

gets benefit. Also novernment import thom

outside & restrict Enport

Eg-1 Onion Prices en 2019 (Sept-outsteen)

So agein farmer looses. After in port Prices

comes form agein.

Measures then by governit: \_

-> Movement has identified the crops whose prices fluctures much 59-1 Tomato; Onimi, Potado

Good

- of tomato; Union; Posters are dracked
- -) Price Starblingtim Fund; This is used to

The first of the sext of



## U.P.S.C

Lue to Prices ductuem

- -> Eureane in Storage facility on PPP model
- I orline e-HAM; so that fermen com reviews the prices from anywhere 4 in any mandi
- -) MSP support do 23 crops
- -> Monket Ruter vention Scheme for Herticulture A Perishable Product
- -) PM-KISHAN: NS. 6000 yearly

content is their to build-up interstanting on areas where there is need of entervention to cupport them through St. Could be improved.

marks:6.5



# APTIPLUS Academy For Civil Services Best IAS Academy In Eastern India Since 2006 An ISO 9001: 2008 Certified Institute Creat of Civil Services use the baston

### U.P.S.C

Q13. What are Technical textiles? Discuss the prospects of technical textile sector in India. (15 marks, 250 words)

drom re-ensineering of distrement broducts
like paymens; ceramics; moulder etc.
These are not formed drom Agriculture Products
vertice Industrial Products.

Incorrect

Prospects of Technica tendile.

the met though a single source. Fectionical fenitle; ver-Tentiles are the advenced Products which have very long drubbility. A stillity

-1 They are Site; Cheaper compare to



## U.P.S.C

### Conventional tentiles

- Can support the employment required of youth or country
- it's emport Potential in technical rentice; it can help in reduction No comment monder deficit.
  - There can be established anywhen in fue Country. Location is not much amportant for their survive industry:

    only drey need to orner the demand

    prospective of location.
    - of this tentiles can enhance the asthertic



## U.P.S.C

-I They have multiple application

Eq-1 Sn construction Durintry

-I Sn biles; fruithing

-I Sn Tudustrin application

-I Sn marking pipes, Tointy etc.

-I Sn toy Judustry; they can

reduce the price of Judian can

compete with this

Richmical Pentile Mas multiple application Rich Com help growing need of Sudian Economy in multiple ways.

Out of context content.



## U.P.S.C

Q14. No nation transitions from middle income tohigh income without robust research and development ecosystem in the country. In this context, discuss the challenges and solutions for development of research and development ecosystem in India. (15 marks, 250 words)

Sudiais Research & Development Budget is china 60000 of it's UDF; whereas for china 4 UTA; it is more than 2.5%.

Of their MDP:

Good

Examples from other couties.

- -) No any middle in come country can from. Without robust R40 Ecosystu
- -) Rise of Popen; after 1950s is basedon it's emphasis on RAD; Military Weture Advancent etc
- -> Similary Rise of South Korea revolves around Research 4 Development around HETWORK PRODUCTS
  - -> chiese development too is driven



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## U.P.S.C

from LAD en military; Determe; manufactury; Amendsy Hub etc.

Challenses for RAD development in Dudis!

-> Lack of Surjetung Support

-> (ack of Arivare Duvestment

-> Lack of Intrastantine

-) Longevity involved in RAD Ecosysten

Lackt
-) Dedicated Universities in Dudia

-> Lack of collaboration among Enduring &

Jespie's Enverment interprer Education Still 24.1. usherers in cline it is SIT.

Faulty education system.

Solution:

- Inview RAD Budget

- Promote Prombe Duvestmet ( By Some Ton



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## U.P.S.C

in centive)

- -) Menerale Awarenen amon Student
  - -> programmes, Events; stoy etc.
  - -) Aedicated univerities for RAZ

Stebs by governit:

- Atel Eunovalm Minion
- -) HITS MAYOR'S "Hallethon" Event
- -> PRESM (Promossy Researce in Stantubs

  A MSME) Scheme
- Shrewthin DPR Coms
- -> Protection do einovertion, IDFEX (Defence Sumit for Innovertion) in UP, 2020

Long tem promotion of

med of time to advance the country by come tout from Middle in come trap

as per scon ony survey 2012-18.

very well written answer.

marks:7.5

keep this approach for your answers.



