and Don'ts for Generaral Science & Ability there, you've done well. Know that acquiring knowledge is one thing and reproducing it paper according to what's ked is another. There are a few things I would like to highlight. 5 mark part requires at least 2 and at mak 3 side a paper. I now that there can wo or ree parts of a question and their maks are divided accordingly. So, address all of them in a just manner. 2. Focus on time management. You get 35 minutes to solve one question and about 8 minutes per 5 mark part. Marage your time 3. You need to understand that your paper is supposed to look more scientific than theoretical. So, add flowcharts and diagrams where required.
4. Your handwriting and neatness can be not really impactful. Avoid cutting and overwriting. Malnustrocus on your spellings and your grammar. Country Here in & SA there's no deduction in marks but your expression will definitely create an under 6. In ability portion, give explanation for analytical ability question in words. You need Poto understand that a 5 mark part requires all Steps written and explained ex five years Good luck for CSS 2025. You're gonna rock in **CS** CamScanner sha Allah.:)

of age are stunted, while 17.7% Suffex from wosting in Pakistano Therefore, malnulvition is a mayor health problem that need do addresse in order to control different Type of discases Major Causes of Malnutvition i) Insufficient Foot Intuke & There are several causes of malnufrition. One of the leading Course is the insufficient food listate When someone donot have enough to eat, he or she faces the problem of mulnutsition. This condition is severe among poor or vulnerable Populations, such as children Pregnant woman, elders when more nutrients le proper growth development a health . For instance, For the 2022 poods plunged an

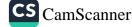
additional 205 million People in Pakistan anto extreme hunger, food shorting or insufficient food intake conditions (i). Poverty:

(ikewise, poverty is also a major cause of excess malmutritie When families don't have known income to purchase sufficient and and nutritional food, of resultantly, faces problem of malnutrition. For instance, povesty-stricken Sub-Scharan Africans, do not have access to Dutsitional food. They heavily vely upon Josols like maige or cossava, which axe caloxie dense but beth essential nutritions. In short, Poverty Is Focus on your presentation ill) Medical Conditions and Digative! Disorderson Similarly, Malnutrition also occur to medical conditions and digestive disorders. Medical

Such as Daiarrhea or convex com Course wosting of nutrition, leading to malnutsition. In the same way, digestive disorders such as Ititable Bowel Syndromes (IBB) prulcerative problem com also cause loss of sufficient nutrition from the body. in). (ack of Education or = finally, lack of education and awareness about a bulance diet, can also lause mailruttrition For example, in Yural areas, people do not know about nutritional locals neverted by volunce det. Consequences of Malnutrition; 1) Styled Growth :-First of all, malnutriti Can lead toward stupied growth. This type of disease are often unwable which results to weaker bones and muscles. One of the glaxing example and is the stunding of grown of children under age of five years. (11). Weak Immune system. Another major Consequence of malnutrition is weak immune System. Weak immune system makes the body vulnexable to infections and severe diseases. tor instance a lack of essential vitamis and minerals often results in malnitation D. Increased Mostality & Similarly, Malnuty-9 tion also lead to on increa in morality voles, seinere malmutrition Conditions such as parasmus often 3 lead to life-Threale my condition. N). Impairement of Brain of bown con also desult fine mol mutsition, y enever, chosen in The early uges be problem of malnetrix tion, it often leads to learning difficulties,

Hesentiale b/w Food Centamination Food Comeamination refers to be unintended prefer presence of continuated or harmfur molevials in the food These harmful substances à mûlerial be butteria, viruses, heavy metals et.c. However, presence of su pathogenic things can often lead to different types of disease For insigne, diarrea, estress, Poison estoc. Adultration adultation is an intentiona of food by adding inferior or hurmful substance Food is adultsate

When there is increase in demand or to greed of nuesed profit. For indig Difference yw these two-Continution Complimention is unintentioner and often unintended, we food adultsation is a subesate, with the ain of making profito ii). Contination occurs of due to improper handling of environmental butors, but bod adultration occurs by adding hormful or inferior substance (iii). Continionation can care short-term illnesses at infections, while food adults in com often kad to chomic diseases. proper measures, while food adultration. requeses skict vigilarry soby the food



