

**An Institute for Civil Services** 

## IAS TOPPER'S

## TEST COPY VEER PRATAP SINGH

**Rank - 92** 

GS Mains
Indian Economy and Agriculture





20.

## INDIAN ECONOMY AND AGRICULTURE

Time Allowed: 3 hrs. Max. Marks: 250 Instructions to Candidate Q. Marks 1. There are 20 questions. 2. 3. All questions are compulsory 4. 5. 6. The number of marks carried by a question is indicated 7. against it. 8. 9. Answer the questions in NOT MORE THAN 200 words each. 10. Contents of the answer is more important than its length. 11. 12. Answers must be written within the space provided. 13. 14. 15. Any page or portion of the page left blank in the Question-16. cum-Answer Booklet must be clearly struck off. **17**. 18. 19.

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REMARKS

GS SCORE

GS MAINS TEST SERIES 2017

Q1. High logistics cost is one of the major reasons for uncompetitive of Indian goods in global markets. In this reference discuss the significance of having multimodal logistic approach in India. What are challenges in present logistics sectors? Also discuss some of the major trans-boundary multimodal projects of India. (12.5 Marks)

Confekthieners have (WEF). Undig junforred but still we are facing challenges to orduce logisties cost which makes Indian goods uncompetitive in glosal martets.

To tackle high logistics cost undig is focusing on melti-modal logistics approach in which all medes of pansportation are leveraged to reduce logistics costs. Undig is integrating its loadways, railways, inland waterways, and to some extern- airways also. This multimodal approach is significant in following ways-It enables Seamlers transportation of grook across the country. I it backlitates pade in hinterland by attes, thereby emproving theirs standard

of living by Possiding employment it Deburden National righways es 2%. NHs carry around 40% beignt fransportation in it signifies importance of Inland waterways which art as feeder transport Corridors. 5 inland waterways assime been made operational. LEEP (Logistics Officiency enhancement prog.) is focusing on reduction of transportation g cost, time and improving efficiency ex. challenges in logistics sectors poor health of state and distret highways hailway underdevelopment which lead to envolvale Delays 4 accidents ui) lack of Deditation breight - Coordors is lack of other basic hypostonetwe like power udia is focusing on completion of IMT (India- myanner Thailand) Terilateral jugmangs Brojer, Kaladan multimordal transport. corder, Enternational North-South Praisist and Transfort worlder, BBDN (Bangladerh, Bhuten,

hdig, mapel) highways, etc

Q2. What do you understand by the term Industries 4.0? How it is going to impact the employment generation in India? What possible steps can be taken to avoid any adverse effects on employment generation from Industries 4.0? (12.5 Marks)

Am

holustial revolution where Digital world would merge. world and real world would merge. it is the analganation of earlier technologies like mechanical technology, digital, information tech, Artificial williagence, robotics etc.

Seen to be a substitute of labour to a great extent. As probots are going to be employed son they will lead to reduction of employment opportunities. Currently hiding has around 50 crose labor force and 40. according to labour Bureau Report, 4.2% is the unemployment hate. ILO fin its hepost, world confloyment and social outlook noted that there are around

LO million people are vobless in Lois

So, Given there facts, helia cannot afford any sussitution of its labor by any highly disruptine fechnological revolution But, also holig convert afford to remain uncompetitive in global. market. so we do need technological hiperentions but they should be bur supplementing labor force, not box supplanting them.

challenges from automation- can be coped with by taking bollowing

I ensure that labor force is spylled enough to operate new technology

is) developing industries but rectofs production for production of me automating machines. This would provide employment but

replaced labour

in) also, a tax on cutting-edge technological holustes can be imposéed which can help seplaced labor in their schable Taling udig can boens mose on services seeters whose already hadis her good expense.



Q3.	This Ques	tion contain	2 parts	and both	are	compulsory:
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- (a) Analyze the recommendations of Bibek Debroy committee. How this would impact the development of Railway infrastructure in India?
- (b) Indian Government recently established the Rail Development Authority. What is the objective of this authority? Will the setting up of the authority will help in tackling the challenges faced by Indian railways? (12.5 Marks)





Q4. What do you understand by Universal Basic income? What is the estimated fiscal impact of this scheme and assess its feasibility in Indian purview? (12.5 Marks)

by

Juversal Besie Income (UBT)

Jefors to providion of minimum

assured furcome which would

be provided by government, to

Citizens. This aims at providing

a besic minimum amount so

that all can meet their

fundamental needs lite mutofios,

housing, healt, clean dirinking

water, Samfation (Education etc.)

