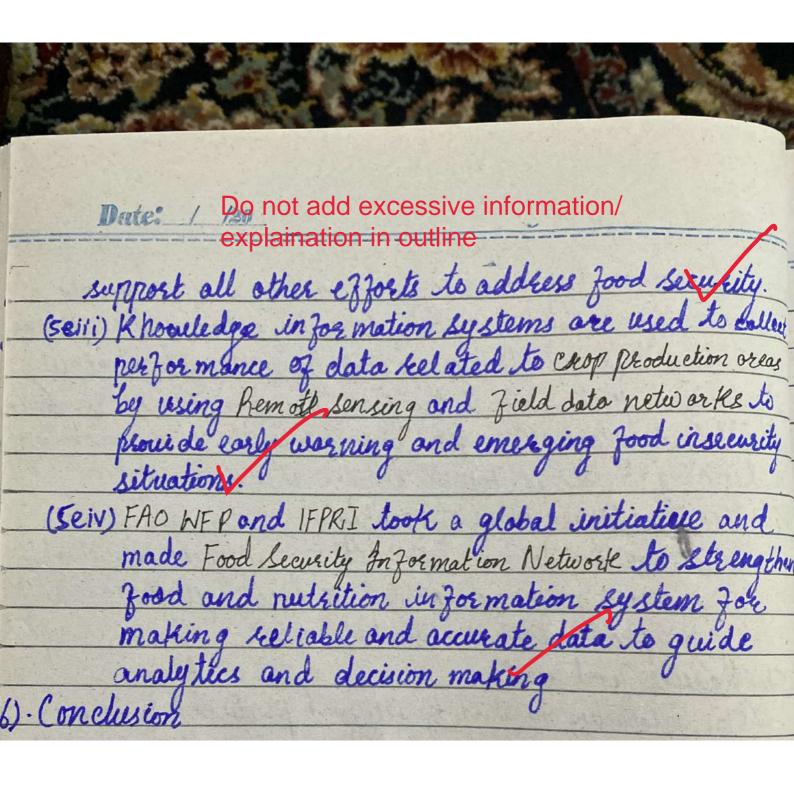
Food Insecurity: The defining challenge of century ahead. Outline Introduction (1a) What is food insecurity? (16) Evolution of Food Food insecurity has been ic challenge for the century ahead. There are many couses of food insecurity, the effects of which will prove horse. ndows for rupe oming generations. However, by taking sin ere and proactive measures, the spectre of food insecur ity can be curped 2) Major Categories of food insecurity 129 4) ente Food in security (26) Occasional food in secusite (20) Chronic Food insewety 3) Couses of food insecurity Ba) Burgeoning Population (3 ais mathus relationship between population insecurd resources (3011) 6 continuing population in this regions makes periodic Jomine un avoidable" (American British Envisonmentalist Six Johnathan Possitt (3b) Conflict & political Instability (3bi) 70% of the world's hungry lict and violence. (361i) Russia Ukraine war on food supply chain. 134 Kapid Urbanization. 30i) Around two-third of world population live in ur an aceas (Sova 2016)

Date: / /30 Bdi) Domage of crops due to Floods & drought (3d) Climate change (3 dii) Frequent locust attacks (3ei) The Significant role played by Jenanes al market (5) (be) Financialization of food in the agri- good sector (3 eii) The recent of price hites has been seen in 2007-00 2010and 2012 (30111) The struggle against hunger and malnutration is hindered by market priorities, the premary of profit which ked uses good stuff to a commodity like any other subject to speculation and financial speculation in far-Lieular "[Pope Francis Irrelevant details Offore good-insecurity will be a defining challenge for the century ahead (49) Poverty and hunger (40i) In 3022, 691-783 million reple in the world face hunger, which was 122 willion more than in 2019 before the Could-19 pandemic In Fact, 345 million of those people ore Jacing ocute level of hunger including (46) Malnutrition (4bi) Low birth weight, child hood sturting, an aemia in women of reproductive age, micro nutrient de jisigneies (4bii) "A diet considered as insufficient intake of vitamins and minerals will obstruct foetal, infant and child growth and development. (WHO, 2018) 149 Derression (4d) Mischellaneous Effects (4di) Acule respiratory infections, Diorshoea, malaria, measles, low levels of energy, growth failure, delay

