Dos and Don'ts for Generaral Science & Ability July 2024 POCK 3 Hi there, you've done well. Know that acquiring knowledges some thing and reproducing it in paper accoording to what's asked is another. here are a few things I would like to highlight. 5 marks part requires at least 2 and at max m3 s des of a paper know that there can be two - Horthree parts of a question and their makes are addiv ded accordingly. So, address all them in spanner very reluctant to form Londs eminutes to solve one reestion and about 8 : Atminutes per a mark part Manage your time by 3 Covalest. You need to understand that your paper is
Hydrogen Atom seach hydrogen dom has one election and supposed to look more scientific than configuration
Oxygetheoretical, So, add flowelbarts and diagrams where regulired as two more to complete the shell Covoled. Wourhandwriting and neathers can be really impactful. Avoid cutting and overwriting 5. Focus on your spellings and your grammar. Here, in GSA there sono deduction in marks but your expression will definitely create impact. 6. In ability portion, give explanation for analytical ability question in words. You need to understand that a 5 mark part requires all steps written and explained. Good luck for CSS 2025. You're gonna rock in sha Allah.:)

3.6) Doping = a key process in the function of semiconductors. and p-type (more holes) in semiconductors. Two Types of Doping: 1) N-Type Doping = adding a small amount of impurity with more valence electrons introduces free electrons. Those electrons can move and carry electric current, enhancing the conductivity 2)P-Type Doping = adding an impurity with fewer valence electrons, creates "holes" in the crystal structure. These holes can move as reighbouring electrons jump into them, also allowing the moterial to conduct electricity Advanced Geramics Iraditional -electroceramics Geramics Comagnetic and whiteware Optical ceramics) structural clay - advanced structural -brick and tile Ceramics Chucker and bioceramics) Ceramics Nono-Ceromics On basis of -class of ceramics that composition: have grain sizes in the - Oxides nanometer range. Exhibit -non oxides enhanced physical, chemical, and -composites mechanical proper

3. c) Demerits of Global Warming: -> increased frequency and intensity of heatwoves can compromise human health (lead to illness or death) -> changes in temperature precipitation, and increased COz levels can selfe affect crop producity, and food security > water availability > some regions (e experiencing droughts >ecosystems and bidiversity > habita ; species are 3 forced to migrate Merits of Global Warming: - areas with freezing temperatures (Anto ctical become more habitable 3. d) Polio = highly infectious disease (viral) which mainly affects young children > there are 3 strains of poliovirus, none can survive outside of human body for a long time -> Symptoms = invades rervous System fiver, fatigue, headache Vomiting, can cause total raralysis in hours -> Causes = spreads in human feces, cor aminated water food -> Prevention = there is no cure, can only be prevented - Vaccine = inactived polio vaccine (IPV) and Challenges in eradication of politin Pakiston:

-> Sanitation and hygiens are poor

-> improper sewage risposal in rural greas children should be vaccinated Starting of 2 month > lack of education amongst new mothers

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4.a) Bile = Chemical substance that break down fats and makes them more digestible > produced by the liver > aids in digestion of proteins, fats, and carbohydrates > emulsifies fats, making them easier to digest > stored and concentrated in galbhater. Balbladder releases bile into small intestine to be aid in fat digest.	
4.6) Function of Kidneys: > regulates blood pressure and the level of vital salts in blood -> nephrons filter, reabsorb, and secrete iglutamate, carbs Ond solutes -> Loop of Henle concentrates the salts which are added to the urine to aid in excretion	
4.c) Methods of Solid Waste Management: 1) Generation -> waste is produced and begins to increase in volume 2) Collection -> waste is picked up from the location (e.g. municipal, industrial, biomedical, agricultural) 3) Transfer -> system is designed to carry waste towards	
Collect facility 4) Treatment -> waste is managed using a variety of methods such as noing of recycling, landfill (buried unders sund), transferred across sites	

84.0 i) Andemia = condition of having low iron in the blood ii) Appendicitis = condition in which appendix be comes inflamed, requires removal of a pendix iii) Spleen = Site of concentration to lymphocytes iv) Myopia = condition of rearsightedness (person can only see when going rear), corrected by concave lens Section II 6.0) A:B:C:D Difference between A and C: 1 KOTT 4:7:3:1 -Let increment of 1 = 50 blocks : B has 350 : A = 4x50 = 200 blocks ocks B = 7x50 = 350 blocks C=3×50 = 150 blocks $D = 1 \times 50 = 50$ blocks 6.b) Original cost = \$80 15% discount = 0.15 x 80 => 15 20.15×80=82=12 Price is now 80-12 = \$68 10% sale tax = 0.1 x 68 6.8 Final price = 68 + 6.8 = \$74.80 3

