Dos and Don'ts for Generaral Science & Ability Paper Hithere, Du've done well. Know that acquiring knowledge is one thing and As every body nother. There are a Jew things I will would like to highlight where of things I where the highlight where of things I degital A Suma kg part sequires a least & and at development sides of a peoplet. It in the retainere can that be the series of the land the general in a lust many serely the clevelop.

That was and many serely series all that was the general in a lust many the clevelop.

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The minute of the min the minutes to a wone question and about 8 Avtificial religionce (AI) would be used by Cordinate (AI) would be used by the post of the world by Young paper is the sepased to look more scientific than ! now theoretical. So, add flowcharts and diagrams to propere required instead of Stechnicity. Your handwriting and neatness can be really impactful. Avoid cutting and overwriting. 5. Focus on your spellings and your grammar. coullerge in GSA there's podeduction humarks Exalbut Persion will definitely create an Say introdict both are the Central processing units analytical ability question in words, you need to understand that a 5 mark part requires all steps written and explained. Good luck for CSS 2020. You're gonna lock in **CS** CamScanner sha Allah.:)

If their is a deficiency or need to be fullfilled, CPU indicate it on the Compuler sceen uthile the pe beain give signal Concern bipart where there is an issue. o CPU decides wheather the input signal is good or not for the imputer in the Same bean warns regarding anything hasmful for human.
Neither Computer exist without course human body with out the prain-Part - C Balance Clieto - By balance diet we means that the food that we eat Contains the required amount of Proteins, fats, carbohydrates, minerals, and vitamins or not-97 all these fineluded in a diet we say that the diet is balance. -) Of their is a deficiency of anything (from the above) than it's required amount then it is said to be imbalance diet -> Balance cliet is a healthy while Unbal-ance diet is Usually unhealthy. -> Meat, Pulses, grains, Vegetables, fruits Daixy Product et are the source of balance diet. Deficiency of Vitamin A: Effects the eyesight. B: Blood Problems are mainly Caused. C: Cause a disease called Schway

|  | Past - D.                                       | `    |
|--|---|------|
|  | Optical fibers                                  |      |
|  | Optical fiber is usually a single layered       |      |
|  | was wike used for the transmission purposes.    |      |
| ->   | It is Surrounded by other two layers            |      |
|  | as well that helps it in Protection and         |      |
|  | [ast trans mission:                             |      |
|  | Jas. Cions wasson                               |      |
|  | °Cips"  |      |
| ->   | Geo-Positioning Sattelite, (GPS) is a Sattelite |      |
|  | Used for the information Collection from the    |      |
|  | easth   |      |
|  | If Capture images, Collect information and      |      |
| Additional Conf. of the Conf. o | Sent it back to the earth-                      |      |
| ->   | It is highly used for live transmission, and    |      |
|  | Could be also used for weather and forecasting  |      |
|  | Durposes as well.                               |      |
|  |   |      |
|  | 2D, 3D location                                 |      |
| ->   | 2- Dimension and 3 Dimension locations can be   |      |
|  | measured by the Safellit strough it's live      |      |
|  | detection or Presence of Costain Point.         |      |
|  |   |      |
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| Q NO 3.   |  |
|---|--|
| "Part -a"   |  |
| "Why atoms form Chemical bonds"   |  |
| -> Every object of the universe taying to attain                        |  |
| Some Sort of Stability. I In the Same way                               |  |
| an atom also try to littain the Stability                               | -  |
| by Completing it's outermost who shell with                             |  |
| electronso by through Chemical bonding.                                 | -  |
| - This can be achieve either by:  |  |
| (i) lonic bonding   |  |
| (ii) Covalent bonding   | -  |
| (iii) Co-ordinal Covalent bonding or                                    |  |
| (iv) I elalie forcing.  |  |
| "Covalent Bond"   |  |
| in Water H.O  |  |
| the bond former by the mutual sharing of electrons is Coval at bonding. |  |
| electrons is Covalize bonding.  |  |
| o In water (H2O), two hydrogen outoms share                             |  |
| it's outer electron (1 in each) with a single                           |  |
| oxygen outom (valency of two) and forms water                           | <b>Y</b>   |
| molecule.   |  |
| · By this Hydrogen along Complete two                                   |  |
| electrons and attant ability.   |  |
| · Daygen Complete octet in the Shell and                                | -  |
| belomes stable  |  |
|   |  |
|   |  |
|   |  |
| H 1043 H  | The second secon |
|   |  |
|   |  |
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|   |  |