in maturation, impaired cognitive ability, reduced conscity to born, less ability to resist & som in zections and illness, reduced life expectancy, growth in maternal mortality political instability in the food insecure region Engestion 15) Possible Solutions to curb food-insecurity From becoming a defining challenge for the century ahead (5a) Use Testilizers more efficiently (Sai) According to West, the use of Jertilizers on wheat, rice and maize exops could be deduced lighto 13-29% and the production is still the same 15b) Keduce food waste (5bi) Globally, one-third of all good produced is lost or wasted around 1.3 billion towns of food, costing the global economy close to \$940 billion each year Upto 10:1.07 G.H.Gs comes from good that is produced that not eaten (UNE preport, 2011) (50) In for mation and Communication Technology (ICV) assess ment (5ci) At present, WFP uses a method of vulnerability and majining to conduct food security analysis of vulnerable populations allowing WFP to gather real time data in order to proper by recognize and evaluate the the situation in distant areas (Edi) Between developing, developed, and underdeveloped (5d) fair trade (Sdii) Review of WTO and International trade agreements (se) Knowledge Information System (Sei) Proper training, education and development skills for local human resource (Seii) Knowledge in provement services, early warning systems and management in formation systems



Essay

John F. Kennedy, Jormer president of USA, has pertinently said that, "If a Free Society connot help the many who are poor, it cannot some the few who are run! A welfore state never distingu ish between upper and lower classes in terms of basic necessities, such as food shelter and ploth The provision of these necessites in a satisfactory manner justifies the existence of any date. Food insecurity has become a humon gous challenge for the 21st century of con be defined in many different ways According to the American Dietary Association, good in security can be defined as, "limited and uncertain availability hutritionally adequate or saze foods or limited or uncertain availability to acquire acceptable foods in Locially acceptable way In addition, FAO in 2013 has de jined it as, "A situation that exists behan people lock secure access to see 37 icient amount of saze and nutritious food for normal growth and development and active and healthy lift the term and concept of good security weere stated nearly jour and a half decades ago during the Food and Agriculture Organization's conference, organized in 1974 to find out ways and means to provide good security to the hung ry Reople by provieding and producing enough food and giving safety from the I luctuation in food prices (Anderson and cook, 199). The 2008 global food exisis created riots in many countries to seek the attention of the public to food insecurity on july 2009, G-8 Head of States agreed to act with the scale and urgency needed to achieve Sustainable goods for food security (Barrett, 2010) According to UNFAO, as many as 828 mill ion people or 10% of the world's population go to bed hungry each night, 46 million more than previous year. There are mullifaceted begun cussions of jood insecurity such as population explosion, Conflict and political instability, ever expanding wasanization, weath of nature and financialization of good to name a few. Result antly, these couses are becoming a defining challenge for the cent way ahead in the shape of powerty and hunger, malnutrition, and depression and other miscellaneous ezzeds flowever; there are multiple windows of opportunity to each this silent pandemic

by adopting certain measures, some of which are the efficient Esse of Jestilizers, reduction of jood waste and efficient use of in Josen ation and communication technology. Further more, encouraging Jair trade and leveraging know ledge in jog mation systems will go a long you in making people food securit To cut it Short, foodin security will become a catacly smic challenge for the century which will prove hossen dows for the upcoming generations. Howevex by taking serious and proative measures, the spectre of food insecurity can be curbed. The above paragraph was at brief introduction about the chosen topic. A brief account of the major categories nestaining to food in security one dust is given in the following paragraph.

Alcording to FAO, there are three major codegories of good ensecusity. The First one is acute good in security It can be defined as severe hunger and malnutrition to the project that lives are in an immediate significant threat. Its best example is famine The Second major Calegory, Occasional food insecurity, is defined as the existence of food in security due to a specific temp roosey cir um stance hird one is chronic food insecurity. It is the requirement of food yeards, their are consistently or permanently under threat At the defining the major categories of food insecurity, it is prestin int to shed light uport the eauses of food in securi ty. There are multifaceted reasons for this menace However, the most important ones are discussed in the following paragraphs . First by, the most impost out reason for food lines curity is the spectre of burgeoning population on november 2022, the world has exorsed the mark of 8 billion people. The enhancement of population in such a sapid speed are be ming a heavy burden on every resource. According to Malthus, there is an relation ship between population and resource. Furthermore, according to British Emironment abst six John athan Possit,