What are Computer Busesq Computer buses are communication tools used to transfer data bolwern different components of the Same Remented device, such as the PU, memory and pheripheral devices. Types of computer Buses 1) Data Buss Date bus used to tranfer binary data between ODEL Central Processing Unit (CPU), memory and other hurdware Compenents. 11) Address Buss Add s bus tells the system when to find or Hoye be data However, it also carries addresses or information from the memory to other locations of computers

in Control Busy Control by Carries controlled signals that connect The cities of of various compospents The computer. Difference b/w RAM and Ko 1: (Read Only data parmanently so the re ding date only. ead Access Memory a type of volatile memory to store data temporarily used RAM direttly access any memory cell.

férence b/w here two ROM is a non-volatile memory, while RAM is a volatile memory. i). ROM stores doila permanent while RAM store of for temperory time period. ROM is designed to (read data only, but Rf v can read and write the datas "N) RAM is the f memory, while Ron the fast type of modified, while it tor

geostalinary Satellites Geostationary satellites are high Carth orbit Salellites, which are useful for communications. These salellites com only be achieved at an altitude of 35786 km from The surface of earth. Distinguish Between Prtificial and Nat-wal Salellitess Artifical Salellites. Astificial Satellites are men-made salellites, which ase restory orbiting around The EasTh , Fox emple, GPS salellites International purce Station (ISS) este, as attifical dellites. Natural Satellities Natural Sitellifes axe mature - made gatellite which oxbit

For instance, Earth is The natural Salellite of Sym, while moon is The natural salellife of Eartho Artificial Satellites of Fupiters Jupiters have no artifical sallites How ever, Jupiters have noturale Solellities. According to NASA, nexe are mond 95 moons of The Jupiters

NO8) Radio activity and its Types: Radioactivity is. The process of by which unstable atomic nueles loss energy by emilling radiations Hooter ton it ed of the of was discovered by French Physicist Henri Becquard in 1896, However, it also should be noted that radio activity con occur in astificial as well as in natural ways, and Altificial Radoaetrity. T). Artificial Radioactivity:
Artificial radioactivity occur by bombarding

the nuclei of go Stable element by a with a nuction. An example of an astificially induced radio-activity is newson activation. A newtron fixed into a nuder con couse nuclear fissions alia The i). Natural Rudio cuttivity. Natural Radeocachivity is the ca Sportaneous emission of radiation Cose by notivally occurring isotopes ! So Thorium over and natural hels Colex

known as to liomy lelitis, is Kind of a infectious discuses which Usually occurs in children. The countries with most of polio are Pakistan and Afghanistano Around 14 cases of polio have in Pullistan in the year 2024, excest according to Pakistan Polio Eradi Calier programo Housever, 9 polio coses have been found in Afganistu So fur 12 2024 symptoms of tolios-Initial Symptoms o feyer, latigue, headail Symptoms our severe, which leads to incessant parallysis.

Causes of Spread of 10 Polio used to spread by coming in central with a person who is infected by the visus. However, murly it spred from contininated water and unhygenic food. Polio varus enter in the body Trough Mouth, and more reaches intestine by passing mough the digistive trait. Trevention and Vaccine of Polio The only only us to police is the immunization with yactive Vacing the works best to prevent the sprent of Polio vivus. The most impostant and reflective to vaccines are Inactivated toles Vaccine (IPV) and Oxal Polio Vacine (OPV). IPV is injected in the budy, while OPV is taken by mouth or oxally

Steps involved in Solid Woster Management: The following steps are involved in SWM: D. Generation of Waster The Jet step is The generation of weste when motherials are considered of no value. involves The headling, storing, and process of woste. gethering who treesport of the waste handless iv). Transfex and Transports