Int-b-Q#3. Dopping atom is known as doppe doping. . This could be other added from the Troup-III or group of the Periodic table Elements. From group III it is so to be P-type and from I it is known to be N-type. Types of Ceramics On the basis of Composition, Ceramic has three types & (i) Non-oxide
(ii) Non-oxide
(iii) Proper explanation is
(iii) Non-oxide
(iii) Proper explanation is
(iii) Non-oxide
(iiii) Proper explanation is Mon- oxides. Fant-C, Q #103 Mexits of Global warmings (1) Growth of Certain Plant happens in the warm environment. (ii) Alleriate Certain disease by killing bacteria sensitive to the Warmness (iii) Pullfills the availability of water by melting the glaciers and somblice over main mountains top. Liv) Exadicate the Chances of drought (v) The water is in abandunt, and and Used l'agriculture purposes. (a) Ozone depletion is Caused by global (b) & Can cause floods in the River.

| ec A major Cause of Green house gasses                                | <u></u>        |
|---|----------------|
| ed) Change the weather Pattern and                                    |                |
| Specially Rain Pattern  |                |
| (e) Cause Certain Social and economic                                 | 20             |
| Deoblems.   |                |
|   |                |
|   |                |
|   |                |
| Part - d - Q # 03.  |                |
| "Polio"   |                |
| La Polio is a Nival disease, mainly cause                             | d              |
| in the new boxn and small babies.                                     |                |
| Is the major cause / victims rowe Children beca                       | use            |
| · Ahay have - a weak immune System and                                |                |
| Could easily by be attacked and damage                                |                |
| by the vixus.   |                |
|   |                |
| Challenges in Pakistan to   |                |
| erridicate Polici.  |                |
| 10 Lack of educations   |                |
| Due to the lack of education is our                                   |                |
| Society, we do not take the to serious                                |                |
| and trying to avoid the polio Vaccination                             |                |
| to our Children   |                |
| (ii) Religious thoughts:  |                |
| Some people think that the vaccine are                                |                |
| Non-muslims mujactured so they don't                                  |                |
| want to manise their Children   |                |
| (iii) clergical believes .  |                |
| The Society of Pakistan is majorlished and easily Come in grate of so |                |
| Called Cleric (Not all), but Some of them                             |                |
| & has declared it as Unlegitimate - And                               |                |
| Quals a carte and is the higgest following                            |                |
| Pakistani Society and is the biggest followers                        |                |
| of Such People-   |                |
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(iv) Cep Concept of Certain Parents: Some parrents think that their is some-thing else in the Vaccine instead of medicine. not thinks of it a Congracy of Pagans o have and sow the Seed of Stupidity in the new generalis. Section I Q#07, Part a: Volume of Cylinders Giver datas Ladius of cylinder 8=30 cm or 0-30m Height of cylinder h= 1 m Required days.

Nolume of eylinder v=?

Calculations As we know V= 1182 Put values N= (3.14 (0.30)2 (2) = (3.14)(0.90)(2) = 28260 10000 = \$1806 00 OR - 2826 x 160 cm 10060 = 28.26 cm3 2024.07.10 23:08



Givens Age of three boys = 15 years
Ratio of ages = 3:5:7 Required Age of youngest boy =?

