Dos and Don'ts for Generaral Science & Ability Paper one well. Know that acquiring knowledge is one thing and reproducting to majoer according to what's asked is another. There are a few things I would like to highlights 5 marks part requires at least 2 and at mak 3 sides of a paper. Know that there can parts of a question and their Pranks are divided accordingly Sofaddress all Mathem in a just manner. Focus on time management. You get 35 minutes to solve prequestion and about 8 minutes per 5 mark part. Manage your time accordingly. You need a understand that your paper is supposed to look more scientific than "Incoretical So, add floweharts and diagrams thwhere required yours L. 4. Your handwiiting and neathess can be really impactful. Avoid cutting and overwriting. 5.Focus on your spellings and your grammar. SSA there's no steduction in marks but your expression will definitely create an 6. In ability portion, give explanation for Fanalytical 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 **CS** CamScanner sha Allah.:)

| T. |
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(b)

is a process through which impusities ared added Into Chemicals. The pure chemical of periodic table umdergone the process of doping by adding impusities. EX# The element from 5th group of periodic table known as phosophorus. Ot is a pure chanical. Ixhan the impusities mean other substances would be added into it. It would become a dopped Ceromics one the non-organic material that are shaped into a desired result by heating. Most Celamics are made from clay. Exp Washrum items, place, Shutte.

Modern Traditional are not made are made up of up of traditional clay by heating metrod and clay. · Bucks, washroom Ratter. a Chemical items, plates ic. is used for their formation Est. Space Shudles -Helicopters etc

(d)

Polio

is a clangerous diseases

that could result in either complete

paracysis or death only parcistan

and Afghan one facing the

threat of posio. It is also known

as "Polymelities".

Sympletons

Faligue - Weakness

Pever

Headache

fuse

Por restricting this dise se various

doeses our necessary

2-4 - 1 dose

4-6 - 2 dose

6-12 > Booster dose

| Date: | |
|---|-----------|
| Day: Challenges in pakistom for esabla | ation |
| of Polio | |
| an all and make the | |
| · lack of awareness about the | |
| Conservative attitude about polito | |
| Vaccine: people Consider it illegal | |
| Jerrorism Threat: polio vostros one | 20 |
| killed on in tribal oneas. In the | |
| 2024, Two polio workers were killed | |
| Mullahs: Mulloth have announced it | |
| i'llegal | |
| Calelessness of the Concerned | |
| authorities | |
| | |
| | |
| | |
| | I Service |

| Global Worming |
|--|
| Global Warming (t is a not |
| a region-specific phonemon rather |
| it has become a gestal insue. |
| A sefers to sise in temperature |
| clue to accesoration of green |
| house gases. |
| Ippee Ipcc: global temperature |
| will cross 1.5 degree celsius untill |
| 2050. due to global worming warning. |
| |
| Merits and Demists of global |
| Klarming |
| |
| - Merits - Demists |
| · natural process excessive rise in |
| of green house temperature: Ippre report |
| gases is beneficial. That's in hear stroke |
| For humanity Karachi: people were wiesed |
| merersary for due to heat stroke |
| human sunival |
| |
| |

| Da | Date: | |
|--|--|--------|
| | | |
| | necessary for . rise in global | |
| | Crops Greanth less level | |
| | recessary for melting of glacer. | |
| | maintaing balance Antoretic glaciers are | |
| | of seasons on melting | |
| to the second | Ealth . Will Fire: Global | |
| | Toxest worth describes | 2448 = |
| | Global warming the main Co | ۸. |
| | . Food insecurity: Impore | ring. |
| | gricultulal productiv | 7 |
| | | |
| | . The elements of global | |
| | warming are more in | |
| | number tran its benefits | |
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| | | |
| Company of the Compan | | |
| | | |
| Manager Constitution | | |

Question 02

(9)

Artificial Intelligence

technological advancement that has the potential to imitate human intelligence. This was firstly proposed by Allow Turning and Johan Mecastly.

New electericity

10 Known as

new electericity because of its

resemblance with electricity

Resemblemer in functioning of electericity and AI

AI Esceterity

reducing human paraced human

burden of work burden of work

| Deve | Date: | |
|---|-----------------------|-----|
| Day: | | |
| . Accelonating the | Accelemated the | |
| pace of work | pace of work | |
| with robots | | |
| seplacing many | Replaced many jobs | |
| jobs through the | such as home industry | nes |
| procen of | | |
| auctomation | | |
| · Killing humans | proved as it can | |
| with autonomous | ake human life | |
| weapons | | |
| . Beinging revolution | Brought revolution | |
| as well | in human life | |
| Ctenhan Hawking: | | |
| Stephon Hawking: "At is revolutioning this generation" | | |
| xementions à a très | | |
| 0404441074039 1403 | | |
| ginesation? | | |
| | | |
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| | | |