"Cordinuing population in this region (Great Britain) makes periodic famine un avoid able "Rence, over population is one of the reasons for acute and eleonic food insecurity. Secondly, conflict and political igstability are both causes and effects of food insecurity Tody, the world is greate thy aggested by various conglicts such as hussia-Ukraine war, As all-palestine conflict and others. Conflict and politically instability exacerbate this men are This can be justified by the fact that 70% of the World's hungry people are in areas of conflict and violence Like wise, the hissia- UKraine was has dis supted the global supply chain Both of these countries are major global suppliers of wheat, borley sun flower oil and other offord. able good products that delleloping nations sely on Russi as invasion of afraine has caused a sipple eggect around the world, kaising the prices of wheat, grain and fertilizer, and the ongoing war has limited or entirely disrupted access to these tital food-producing event ials for the rest of the world Like wise, World Food Progreshme, 100% of Gaza's population is at stark lisk of Jamin To conclu de, food in security is encouraged and exacerbated by conflict and political instabilities Thirdly, Kapid and unhirldered eurbanization is also responsible for enhancing food in security Due to this practice, large sueather of agricultaral land is used for constructing residential alexas The brunt of which is for producing sufficient food depletes on addition, a large seale migration has been observed among formers of reval areas to urban areas They sell their land for the lake of better life style and encome opportunities in urbon areas. Because of which, the labour which contributes to producing good substantially sheinks. To cut it short, saped urbanization is one of the major causes of unes ated food insecurity

ting the sisk of food insecurity Climate enange is caused by global warming, which has leds to heat would, droughts, melting of ice cops, biblical Floods, at normal precipitation, and many other interrelated phenomena The biblical Floods in 2022 is a ease at land, be ease of which crops were planaged on a high Seale Resultantly, the government had do import those crops which lould by grown domestically This disaster led to severe Jood insecusity Further more, because of internereuse in intensity of heat waves alocust attacks have become a challenging profilere In the oreas of punjob, agai culture is nog at in ely expected by these many courses of climate change which has led to exacerbating this problem. Last, but not the least, world has witnessed Jinan cialization of food, which has execusively contributed to food in security. It can be defined as, the significant role played by Jinancial morkets in the agri-jood sector. Various markets partaining to food are in cut throat completition with each other for accusave lating hand some profit the result of which is price hites, which has been seen consistently in 2007-08, 2010 and 2012 In addition, Prope Francis has rightly said that "The struggle against hunger and malnut sition is hindered by market priorities, the primary of projet which reduces jood steet to a commodity like any other, subject to speculation and Jinancial speculation in particular. In short, Jinan cialization of good among other causes have wear ad the topestry of good insecurity.

The effects of above mentioned cours of good insecurity are mentioned in the following paragraphs. First of all, proceedy and hunger dance in haymonious relationship to the symphony of food insecurity. This can be justified from the data that in 2022, according to FAO, 691-183 million people in the world Jaced hunger, which was 124

million more than in 2019 before the lowed 19 pand enic. In fact, 345 million, of those people are facing acute level of hanger including stown ation loverty and hunger complement each other When the economy of a courty is sinking, it has adverse impacts on agriculture and other in dustrice Because of Losses these industries are sheet down and numberous jobs are lose the lose of jobs leads to powerty and, in the long kun to hunger In conclusion, powerty and larger is the result of this crisis and a challenge for this centing Furthermore, Melnutrition is the most deastic effect of food in se cus ity fow bir the weight, child bood sturling, on semia in wom en of reproductive, micro nutrient deficiencies all some of many couses of this peroblem Like wise, according to WHO, A diet considered as in sufficient intake of vitamins and mineral will obstruct foetal, in fant, and child growth and development. These deficien eies leads to mental and physical under nour istement and the effected children will be unable to perform well in every walk of life, especially education to conclude, malnutrition is a hossend ous effect of this serious problem and a challenge for this century. Moreover, another effect, so a criminally neglected one, of Tood in security is the ever expanding challenge of depression. When the good prices sky rocket because of inflation and economic melt down, middle and floor class es are hit hardest They become disillusioned and hopeless about their ruless. Currenthe many people have committed suicides because of the ongoing crisis and uncertainty in the state of pakistan Such people indulge in illeit and alternative activities to earn their live lihood ever some people adopt the profession of robb. ery to meet the needs of their household Because of this constant depression and anxiety, there has been as observed growing instances of domestic violence, flence, depression is one of the sad reality of our time due to food in security and if it is not stopped, it will exacerbate in the mas juturg.