Calculations

Sum of Ratio = 3+5+7 = 15

Age of 1st boy:

= 3x1 = 3 Year

Age of Second:

-5x15

+5  $= 5 \times 1 = 5 \text{ Years}$ of third boy: = 7x1=7 Years. Moungest boy is 3 years old. 07 - Part - C. Series: (1) 8, 19, 52, 152, 447----=> Here 151 is wrong in the skies. (11) 11, 13, 19, 19, 23-I The next in this series will be as it is the series of Compose numbers. 2024,07:10 23:09 Given:

Given:

Triangle of Sides 5em, 4 cm, 6 cm

Requised:

Angle of each side=? Calculations A triangle Can't be drawn with this data (data is incomplete). The Sides are unequal in length, they will not touch each Side -Arrange jumbled words (1) terrisuperted.

Suprintendent. (1) hwetie White Q6 - Part - C. Given & Distance S = 42 km · Speed V= 36 Km/hr, Departur=4Pm Required Time to Seacho t=? Calculation As we know S=Vt 412 = 36xt 1-16 h 0) t= 69.6 mins

|                 | The train will and to its destination in 116hr | 1  |
|-----------------|--|----|
|                 | or in 69.6 mins. A mean the main departed at   |    |
|                 | 4Pm will sex reach their after 69 6 mins       |    |
|                 | The assival time will be appoximately:         |    |
|                 | 5:9:06 Pm 5:10 Pm                              |    |
|                 | of 5hrs, 9 mins and 06 seconds in evening      |    |
|                 |  |    |
|                 |  |    |
|                 | Q No 06 Pan B:                                 |    |
|                 | Given: Cost of shoes = 80 USD                  |    |
|                 | Discount = 15%.                                |    |
|                 | Sales tax = 10°/0                              |    |
|                 | Required                                       |    |
|                 | L Pinal Price=?                                |    |
| now and desired | Calculation                                    |    |
| ,               | As discount is 15%.                            |    |
|                 | Rice after discount :                          |    |
|                 | - 80x 15°/-                                    |    |
|                 | = 12 USD Discount                              |    |
| •               | rice after discount =                          |    |
|                 | = 80 - 19 = 68 USD                             |    |
|                 | Now 10% Sale tax is to be imposed              |    |
|                 | = 68× 10%                                      | -  |
|                 | = 6.8 Use of tax on the                        | 1  |
|                 | Par of Shows                                   |    |
|                 | Final paice will be:                           |    |
| •               | = 68 + 6-8                                     |    |
|                 | = 74-8 USD.                                    |    |
|                 |  |    |
|                 |  |    |
|                 |  |    |
|                 | 2024,07,10 23;                                 | 09 |

Q NO 6- Part-A Ratio of toys 4:7:3:1 of blocks A, B, C, D' A" block is more toys = 50 toys that " Required: Number of toys in "B" block. Calculation: Toys in 1010

Lt50 A

Sum of Rate = 4+8.7+3+1 = 15

Tous in A block: A x4

15 Toys in B block: 15  $7 \times 8$   $15 = 78 \rightarrow 3$   $15 = 78 \rightarrow 3$   $15 = 8 \rightarrow 3$ C+50 -> (5) Compare with (3) 5 O(C+50) = CX15 5(C+50) = CX15 SC+250 = 15C. 250= 15C-5C 10 C = 250 2024,07,10 23:10

|   | blak A has     |  |
|---|----------------|--|
|   | A= C+50        |  |
|   | A= 25+50       |  |
|   | A = 75 Toys    |  |
|   | 4              |  |
| 7.00  | Block "OB" hou |  |
|   | B = 15 = A     |  |
|   | B D = 22 Toys  |  |
|   | B @ = 22 Toys  |  |
|   |                |  |
|   | Block "D" has  |  |
|   | De Coo o o     |  |
|   | D+20=C         |  |
|   | D = 25-20      |  |
|   | D= 5 7045      |  |
|   |                |  |
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| Charles and the second |                |  |