# APTIPLUS Academy For Civil Services IAS Academy in Eastern India Since 2006 An ISO 9001: 2008 Certified Institute Creating 2.11 Jervices 1 or 14 Martin

### U.P.S.C

Q15. What is Integrated Theatre Command? Analyze the decision to form the Chief of Defence Staff position in India. (15 marks, 250 words)

- 1 Fut extred Theothe command: This is witherthin of Services of all defence forces where one head at some shatesis location . Eq. Dwita already have Good Dutymed Theore command in Andoman & Hicobar.
- As Dudia is becoming a superpower, it needs in to protect it's strategic concess in respect
- that time's need of Dutymen Theathe command was feet duing 1962 war with china when Dudia couldn't utilize et's air force
- of different lead; she've weapons; grods; commander etc. are whilized as per their



## U.P.S.C

head; but in stratefic location; we need to combine -u these weapons; Services together under one head so that any combe utilized in more effective ways.

Sudia is plainy to create.

Many autemted theartie common by 2022 as per 66 sipin Rowst" (135).

### Chief of Defence strot :-

- as were as head of Department of Military Affairs as were as head of all 3 services; Devisite.
- I thorever, all 3 thead will continue to report. directly to "ministry of Defence"
  - Joneunt & three services
  - I this main function will to bring retour in thustine; inversely co-ordination among services 490 venunt and duig period of



## APTIPLUS Andrew for the bases of the bases o

## U.P.S.C

Oriental' der taleing deciam.

MENTA COMMETTEE after Karyil war

challeyes "-

The would be brimus among estul

any dection by him forwaring his earlier services will be seen as where

There whent be ego-clash among other services this is the reason why it took so long to down a lose.

Suty Med Defu Theathe command;

Franchim of Chief of Olfense Stall has Structure Work on your Capability. It was brailities conclusions.

Very Good.

marks:8



## U.P.S.C

Q16. Freebies offered by governments are not really free and ultimately unsustainable. Critically analyze. (15 marks, 250 words)

An There is a concept of "legimentaly crisis" given by schoon Haberman"; which stayes that weltarism your by damountic society has certein limit"; as people's aspiration impressive will bleep on increasing & hence debt of gove will inverse in such a way that it will led to " Legitmany criss! 8A-) Wreece.

Fleebies are those resources that are offered by any government free of cont to a certain clam | section. E1-1 Dellie brows: Free Travel in Dellis ( women).

How there are not really free :-- These are not really dree as there are



## U.P.S.C

Siven drom the money of tem-payor

-) Comes are paid for the development of Dutram whee; will will create Does a wetimadely seconomy will grow with growing income of People

-) so; ultimately it is loss to reincome which could have been penerated

## How it is wustainsle:-

- -) As ment one in Legitimisation crisis throug;
- -) when any govs. aveil stop it; it will fell ment the
- -) Delst will doe so high that it would be umsustable

## However there is another aspect to: -

- -) many times drecties are viven to bulnereble Se cotion for their upliformat
  - 6) Eq-1 Right to Free Solveating MiD-Day Meat



## U.P.S.C

This helps in increasing literary Level, it Hutritism level of many inclined society

I'm future ; they will enter into employment; they will ease shere Economy will grow - This aspect supports breeders

Soft the school of Mought

have their pros 4 cons; but there must be some delicate balance The freebics should be only for manginhis seetim & Secondry et shouldn't be for intrite time Period.

marks:

Both sides of the stories well presented.

Introduction is very good and conclusion is fine.



## APTIPLUS Academy for Civil Services (AS Academy In Laston India Since 2006 An ISO 9001: 2008 Certified Institute

## U.P.S.C

Q17. Code on Wages, 2019 will transform the obsolete labour laws into more transparent ones and help in achieving the long term objective of inclusive growth. Discuss. (15 marks, 250 words)

An Per IMF, Inclusive Trowth in defined as growth which heeps in upliffment of all Section of Society with contribution of all group. Basic Milostophy is that involvent of all group. Basic Milostophy is that involvent of all section of outcome should also involve all.

4 code on wages. Duitirly it has 44 different different cares in central as well as

-) Catorin Low reform was one of the most desirable redown for enhancing the Ease of Dairy Gushen as well as to support the many values Seeting about their signers & Seeting about their



## U.P.S.C

trowsh:

- -) Enisting Structure lead so many laws; looplides which Employer used to take Senetit.

  new code les one law 4 it is clear & transparent in words
- -) There is meutin of "Minimum wage";
  selow which Employer coun't pay, man
  ceiling well be direct by state above
  the central minimum wage
- Employees need to take berminim Le thre legis off; now et has increased to 300
- There is provision of 12hrs working; but



## U.P.S.C

employer needs do pay.

-> Clean guirdans of the cole.

Drwabacks of the bill/ what more needs to be done?

Hence, we can Condude

that new wase code 2019 complay a major vole in sering wase rights of Employers Weak a making it helpful in Duchine wrowsh.

marks:6



## U.P.S.C

Q18. Fragmentation of land holdings has created many issues in agriculture in India. Elaborate. What measures can be taken to address the issue of land fragmentation in India? (15 marks, 250 words)

Land Reform is one of the pending reforms
that has not taken place due to lack of
Politicas will. My 2 states it a west seems
be Kerala has relet to do the seems.