UBI has been morted as a Substitute for Plethera of Schemes, around 950 contral tenter and centrally sponsored schemes which amount to around 5%. I GAP.

fiscal impact. It has been astinated fiscal impact. It has been astinated even in providing I soool- Per month Per person, will require 4 around 57.09. Both. Though, It is almost equal to existing sum of all control schemes.

but this can't replace all schenes en one go. so, this would amount to double-bread burden- on. government-

This can be a game-changer ju tackling jessnes og povesty but its feasibility in Lidian context is full of challenges. Like lack of resources, how to transfer money to account of all as many don't have mobile, account and gadhar, it would lead to additional burden on already stressed sanking system, It may also lead to labour deficit as people may become lethought etc.

so, given the challenges, government policy friends heed to go in depth of issues and then only it can be Devided evhelher og not it 5 feasible. Nowever, It can be toled on filest basis box formiding USI ber costain sections of population like disabled, usidous, etc. et can help in realing the Draam of Gardhiji, to wife every eye!

emarks



- Q5. This Question contain 2 parts and both are compulsory:
  - (a) Indian service sector, especially IT sector, has been the main anchor of growth and employment in the 21st century. However, in recent past, the Indian IT sector has been in news for lay-offs and not for job creation. What are the reasons for this? What corrective steps needs to be taken in this regard?
  - (b) Indian IT sector has been beneficiary of H1B visa allowances and liberal visa policy of USA in case of highly skilled employees. Examine how Indian IT industry is going to be affected following the strict visa policy under Trump regime.

(12.5 Marks)



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Q6. In recent there has been a spurt in digitization. Can digitization help in bringing inclusive growth in India? What steps should be taken to realize the goal of inclusive growth in digital economy?

(12.5 Marks)

Digitizations refers to encreased use of digital technology in goviernance. Digitisation can help in beringing inclusive grounde in holie. it will lead & reduction in cooreption and dismoutle shadow alonomy by doctorages preventing morey faundering it leads to binancial Inclusion forg. Andhan lan be utilised for providing semicip services. ii). casy panto payments theorgh D'BT (Breek-Benefit toansber) mode. This leads to increased efficiency in allocations of resources for weaker & poor sections of Society. Tele-Educations and Tele-mediciones can help in providing these services to remote and backlung regions of the country which hitherto

were excluded from the growth Story of the hation, with the help of Cloud computy Small and marginal enterprises can flowersh as they would not veed their own hejastouchure while stanks business.

Following. Steps can be taken to gealise the goal of Inclusive growth in digital economy -

. Providing internet rules to all, currenty 70% of endians don't have access to julement.

by providing digital literacy, so that they can leverage this

in enewing adequate Prosertion of consumers & customers as haig has weak digital infoastructure and there is no law on data

making procedures and laws simpler so that common people can use sigital technology.

However, gov. has taken many bulsakres like Bharat Net Poffer, PM6015714, Vittiga saksherta Missius, NCGP, NPCI, JAM formity she

Q7. RBI has been issuing banking licenses under differentiated bank system Wholesale and Long-Term Finance (WLTF) banks. What is the need of such specialized banks? Discuss the scope and benefits of having WLTF banks. (12.5 Marks)

Machiket Mor Committee, RBT has been issuing banking likenses to WLTF banks. These banks are heeded bor bollowing specialized purposes-

to ensure adequate eapital
flow to bufoasture sector. As this
bank would have at least loss crose
capital so it can land long-term
capital so it can bend long-term
casy loans to borrowers.

It would provide loans Primaily to Greenfield Project and Stalled project and Stalled project al- cheap interest rates.

Lit would reduce broiden on bad-loan encumbered banks which are under severe storm due to mounting NPA.

these banks have many benefits like giving promotion to beforestrive

Development comics have multiplier effect on economy as it would. lead to employment generation, thoubs creating demand and so spring growth of houstoid sector. Also, stocked banking system would be able to bout more on herothing NPA. Course which have gone to leave of total assets.

these beings would have enough scope in trains economy, as there is no sufficiently leage as there is no sufficiently leage as there is no sufficiently leage as there is no suich can lend long-term being gestation period take highway long-gestation period take highway long-gestation period take how operate on their would be would operate on their would be able to cape with would be able to cape with would be able to cape with some states are on their sometimes like NPAs etc. on their sometimes have an economic manner.