Lastly, there are other mis cellan law effects of jood insecur;

ty such as acute respiratory systems in Jections, Diarrhoea, malaria measles; low level of energy; growth failure, delay in maturation, simpaired cognitive ability; less ability to resist from in jections and illness, beduced lize expectancy, growth in maternal mortality, political into ability in the food in secure region, emigration and many offers. The bitt ex reality is that this chisis will welcome the up coming generations with increased night. The about mentioned effects looks threatening fourever, this challeng ed can be nigged in the bud by dopling the Joll owing recommon. dations. These are necessary and trucial to Keep the uproming generations away from hot we atom First things first, the use of fertilizers should be made offievent and reduced as much as possible. According to west, the use of firtilizers on wheat, rice and maize crops could be reduced upto 13-29% and the production is still the sand This is necessary be cause the use of Jestilizess and pesticides contribute to dinnite Change because of which, as mentioned earlier, food insecurity grown In addition, the wastage of good should be reduced as much as the possibility can allow It is because good waste leads to worke of money It also contributes to elimate change. This can be justified by the seport of ONEP in 2021, which says that glob ally, one-third of food produced is lost or wasted-crownd 1.3 billion towns of food, costing the global economy close to \$ 940 billion each year apto 104 of Green House Goses comes from Jood that is produced but not eaten. There fore, it is necessary to avoid or at legst reduce the westage of food in order to keep this century away from the brunt harm ful eggects of food ins Likewise, Jointrade should be encouraged between developing developed and under developing. International trade agreements and World Trade Organization should be received Sheh refor me should be brought in this organizations which encourage es joir teade and discourage jois trade by imposing sugorous

penalties on these who donot comply In such plann er, the menoce of good in security can be chaked to deth. Moreover, every single country should be encouraged to excel in in formation and communication technology. At present, WFP well a mothod of rainer ability ossessment and maying to conduct food security analysis of vulnes able population, allowing WFP to gather in distant areas Government and private sectors should join hands and invest in I. T industry to encourage unrovation and invention of new technologies to facilitate and protect jood insecure segions and population Lost by, Know ledge in Joemation System should be encouraged and practiced in order to car's food insecurity. Human resource must be developed through proper Gaining, education and skills development. Furthermore, the Knowledge improvement services, early warning systems and management in Jornation systems must be adopted because these opproaches suggest all other efforts to address good security Knowledge in Jornation systems are used to collect performance of data rela ted to erop production by using Remote sensing and field data networks to provide early warning and emerging food insecurity situations. FAO, WFP, and IFPRI took a global initiative and made Food Security Information Network to strengthen food and nutrition in formation system for making beliable and accurate data to guide granelytics and decision making! Is By adopting the mentioned approaches, the menace of jood insecurity could be successfully eliminated. All the substance of this essay boils to the conclusion that generation, but many generations to come there are three categories of Tood inservely, namely Acute, occassional, and chronic good insecurity There are many causes of good insecurity, but the most pertinent, important, and dangerous ones are Bur geoning population, conflict and political instability More over, rapid urbanization, climate change and financialization of good have

Placery cause has an effect, so is true about food insecurity. This problem has encouraged powerly and hunger, malnutritism, and depression and other interseleted and deadly effects flower ex, as every sickness has a cure, so is true about this problem. The Je asible solutions to curb jood in security from becoming a Legining challenge for the century ahead are efficient use of fertile zers, reduction it good waste, exhancement and encouragement of ICT, fair trade ought to be appreciated and strawledge into emation segetem should be adopted by adopting these prescriptions Tood insecurity can be at least mitigated, if not eliminated . It necessary because the Juture of this and upcoming generations is at stake. The Sooner we skalize it, the better neloged through resour Flaining advertion and skills development. Varthelmones. The Kind ledge improvement consices, ongle charring notions and maneroment in remation Existence must be adopted accourse less approaches support all other off with to address food security. Low before in recognition systems are used to collect performance or Sata sel nos anduction by wing knownte services and field data networks one to yearning and eggn sing and incounter Literations. I PO WFF It took a debat initiative and made book larusto In remail week to steam they rood and nutariin in remain within rot make inthe and arbusate data to sindo mandities and decision prating El adortina the mentioned arreasons. The menare of