(b) is known as "Central Docessing Unit". Of is a brain of a computer and it also has sevemblance with the working of human brain. Human Brain Mid Brain Forebrain Aschametic Control Logic Unit Unit Resemblance in Functioning Human Becin · Solely responsible · Solely responsible for the functioning for the functioning of whose of of whole of human body the computer · Controls the functioning of Computer

| Day: | Date: |
|-----------------------|------------------------|
| | |
| . defines the | · Orders human |
| tasks of the | organis purson a |
| computer | Jusk |
| . Stores essentia | . stores the memory |
| information of | of hynan seings |
| computer | |
| . Without Cpu, | · Without Brain, human |
| Computer is | are a collection of |
| | bones and meat. |
| material | |
| · ALU performs | . Human beain solves |
| division, Subtraction | |
| addition | |
| | |
| | |
| | |
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| | |

| Da | Date: | |
|----------|---|--------|
| | Deficiency of Vitomin | |
| | A B C | |
| | | |
| | Vitamin A | |
| | Sources: Yegetables of green leaf | |
| | Milk | |
| | Deficiency: Results in "Night Bein | refree |
| | | |
| | Vitamin B complex | |
| - | B1, B2, B3, B6, B12, B4 | |
| - 11 | Socices: Vegetables, Milk, Egg, | |
| | Deficiency: Results in 'Resi Besi | 27 |
| | | |
| | Yitamin C Sources: Citaus Feut, Orange Yegetables, Deficiency: | |
| | Sources: Cetrus Feuil Orage | |
| | Yegetables. | |
| | Deficiency: | |
| | | |
| | | |
| | | |
| - | | |
| | | |
| | 이 모르는 10차 대통령 | H . |

(iv) Working of Optical fiber Optical fiber has replaced freeditional cuoper wires for the transfer of signal. It effectively transmits signal. First of all signal ap into transmitter of finer that Convert them into electrical signal or light. The this travel towards received and receive again Converts them into voice. Light trespect in Receiver (ladding jacket Core Fig: Showing the working of optical positioning system". It is used

for determing the location. Mavigation Seitelites one used for it- currently One Navigation of 45 18 being used for all people accross the world. Station Fig: Working of GPS Measurment of Location Statellites mensure locations with the helps of sensors and light emitted by Objects. The sufelites costuse ne image or location of an offeet with the assistance of sensors and light.

| LIVE | Date | |
|------|---|--|
| | Section II | |
| | Question 06 | |
| | (4) | |
| | Given data Jumbled words i) Teninsupercol | |
| | i) Teninsuperted 11) tweti Required: Arrangement of words. | |
| | First we tax Peninsuperted it Could be assonger is | |
| | = Unprecendented | |
| | -[Unprecendented] Secondly, we can arrange hweti | |
| | as = White | |
| | | |
| | | |

| Day: | | Date: | 1 |
|------------|---------------------|---------------------|-------------|
| | (b) | | |
| C | ost of Shoe ox | egmal = 80\$ | |
| | discount = 10, | 1 | |
| 2 | Sales Tax = 10%. | | |
| <i>J</i> : | inal price = ? | | |
| | | | |
| | Les, Find discount | | |
| | 15 × 80 | | |
| | 100 | , | |
| | = 15×8 | | |
| | = 12012 | | 100 |
| | = 12 | | |
| | =80-12=68 d | liace and | |
| | | | |
| M | ow find Sales Tax | | |
| | 10 × 60. | | |
| | 2 10 × 68. | | |
| | = 69 | | |
| | 100 | | |
| | 68 = 6.8 | | |
| | v. we add discom | 4 Deiro (1 - 0 - To | |
| Nou | = 68 + 6.8 | i price & sales is | <i>II</i> (|
| | | 0 00: | |
| | = [74.8 0 Fin | nax pusice | |

| De | Question ob | |
|----|--|--|
| | (d) | |
| | Distribution of 4320 among zain | |
| | Aslam Ashraf | |
| | 2ain = 2 palts Aslam = 3 palls | |
| | Ashraf = 7 pasts | |
| | Total number of past = 2+3+7=12 | |
| | Distribution | |
| | 2ain | |
| | 2 x 4320 12 | |
| | = 2 x 4320 | |
| | = 720 | |
| | Allam | |
| | = 3 × 4326 | |
| | = 3x 4320 | |
| | | |
| | - [1980] | |
| | AMERICA CONTROL CONTRO | |

| Date: | |
|--------------------------------------|---------|
| Ashraf | |
| = 7 x 4320 | |
| = 7 x 4320 = 7x4320 | |
| = 7x432c | |
| | |
| = 2520 | |
| | |
| | |
| (6) | |
| -8000 Total pocket money | |
| - Harson, Ali, pasir, Shahbaz pocket | Money ? |
| | |
| Harrom getis 1/3 rd of Ali | |
| $H = \frac{1}{3}$ of Aci | |
| Ali five times much trans Akhan | |
| A = 5K | |
| Althor has thrice much a Nasi | |
| AK= 3 | |
| Shenbar equal to Marin & Ale | |
| Sh= Nasir = Ali | |
| - MILL | |
| | |