Q8. Government launched Pradhan Mantri Fasal Bima Yojana (PMFBY) to reduce the vulnerability of farmers from natural calamities and ensure sustainable farm income. While highlighting it major provisions, also discuss the performance and challenges it is facing while implementation. (12.5 Marks)

Government- Caunched PMFBY 6 achieve bollowing since to provide crop ensurance cover to around 40%, barmers by 2018, fresently only 26% farmers have Cerop limance to achieve 4% agricultural growth to provide relief lo faerness in · cases of calamities. It also includes fost-harvest losses like cloudburst, perf attacks, unseasonal rains etc. providing insurance on eary posmiums as insurance sate is W. of therit cop, 1-5%. of Rabi crops. government- would provide any excess amount- to hourance companies, in case justised amount exceeds framium amounts. Got. reinsurse all amond to provide

insured sum to farmers:

W)

use of technology wiel be formated like drones to calculate bacon fors, mobiles to send those of crop loss etc- so that knownes money can be brided without any delay.

Nowever, there are some challenges which it is bacing in its kneplementhing like Delays in farment of insured amounts, barners are not receiving adequate compensation for crop adequate me to inaccurate talculation failure me to inaccurate talculation of crop loss; backward states of crop loss; backward states are not taking much interest in the scheme, marginal and small farmers of relatively agriculturally small farmers of relatively agriculturally should be stated and such interest in the scheme of relatively agriculturally should be stated and should be accounted the scheme of relatively agriculturally should be stated as a scheme to the such that the scheme is the same of the scheme of the

However, despite these problems, it is performing good as there is increase in crap insurance is increase in crap insurance and parmers are taking interests and parmers are trops.

Same and the second second and the second

Q9. Tourism is the one of the major economic activity in many advanced nations, though India is catching up in the sector, however, it's potential is still untapped. Discuss why India's tourism potential still largely untapped? (12.5 Marks) Townson Considerles around to hdig's GDP. This sector has enormous potential to controbute to GDP, employment generation, boostong domestic industry and providing herseations arem to the people. But, hadig has be not been asse to tap the full potential the toursm bector because of bollowing gresons inadequale attentions of phicymaters to this sector infoastructural development and foreston befræstrubare like townsts parks, townst trains etc. lack of superty to townists clean forwist status and fact of focus on Cleanliness of there states

y lack of arrival of Domestre townst.
Those who are well-15-do they
prefer townst places abroad.

lack of Development of hospitality sector.

fle of the above are significantly thwarking progress of Development of the Scalor. New Towerson Policy aniseges to increase global townist are included from 6 6 2%. By lost are included global townists. It also of total global townists. It also aims to being Pourson lender aims to being Pourson lender Concurrent list, so that Concurrent would also promote government would also promote this sector.

Movever, government schemes like PRASAD, MRIDAY, sweedesh. Dearshon, theme based towarst county, etc. theme based towarst county, etc. hold somise to Develop their sector to give boost to sector to give boost to economis of the corintry.

Q10. Niti Aayog recently projected a compound annual growth of about 8% of Indian Economy and its transformation by 2031-32. In this light discuss, what policy actions are required for attain and sustaining this level of growth?

(12.5 Marks)

Currently, growth rate of GDP of hdian economy has plunged to 5.7%. But, in last two years average growth rule was: above Fr. Now, NTT, Acyog projects or of growth for nextdecade er so. so, to perive this bollowing policy actions are forms on agricultural sector as thes is the backtone of holian economy. 50% labor force doaw its sucome boon princey seeler. So, to generate demand thes sufor needs to be Developed on a proofing basis. focussing on increasing growth g Industres. IIP has been very low because of non-performance Core holisties like Steel, Cement,

Clerricity etc 80, gov. needs 65 Ireinvigosale this sector. This can be done by Providing Stills Ro laser force, extending easy loans which needs resolution of NPAs Oursis bist, focussing on MSMEs as they generate a lot of employment, Speanlineig lator, tereation, emsonment Jours which will feed to Ease of Doing buginess, meseasing incentives box FDI & FPI, deregulating market divertment of PSUs ele infrastmetural Development is sine qua non for sproving economic actority in the county. As Indians goods are not competitue in global market Leeaure of high costs of logisties, labour etc. 50, to make hadian goods cheap Infrastructual boom is treeded. Export promotion as weithout their 84. growth rate cannot be achieved. to promote exports, SEZs, CEZs Cloude senonie rones), dedicated freign- wordox etc. auce lo se Developed. Services sever needs to expand its reach to ninterland states. It can promote Remarks export of services to third world countries

Д

Q11. Indian manufacturing products are uncompetitive in global market due to their low quality and standards, especially the exports from MSME sector. Discuss the issues pertaining to low quality of Indian manufacturing. Also discuss the significance of Zero Defect - Zero Effect (ZED) scheme in this regard. What else can be done to improve the quality and standards?

