day/date	Dos and Don'ts for Generaral Sclerge & Ability
aay/nate	PapeMack brann Uss-2025
	Hi there you've done well. Know that acquiring
	knowledge is one thing and reproducing it in paper according to what's asked is another
	general exercice things would like to highlight.
	1. A 5 marks part requires 2 sides(not more
	than there can be
100	two or three parts of a question and their marks
X2:a	- Globa are divided according & Soladdress all tof them
	world the mast what marshing and least developed
	2, Focus on time management. You get 35
	To reminutes to solve one question and about 8
	meaminutes per 5 mark part. Manage your time
	Reduction dipologies gas emissions:
	3. You need to understand that your paper is
	enussi supposed to look more goientifications
	and industry. Address all parts of your question
	Transifioning to renewable energy Sources:
	hoy 14, Your hand writing and neathers' can be really
	depeinspactful. Avoid cutting and overwriting.
3-	
	Here, in GSA there's no deduction in many but
	In VOHREXPRESSION Will definite Vereale an impact
L	in and induction
	analytical ability question in words. You need to
	and public and that a 5 mark partirequires alf steps
written and explained.	
	Good luck for CSS 2025. You're gonna rock in
	•
	sha Allah. :)

day/date (prove) Carbon Capture and Storage: 5-Develop technologies to Capture and Store Co2 emissions from forwer 6- Protecting and reporestation. Preserve and restore forests to maintain their Boon Sequestration Capabilities. Climate Change adapation and resilience: 1 Support Vulnexable Communities in development adapation Stragegies a buliding vesilience. B. Here are the functions of artexies, veins, and Capillaries: Arteries: - Carry ongenated blood away from the heart to the trest of the body - Have thick walls to withstand high Pressine. in de Porto Smaller arter Poles and heart Veins 2 - Cary deonygenated blood back to the heart. - Have thimmer tools and less pressure Horn arteries. Add diagrams thom arteries. - Merge into larger venules and enventually the Superior and inferior vena Cove. Capillories: 3-- Allow for enchange of ongen and (Vicky) nutrients with Cells

day/date

- Have thin walls and gree highly permeable - Form a network that enables gas and mutrient enchange. C- inhat do atoms from Chemical Donds? Atoms form Chemical bonds to gain Stability and Valence electrons. Watex (420) has a bent shapes due to imegual Sharing of electrons, resulting in Polar Convalent bonds. Namia Stability. Atomic Seek a full Outer energy level, Which is achieved by shaving or enchanging pleatrons. Chemical bonds: enchange electrons to achieve Stability. 3- Water Smich re: Langen Show electrons Unequally with hydrogen atom on hydrogen and a Slightly positive charge on hydrogen and a slightly negative charge on oxygen. This Polarity gives water its unique Properties and biological importance. D- what are conductors, Semiconductors, metals plactics, and Departics? Give an enample of each. (Vicky)

ay/date Here are enamples of each. E Conductors: Videly used in Velectronics and electrical 1 U Wiring. Characteristics: High Complativity, malleability, 1 and ductility. SemiConductors: -Silicon: Used in electronics and --Computer chips, internediate Conductivity 6 Characteristics: Can & trol Conductivity, 2 Used in transistors and Solar Cells. Metals: Aluminum: Good Conductors, malleable, and widely used in aircraft and Packaging Charactistics: High Conductivity, Strength, and Corrosion ressistance. Plastics: polyethyleme: Insulator fierrible, and Widely used in packaging and plastics bags. Charactistics: De Conductivity, lightereight, and resistant to Corrosion. (5,A: What is artificail intelligence and is it Possible for artificial intelligence to outsmart humans? Ans: Artificial intelligence (AI) refers to the development of compater systems that Can perform tasks that typically (

date

require human intelligences, Such as Learning, problem - solving, and decision making. Whether Al Can Outsmart homans is a topic of ongoing debate. While Al has made tremendous ) progress in recent years, it Still has limitations and is not yet Capable of supassing human intelligence in Many areas. Types of AI & Seneral or Strong AI ( by othetice), her an -level intelligence) AI applications: machine learning Natural language pocessing Computer Wiston Robetic Enpert Systems Define Yock's formation, rock Cycle and B-U different types of rocks ? U Rocks Opermation :-V Rock are fromed through geological plotoses, including bouling and bolingication of magna or lava, Cementation los Jeciments, and metamoophism of enisting rocks. Rock Cycle: The rock Cycle describes the Continous process of rock formation, transformation and destruction. It involves the Ocky