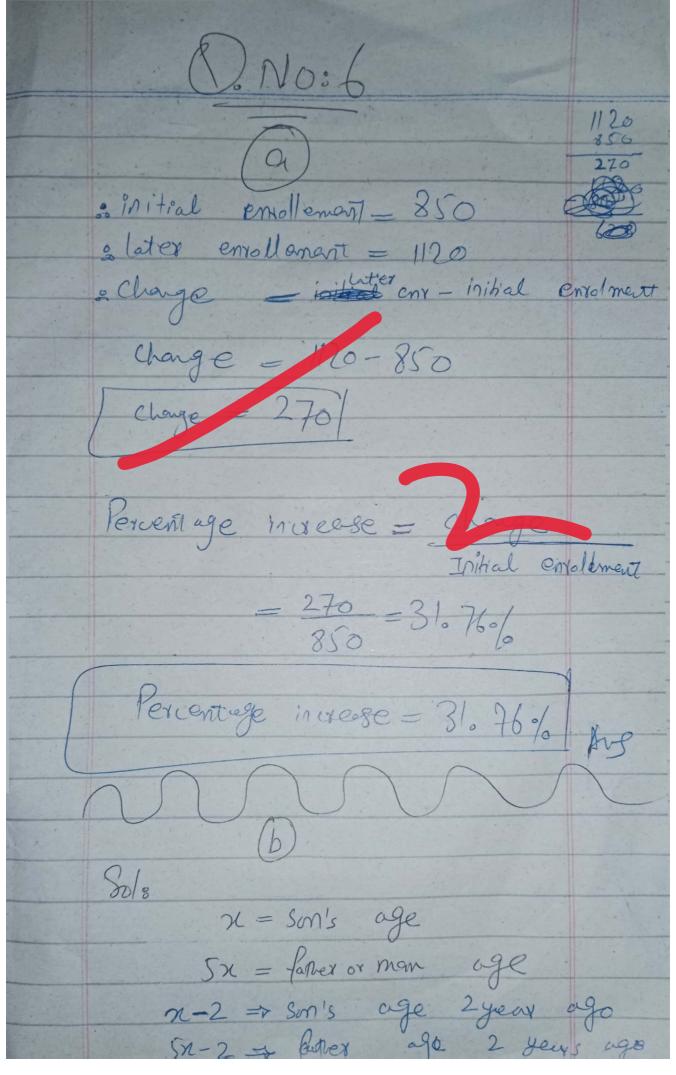
E = After collecting

Add flowcharts the waste, how the converne pasty has to ansfex the waste ofter not sansportation of the wis occurs dues c disposal area v) Disposal of Wester Step is The tisposul of wo. Population flanning is method of improvi the lives of people, including childrens, families and communities Population of the world is increa day - by day, According to the United Nations, world population hase reached 8 billion in 2022.

However, he population of an annual growth rule Benefits of Population Planning There are several benefits of "i) Reduce Infant mortality & firstly, Population planning can help to reduce infant child mostality. Infant mostalities contributes to The highest mothers mortalities occurs in the world. Around S50 deaths per 1000 live birth occured In Puthistan in the year 2023. Therefore effective family planning can reduce Child motality rule.

11), trevent Population planning effectively reduce Towns ye chances sexually emitted diseases. For 1831condoms provide dual Protection guist pregnancies and strongs trapsmission of sexually immitted is coses.

Avoid cutting (1). Educational Enhancement flowning con provide a chance to enhance their colucation For instances, umen can pulsue in even offer marriag iv). Stiagnant Population Grown g lower population prowths As improductive population have threatoning hos the Commerc Stability



 $(6(-2)^2 + (5(-2)^2 - 119)$ $2 \left[n^2 + 2^2 - 2(n)(2) \right] + (5n)^2 + (2)^2 - (2)(5n)$ = ||4|[22-421+4]+[25x2-20x+4]=114 = x2+25x2-4x-20x+4+4-119 0 26 x2 - 24 x 10 - 114 26x2-2/21-106=0 Solve it by hutorization.