(12.5 Marks)

India mainly exports petroleum product, Jems & Jewellery, chemical and pharmaceutical product, and agricultural product. But, it has been unable to gain export markets of product manufactured. Product like apparely, leather product and for twears, clerhonic goods, furniture items etc.

edge over hdig because of following reasons-

lack of Skilled employees - only 2.34, lasour force is skilled, according to lasour sureau report. Thes compromises quality of standards of manufactured products.

higher wages which ferces manufactures

to look for completely unstilled westforce who componise with quality of products.

in lack of state of ast manufacturing technology: courtobs like Japan, south Koveg, ching, malaysig and Singapose. here achieved significantly advanced tachnologie while hidia Still depends on manual labour. This reduces quality and efficiency of the Booking

Government has launched many Schemes like 'næke lu ludig', Stærtrup holig', 'Skåll holig', Zero-Defeit-Zero Effeit'scheme etc. ZED holds promise to Boduce quality product as the focusses on skilled workbesse, and emissionmentally briendly Jechnologies which have net zero carbon emissions. So this can help generate Stilled employment, poducing quality products competitive in global meaket.

to enhance quality and standards, government reads agressive adoption of technology, providing skills to youth, Bring breadon to private Sector to regarding later and emisonment lows, envestment in Research emarks vocational and market-relevent Education

Q12. India has been facing twin balance sheet problem with Indian characteristics. What are Indian characteristics and what steps should be taken to find out the solution? How the recently passed ordinance, empowering RBI, is going to tackle the situation?

(12.5 Marks)

- India is facing Twin balance Sheet Syndrome (TBS). TBS refore to Overleveraged Cooporate sheets and Land-loan encumbered bank. This neans banking system is stressed seeaux of Societing Non-Perfooming Assets (NPAs) and toxic loans. Also, Cosposale houses are not in a postion to invest in big Boyet because of huge debts and losses in business hdias characteristics are bollowing ). big Sectors like Steel, power, telecom ete are incurring tossess, so they are delf-viddon. These sectors are driver of growter in any nature out udian economy is facing peculiar sofuetion where core houstones are Galfering, MSME, abre Still Perferning

especially 8 Fate-sun Public Sector sank are severely stoessed. NPAs going upto boy, of total assets of sanks, private banks are much less stressed then Inflation has also reduced, despite this ūy | growth is not pecking up in economy Rollowing Steps can be taken to presolve the versis-like structionrecognise the Booklem, resolve it by recaptalisates of PSB. escale bad samp to handle these bad Joans q write off some highly toxic loans. iii) allow PSBs to be run on wholly Commercial lines. rehabitet big hossbutural stalled project which have long-gestations period and are not being given loans is complete them. They would generale enomous returns. restructuring of corporate loans dong fre lines of Corporate self restoutury and sustainable belot resolveting. RET has been empowered by an ordinance to single out willful defaultess big cooperates houses bor hisomency and

Remarks board according to Commercial Principles.
This will help in Cleaning Sout Sheets along with Corporate Sheets, and Provide exist bor non-performing Companies.

Q13. This Question contain 2 parts; both are compulsory:

- (a) World Bank has been changing its spending pattern from infrastructure to healthcare. How does this change augment the efforts toward achievement of SDG and improved welfare?
- (b) The funding available with the international humanitarian spending agencies, like World Bank, UNCTAD, etc. is far less than optimum. Examine the reasons for such shortfall and suggest how spending deficit can be overcome.

(12.5 Marks)



Q14. BRICS and AIIB has been two emergent institutions, which can challenge the hegemony of Bretton-Woods institutions. However, for that to happen, China requires cooperation of the other developing countries rather than establishing hegemony over the new institutions. Critically analyze.

