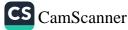
General Instructions General Instructions 1. Give Standoning to headings	
 2. Do not write lengthy paragraphs. Write medium sized paragraphs with headings. 3. Do not use table for comparison and contrast questions. 4. Draw figures/dragram/flowchart/where headings. 	
needed. Ata, and ideal through some 5. Start new question from fresh page. At 6. Write unit of the answer in ability section. 7. Explain mathematical steps and the reasoning for better score. Called as	
reasoning for better score. Called US 8. Change colour scheme for references to some give them more visibility. 9. Manage time well. 10. Wide page borders are discouraged ata	
Should be reasonable. 11. Avoid writing wrong references. 12. Give more weightage to expressedly asked part/s of the guestion the weight asked	
2- Local Area Network (LAN) 3- Wide Area Network (WAN) 4- Metropolian Network (MAN)	
6- INTERNET STANDARDS:	
Sort of networking mechanism	
which defines the cuspets of	
World Wide Web. These standards	
Gie thorooghly tested by some Internet societies which later	
Internet societies which later	and a second
On the workd wide web	
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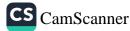
These webs can be as HTML, URL, HTP etc. b- What is Artificial Intelligence. Define its pros and cons. ANSWER: -Artificial Intelligence is the fifth generation (Gen Z) technology of machine learning Capabilities, which is used to do tasks, problem-solving, done by humans. Pros of Artificial Intelligence: It facilitates the homans in almost every field of life It is effective and accurate which allows in the analysis of data as well. It reduces the cost of Chaper Products and lervice: and allais to improve human decision paling. Cons of Altificial Intelligence: It is uncontrollable as they don't have anotions and feelings. It is the cause of unempedyment and does not imprement any critical thinkings. Also, There Al's are thighly costs.



c- How is an 'optical fiber constructed?... ANGWER: OPTICAL FIBERS: Optical fibers are made of either from glass or plastic and are than as human harr. This this layer of bland is covered in the four layers of plastic Which are tested in varies Pillas These and non-metalallic in nature, which transmit clata using light technology in grass thread. It transfor electromegnatic radiations through ractio megnetic wordiatons which are not affected by the environmente pollution. 0- Comprehensive note on Dioavailibility of neutriants. ANSWER: -Bioavalibility of neutrients is defined as the rate of a neutrents that is absorbed and utilized by the body, which causes an active effect in the



body. H could be included in any mineral, peolein, vitamin etc. Notrient Bioavilibility is dependent on multiple lactors. FACTORS WHICH ARE EFFECTED BY BIDAVALIBILITY OF NUTRENTS: - Age 2- Gender 3- Health 4- Consumption rate of body 5- Personality maintanience. Question 4: a - what is solid waste management ...? ANSWER. SOLID WASTE MANAGEMINT:-Solid waste management is defined as the procedure of Complete process of collecting, treating and apposing of Solid wastes. The wastes are Collected from multiple areas and Through alterent techniques These wastes are treated for The end results which is known as disposal of the waste.



National solid wade management Strategia in Pakistan. Pakistan Precluces huge amount of waste every year which GHE is managed for disparal if by differnt straticgies strategies as - Land fill methods »- Recycling method 3- Size reduction Screening method 4-Although there are many surves in these strategies Smpp mentation of well. methods to improve the Solid Waste management situation in falcistan: There are moltiple ways through which we can make the situation better of Lovid waste pro in this COUNTRIP as: - Educating, training; and awareness comparingnes. > Installment of sustainable Waste containers in every street. 3-Prepare and Segregate different thype of waste from each other. 4- Effective collection methods 5- Implementation of R's of waste; Reduce, Reuse, recycle, Recover and rocidual management techniques



what is GIS? ANGUER :-GIS: GIS is known as Geographic Information Lystem which is 20mputer System used capturing, Storing and Checking Clata velated to the different position on the Corth Surfage GIS is positions Installed technology integrated 1000010 a (Cassing Components of GIS: There GIR Rive components of GIS, which Bupputs the system for the imprementation, which are as followed; Hardwares Softwares, DGta, People Ond Methods. What are Montreal and Kypto Answer: These protocols are the global agreements on the emission of



Greenhouse gases. Montreal Protocol: This Protocol was established as OF Global agreement which was related to regulate Consumption and production also, to reduce the emissions of ozene deplition Substances. Kyoto Protocol: 17 33 On International agramment Which was related to with the reduction of Greenhouse Gases emission and also the reduction of Corbon Clioxide cmissions. Carbon market: The trading market of Carbons is called a Carbon Marlet 11 is a voluntary marinet place where boyes and lellers come up with the intention purchase of self their carb carbon according to their need and dominals. CS CamScanner

SECTION -B . a- Devide \$370? SOLUTION: Total amount = \$370. division = second part is & of third rations between first and third = 3:5. let the ports are represented by (n) So, first q third part = 3n : 5n. and lecond part = $\frac{1}{4} 5n$. $= \frac{5\pi}{4}$ So, $3\pi : \frac{5\pi}{4} : 5\pi : \frac{5\pi}{37} = \frac{370}{7}$ $= \frac{37\pi}{4} : \frac{5\pi}{37} : \frac{30\pi}{370} = \frac{370}{37}$ $\pi = \frac{370}{7}$ $\pi = \frac{10}{7} : \frac{6\pi}{7} = \frac{70}{7}$ $\frac{\pi}{4} : \frac{10}{7} : \frac{6\pi}{7} = \frac{6\pi}{7}$ $\frac{10}{7} : \frac{5\pi}{7} = \frac{50}{7} = \frac{10}{7}$ 5x = 5(0) = 50. so, 30:12.5:50=370.



b- Kashif required \$ 800? Answer: Requirement = Rs. 800 Borrowed from brother = 201. = 20 x 800 =RS1.60 Mother fonding = - 30%. = 30 x 800 = 13240 Bonk money = 200 adding all money to get how much money he got in total = 200+160+240 =Rs.600-Remaining money = = RS.000 - PS.000 - RSZOT So, he waneed Rs. 200 more C-Three bags Contain SOLUTION: Three bags contain = 3red, 7 black Bred, 2 black yred, bblack balls. random sampling for red ball.



number of ways random lompling = total presible outcomes 31 probability is = 145 d- The traffic lights? SOLUTION: traffic lights of 3 differnt roads change 34 sec: 36se, 72sec 8:20: 00hrs Changing Kimultanecust at again these doll Change at 8:21:12 Question 8. 6. If Rost is coded? SOLUTION: = 6821 ROSE CHAIR = 73456 PREACH = 961473 SEARCH = 214673

Working?



c- IF A is the brother of C SOLUTION: A is brother of B B is sister of C Cas father of D B .0 to A = 2so, - A and B are kiblings - B and C are siplings (B is sister of . . - Cispatha of D Sc, Dischild Cispathar. B rephew of A. - D d- Kashmala moves N Solution: Kashmala travels w 6 35 km = west. takes right turn. 50km then right durn = 35 km 35 km 50 Km disjonce of her 35km = 5D/m.