## Proper explanation is required

day/date the three main types of rocks igneous, Sedimentary, and matamorphic. Trapes of rock =-Igneous rock 1-1 Sedimentary rock 1 3- Metamorphil rock Enplain Carbohydrates and its types? 4 Ans: Chapohydrates are biomolecules that 1 Serve) as energy Sources for Cells. The main types of Carbohydrates are: 6 . Types ( Mondsaccharides: (Simple Sugars) Enample include glacose, finctose, and galactose Disachavides: 2-Fromed by liking we monosaccharides, examples include soucross (table Sugar) and lactose (milk Sugar) Poly Sacchariales : (complen Carbohydrates) 3 -Examples include cellulose, starch and glycogen. what are the benefits of balance D\_ diet? Balanced diet benefits: optimal nutorition 1-- Essential nutrients - Vitamins Vicky - Minexal What is balanced diet? Add a flowchart

day/date 2. Emergy and performance: - physical energy - mental performance 3. Weight management: - Healthy weight - Body composition 4. Disease prevention: - chronic d'ase - Injections 5. Imploved mental health: - Mood regulation - Conquitive function 6- Healthy digestion: - Regular bowel movements - Prevents Constipation Depine I.Q what are factors which affects 7:A T. (V 9 1. O (intelligence Austien) is a Score derived Ons: from one or more bunderdized tests designed to asser human intelligence. Factors that crect I.Q include: Genetic 1-Environment 2 -Nutrition (Vicky) 3 -Education 4-

day/date 5-Socioeconomic Status C 6-Health Culture 7-1 B. what is circumference of a circle with 6 Vadices your -The Circumference of a Cir with, a C radius of 1cm is C Circumperence = 2X XX radius -11 = 2 x 13.14 x 4 cm E-= 25.12 cm dons E-G C -Age of S-student is 20, 22,21,21,23. Find mean, median, mode and Vange? For the ages of the S Students: mean :-Sem of ages = 20 + 22 + 21 + 21 + 23 = 107 mean=Sum Vot age | Number of Students = 107/5 0 107%5 = 21.14 Median :-Arrange ages in order: 20, 21, 21, 22, 23 median = middle value = 21 Mode :-Most frequent age: 21 (aprears twice) Mode = 21 Range :-Highest age - Lowest age Vicky

. day/date 5 - 23-20 5 = 3 > D- Takir Started a business with a Capital of Rs. 15,000. After 5 months umar also Joined him with an investment of RS. 30,000. At the Start of 9th month, USman Joined them by investing Rs. US,000. At the end of the Year they earned a propit of Rs. 406,000. Find the share of each only? Ans: To find the share of each person in the profit: Total investment = Tapicos investment + Umars investment + Usmans investment = = 15,000 + 30,000 + 45,000 = 90,000 Profit Shaving vatio = investment vatio Tahir: USman : USman : 5,000: 30,000 : 45,000 1:2:3 Total profit = Rs 406,000 Tahir's Share = (1/6) × 406,000 = 67,667 Rs. Umaris Share = (1/6) × 400,000 = Rs. 135, 333 Usman's Share = (3/6) × 106,000 = RS. 203,000 Vicky

day/date The tatal population of a village increased from 18,000 to 22,500 in a decade. Q6:A What is the percentage increase of popullation per year of their village? pms: Population increase = 22.50 - 18,000= 1,500Percentage increase =  $(4,500 | 18,000) \times 100\%$ = 25%Pexcentage increase per year = 25%. - 10 years -= 2.5% per year A Soap factory makes 600 units in B-9 days with I the help of 20 machines. How many units Can be made in 12 day with the help of 18 machines? Units made in 9 days = 600 Units made per day = 600 = 7 5 68.67 Units/day Units made by 18 machines in 1 day = 3.33 18 = 0 60 units / day Units mede in 12 days x 12 = 720 Units. C- A Car Covexs a distan of USom in 1 minute whereas train covers 69km in 45 mins. Find the ration of their Speeds? Caris Speed = 450m/1min = 450m/min Train's Speed = 691cm/45mins = 1.533 km min Patio of Speeds = Caris Speed : Trains Och

day/date - 450m/min : 1.533 m/min
= 450m/min : 1533m/min (convert km to m) = 1:34 kms Find perimeter of a pentagon with each Side equal to ISang perimeter of a pentagon Fride Lenght = 5x 15cm Ans = 75 cm