(12.5 Marks)

Because of hegemony of Boetton woods historitions we world sent and regional historitions are emerging. New financial historitions like NDD (BRICS Bank), APPR are more democratic and aims to reflect changing global order.

Mowever, because of gargantum economic power of ching, it poses challenges for bunctional Democracy him these brest turns. Ching's economy in of around 12.5 billion USD, next-to-this bidg comes which have only 2.3 billion USD GDP. So this creates an imbalance in these hestations. So, to becomes alteratives of washington bust of the ching heads to walk cautiously to as



Over these emerging but Autors

ching heads to cooperate with other countries like in NDR it needs cooperation of tiding, brazil, hurring and south Africa, all of which have equal vote and more has veto.

But 8 feation is more complex in Asian infrashment more complex in which is ching hed bank and have votes in proportion to GDP. So in Alls, thing has majority of vote there while other around to countries have very less voting power.

China reeds to Democrated ALIB try adopting some offer contenia bor voting share which will some voice to smaller economies. Also, U-s and its high allies like Japan bane not how allies like Japan bane not soined cheng-led bank, so it is also imposfant that china provides a fearible alternative to western nations to follow see Suit in bretton woods hotolow see Suit in bretton woods hotolows. So, in any case china cannot helpfulos. So, in any case china cannot will be unilaberally. It was so seek cooperation,

Remarks help and collaboration, co-cretinations



Q15. Despite the fact that, Food Processing sector is recognized as sunrise sector and paid ample attention in recent years, the recent statistics suggest that many of Mega food parks, which were announced in the scheme have either not been established or they are on the verge of shutdown. Analyze the factors behind this trend; also suggest what should be done to reverse the trend?

(12.5 Marks)

bastest growing sever world over, having government recognized this as a full-fledged soutor in both five year plan and allocated money to establish Mega Food Parks across the country to provide boost to this survive sever.

Mega Food Paaks Echeme Crusseed to create food Bocersing units with having starte of the -art technology, like isoadiation centres, Cold chain failities etc. But this scheme has not performed well secause of bollowing reasons.

I perishebles tood items like bouits and perishebles tood items like bouits and items challenges.

I) hose bours on toolitional crops, and less incentives the Commercial crops.

in last of technology development, for the food poolessing iv) lack of modernisation of existing food pocessing unt. 1). Lack of awareness among farmers regarding. how to adapt to pocessing of their bood crops. etc Following measures can be laken to reinigosate and revive the scetor. aggressive Implementation of Nation Mission on Food Processing which aims to increase India's shake in global boad trade from 1-67. to 84. by 2010. faster adoption of SAMPADA scheme which bourses on processing of marine and agro- foods. huge investments in research and zerelopnent. myra stouetwal development like parsportalis and power sever development. generate awareness among farmers 切 to cultivate Commercial Geofs. boursing on hosticulture development M) Collaborate with countries like Israel, Russia, china and Australia etc. which have acquired advanced techniques of in Remarks budgetary allocations for the Sector,

Q16. Recent Farmers' agitations and suicide once gain highlight the discrepancies in inclusive development. In this reference, analyze the factors behind famer's suicide with a reference to NCRB report. What steps are needed to break the vicious cycle?

(12.5 Marks)

NCRS report, 2015 revealed Wat around 12000 barners commABB Commits suicido every year in holiq, farmers across hair are agrating. They are not getting remunerative: barin-gate Prices for their craps. Also, Sluggists growth of primary sector has caused inequalities feating to issues of inclusive development. following factors can be attorbuted for barners! suicides in holing. corp failure due to failure of monsoon. 55%. of holien agriculture es painted, so it depends on Monsoon primarily. lack of forward and benemand finkages like seeds, bestilizers, credit facilités, market, storage bacilities, cold-chains bacilities de. ill) because of poor economic healte

g farmers they have to go for Remarks

distress sales of their froduce which provides insignificant returns due: to price - crash of the crops. in farmer are dett-ridden, They are not in the condition to repay loans. :80, out of brustations and despairs they take expense steps of committing suite so to reekfy this bollowing Cosseeline measures should be taken providing ensurance to barmere spaint clinatic vagaries like Drought, floods unseasonal rains etc. only 26% gludian faithers have crop insurance in heteral coudit facility for barmers cold. Storage facilités to prevent distres <u>[4]</u> sales 4 knowling MSP for all crops. m providing isogetion facilities to around . 75 millions hactage cueltivated land which is rain-fed. marginal Loan waivers of Small and forted can basmers whose crops have be considered. gregulated markets for beller Price paster intersection greatese dream of "downing" sprowing fashes hicome by soss and agnicultural growth, there steps are