Census 2019 5 , Land size las decreased from 1.13 ha to 1.08 ha brain last 5yrs. Size of Average lawgize of Small damens is 0.38 ha only.

Innes created by Fragmentism of Low holding: \_

- Set has addected the Agricultur Production,
- Sadily. Eq-D Co-operative terring in Kerala

has helped in Earning Adamers.

(co-sp. dain)



## APTI PLUS Academy for Civil Services est IAS Academy in Eaten India Succe 2006 An ISO 9001 : 2008 Certified Institute Civil Control of Control of Control

## U.P.S.C

- Rual area 4 Enhances the Rural Distress
- -) family has been broken in figur of cano
- -> Many Suicides are the outcome of these small could with meet min

Measures cambe taken .\_\_

- -> 2ststep should be Digitisation of law
- -) Promote co-operative famin;

  Eg-1 KUD UM ASMACE MODEL; (cerela
- -> Aware Janners about big James; Senetits
  - -> collaboration en Resources utilisation



## U.P.S.C

-) Amul co-speratione is also a shirty snample

## NON. 84-GDI-

- has stanted digitisation of law in villages
  - -> no result is bromoting objective forming
  - I Awassenen through local paneling at exte-

sphroach so that there could be greater implementation of Emisting programmes 4 increase

#### Good

But try including flowcharts or diagrmas in some of your questions so that the whole paper does not look monotonous.

marks:7



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Grating and a reastern part on burning

## U.P.S.C

Q19. Elaborate the measures taken by the government of India to meet the challenges of the Public Distribution System in India. (15 marks, 250 words)

System run by forer unnet to supply eneuting from to the Mistribution of the plays an important role in Procurement of the front from fermens of this tribution of Same to neety turoum state mechanism.

Link of PSI

challeges of PDS system:

-> Learne : - Shauts leurer committée Continue Mest et is sometimes in June of 40-50-1.

-> wantage: - many from get wanted



## U.P.S.C

an dranforation; En-1 20-30-1. Ausds

- -involunt
- -> distribution Donne

Taur

- -) face Ration caso
- -) Dependay on Rail more Fortrespointin

Movt . measure for every stage.

- -) WATHWA COMMITTER recommendentes Complete IT usage
  - Loulleakage as well as comptime Eq-) Chrotisgarh PDS System is Shing Example; complete gracing



Junough onloc system

-) Limene with Aadhar Card to remove duplicary

-> Storage capaity (specially cold) enhancemt krishi rail Kuram PPD model

one nation one card.

novi has taken many Steps to remove comptim 4 leaves; many states has implemented this; however there is need of accurate seeding & mapping of Aarher cand to avoid any crisis

marks:6.5

e Car And and More Plans

to the man of the second to the of



## U.P.S.C

Q20. Discuss the need for Wastewater management in India. What steps has the government taken in this regard? (15 marks, 250 words)

boartewater management revolves as Dead 3h is Reduce, Recycle 4 heurs bealinique

Awante manyeumer As her H272

anyog report; 60% Population in cities

are facing water Scarcity & heure waster

water manual is very important.

Wed of wante water mangent! -

Just increasing pace of Unbanimentom j there is growing demand of water in Cities. Eg., water scarify in Chemai 2019

of Laker, Rivers etc. are now disappearing due to volouisation; hence water needs court be fulfiled easily.

- J Len Veneuer monsoon leas also



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Continue Constitute Constitute Constitute Constitute Constitute Constitute Constitute Constitute Cons

emposed the water crisis in Dulla JAS Per INITE Adyon; 20 cisies in Dulla would be without unon water sy 2021. They will face Similar problem as faced by Johnnelson; south Africa

# Steps by governmt:

- -> Development of sustainale building; enfrastructure à which can reuse ble water.
- -) water-howerting programme to store
  water in landes etc. So that these
  could be utilized Duing water
  Scarity
  - -) Awareners among Proprie; regarding

mention govt schemes.



## U.P.S.C

-1 Regurnation | Restoution A orban Lakes Eg- Kuwanhali (alce in Bangalore unough CSR activities

Several enition the North and New heighted.

Some enternational Experience com-herp
us in better manyout of water as

Endan cities are lacing both Situations

floods as well as water scarcity.

Ett. SPOHNE CETY

CONCEPT (HERDON); CHIMA;

Where flood water is stored in burth

road (mitigate disaster) & combe

Good

used later after necyclis.

, RECEIPTION

marks:7

All the very best for exams!