Q17. Micro irrigation can be way out for rainfed agriculture and small land holding in India. In this reference, discuss the advantages associated with micro irrigation, initiatives taken by government and challenges associated with it. (12.5 Marks)

Net sown Area of holig és around 142 mha, out of which only 65 who is isogeted. This means around soling cultivated area is train-fed which depends mainly on Monsoons. This also reduces cropping intensity and gross cropped area. So, to Provide irrigation to all land-holdings, micro- isosgation às que way out as it has bollowing advantages -1) gredures wastage of water as flood imgation ét- increases productivity of the crops as it helps in reducing portion unwavanted herbs and grasses en me bilds.

iii) It's based on watershed management which is sustainable boom of crigations.

inesceses water-use efficiency, fluely prosessing production. menimises use of herbrides and pesticides. It is besed on More boom less Brugo Government has laker bollowing PM: Kenshi Sinachayi Jojna (PM KSY) & hitalias. bous on viero irrigation to brookde ( Mar khel- to Paam' ( water to every form) watershed varagement under Neeranchal programme in) collaboration with Israel which has : expertise in misso-isosgations Konshi- Vigyas Kendras to Provide half to barmers to adopt the technology But-, in adopting the bollowing challenges are to be overcome lack of awareness among farmers. i) lack of technolosy and deposise huge investment needed for sprinkers systems metallations Skill required for operating their systems also have to be Bronded

Q18. The Vulnerability of farmers is not just due to natural vagaries, but also due to defects of public procurement policy. Analyse what should be done to reform the public procurement system?

(12.5 Marks)

produces farmen faces a fot of natural vaganies like hailstomes. It hailstomes drively to cyclones in coastal regions etc. other than these, vulneratifiely of farmers is due to alfects of public foodurement policy which is mavered by bottowing problems.

It is centralized system to procure bood grains. Borusement is done by FCI mainly.

If procurement is done only of those crops for which MSP is announced.

Brom developed regions like Punjos,
Maryana, Cauvering basin, western
U!P etc. 50, It reglect Eastern
and Central Tudia,
although, policy enistages Open
Brownement' means Procuring
all grains of MSP, but-

parmers are bessed to sell their produce in regulated mardis where they most of time Don't realise even M-S.P. lack of Storage in Procurement is another najor Problem. so, this procueement policy does not ensure mat all get pair prizes, at least equal to MSP. So, to correct this bollowing steps can be laken -Decembrable 2 Procusement - FCI should foins on axeas where infrasforcture is underdeveloped like in Eastern states. and States should be allowed to procuse, whose infoastructure is in good condition take freigas, Nauganeck CCI can lake help of Central and State warehous cooperations & prevent Horaga Lores providing MSP for all crops and insure that all grains of farmers are purchased by government-

in procurement process of Fest functioning.

Deducing bureaucratic Interference

Remarks

on atleast MSP.

Q19. What is precision agriculture? How precision agriculture can help in improving the resource use efficiency in agriculture, with special focus to irrigation? (12.5 Marks)

A frecision agenculture to directed agriculture where inputs are provided directly to crope with menimum wastage. This is done through sixteen and nano-teen.

herbicides, water, fertilesers are Divered to crops directly by nano-tech and biotech. This helps in reduction of input wastage and improves productionly and efficiency of resource use in agriculture.

Thes focusses on drip and sprinkles systems and other mino, isosgetion techniques to isosgetion techniques to isosgetion crops. This substantially reduces waste of water as happens in broad isosgetions.

fertigation is another metered to reduce usage of both fertilizers and water. In this fertilizers are Delivered to course with ingelies itself.

using sistein, crops are genetically modified to make them drought resistant, to shorten their supering period, crops are made shorter so that they need less resources to grow, you es pusa Ashar has been déveloped which have short growing season, and is less taller, so that it needs here inputs. Carops are also modified to make them herb-resistant and pest-resistant. All, these enhance Productify of crops, and need less enpuls thereby increasing etbriances. resources used in cultivations



Q20. How pink revolution can supplement farmer's income? Critically analyse, how the developments of recent years coupled with steep inflation in animal feed prices have impacted the development of sector? (12.5 Marks)

