Dos and Don'ts for Generaral Science & Ability Paper

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. There are a few things I would like to highlight.

1. A 5 marks part requires 2 sides(not more than that) of a paper. Know that there can be two or three parts of a question and their marks are divided accordingly. So, address all of them in a just manner.

2. Focus on time management. You get 35 minutes to solve one question and about 8 minutes per 5 mark part. Manage your time accordingly.

3. You need to understand that your paper is supposed to look more scientific than theoretical. So, add flowcharts and diagrams where required.

4. Your handwriting and neatness can be really impactful. Avoid cutting and overwriting.

5. Focus on your spellings and your grammar. Here, in GSA there's no deduction in marks but your expression will definitely create an 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. :)

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Date:

(1) Form actionable plans to provide climate finances to the least developed and under developing countries. It enables them to maintain a clean environment.

(2) Increase mitigation and adaptations Finances for climate-vulunerable countries. Make sure, the Finances plans are executable. Because the draw of Cop-28 is, That if Financial plans are not excuted speedy.

(3) Developed countries need to collaborate with tech companies such as Tesla and BMW to produce more electric vehicles and reduce the use of petrol vehicles.

(4) Developed countries need to increase carbon trading with developing countries and

(5)

(6)

(7)

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Plant more trees in developing countries.

(5) Provide sufficient financial package to developing countries to compensate their loss and damage.

(6) Set effectives plans/targest to increase renewable energy usage all over the world.

(7) Run awareness campagines, especially in local and village areas to reduces waters and food wastes.

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Date:

Q No 2: B (Part):-

Functions of arteries, veins and capillaries:

Arteries, veins and capillaries are three different types of blood vessels. Arteries carry blood away from your heart. Veins provide heart to your heart. Capillaries connect the artries and veins.

Functions of artries:

The main function of arteries are to supply oxygen to the body with the help of heart.

Pulmonary artries:

Pulmonary artries carry deoxegenetated blood from the heart and supply it to the lungs and From lungs they carry oxegentated blood

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and supply to heast. Through pumping procedure heart supply these oxegented blood to the whole body by using artsies Artsies also distribute nutsients and harmones throughout our body.

Functions of veins:

It function is same as artsies to carry blood, but the blood it carries has low pressure then artsies. It carries both the oxygenated and de-oxygeneted blood. It carries de-oxygeneted blood from the organs and tissues to the heast and carries oxygnetated blood from lungs to the heast. It's main function is to carry blood from organs to the heast.

Highlight the imp points

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Add structures and diagrams

Functions of capillaries:

Capillaries are also tiny blood vessels located where oxygen and nutrients are exchanged for carbon dioxide and waste. Its main function is to transport blood, nutrients and oxygen to cells of organs and body system.
It also take waste products away from the tissues.

Q No2 (C) (Part)

Why atoms for chemicle bonds?

Atoms for chemicle bonds to make their state stable from excitment state. They take electrons during chemicle bonding to complete their outer shell.

Properly enlist all points

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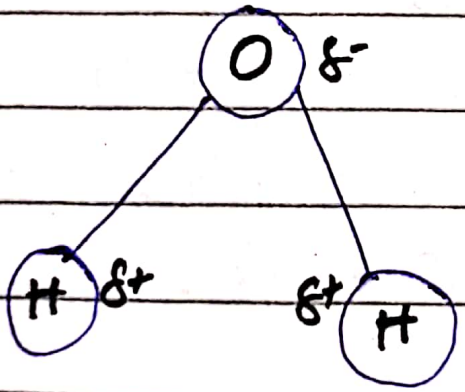
Explain structure of water?

Formula of water is H_2O. It concist of two hydrogen and one oxygen. These three atoms make an angle like (H-O-H). The molecules of water has Covalent bonding between Hydrogen and Oxygen atoms, as they mutually share electrons to each other. Water color is colorless and tasteless.

According to VSEPR Theory water molecules have a bent shape (V-shaped).



What's the angle??

Date:

Q No 2 (D) Part:-

Conductors: Conductors are substance or material that allow electricity to flow through it. They carry electric charge.

e.g: Irons are good conductors. Silves, Copper and Gold are also good conductors.

Semiconductors:

Semiconductors are substance or materials elements which have both the properties of conductor and insulator.

e.g:- Silicon or gesmanium pure elements and compounds such as gallium arsenide or Cadmium Seleride.

Metals: Metal is a substance capable of conducting electricity at a temperature of absolute

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2020.

e.g:- Aluminium, Copper, Iron and tin.

Plastics :- plastics are materials that are malleable. It can easily be folded and change into solid objects.

e.g:- Polypropylene, Nylon.

Ceramics : Ceramics are dishes and pottery made of clay, bricks, tiles, glass and cement. They are used as decoration piece. As a pottery they are used ~~to~~ for cooling water. Ceramics are good at cooling water. They are also used in electronics depending on their composition.

e.g:- Roof tiles, Earthen ware, Stoneware.

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Q No 3 A (part)

Technological developments increase the food production, but it destroyed the quality of food. Because of adding chemicals for flavor and texture. These chemicles are very dangerous for health. Industries use different colors to make old foods fresh. They add chemicles to increase food production

e.g:- poltary form chickens, their production has increased by using injection, but they are very dangerous for health.

e.g China is using using different technologies to increase Soybean and corn.

Give proper account of it

Give examples

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Q No 3 (C) Part :-

Dengue Fever: Dengue fever is a kind of viral infection transmitted through a bite of infected mosquito called virus (DENV).

Properly address the things asked

Symptoms of dengue fever

High fever, headache, bodyaches, nausea and rash.

Prevention of dengue fever

1. Use clean water avoid use of containment water.
2. Do not use cosmetic or skin care products.
3. Use insect repellents.
4. Prevent accumulation of stagnant water.

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Q No3 (b) part:-

Solid waste management:

Solid waste management is a process to collect waste from populated areas and dispose them in areas away from rivers, populated areas and greenary areas.

Landfill is the most common technique use in solid waste management in which wastes are disposed in open dumps.

Problems of solid waste management:

1. Air pollution
2. water pollution
3. Soil contamination
4. Contamination of drinking water due unsanitary landfill.
5. Spread of infectious disease.
6. Dirty environment effect the lifestyle.

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Give definition properly

Q No3 (b) part:-

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Give proper account of problems

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Q No 6:- (a)

Sol:-

Population year 2018 = 18000

Population year 2022 = 22,500.

$$\text{Formula} = \frac{P_f - P_0}{P_0} \times 100$$

$$= \frac{22,500 - 18000}{18000} \times 100$$

$$= \frac{4500}{18000} \times 100$$

$$= 25\% \text{ Increase.}$$

Q No 6:- (b)

Units	Days	Machines
600	9	20
x	12	18

$$\frac{x}{600} = \frac{9}{12} \times \frac{18}{20}$$

$$\frac{x}{600} = \frac{27}{40}$$

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$40x = 27 \times 600$

$x = \frac{27 \times 600}{40}$

$x = 405$ units.

Fewer the machines less the production of units

Q No 6: (D)

Perimeter of pentagone.

$P = 5 \times 9$

$P = 5 \times 15 = 75$ cm.

Q No 6 (C):

Formula : Speed = $\frac{\text{Distance}}{\text{time}}$.

Speed = $\frac{450}{60} : \frac{69}{45/60}$

$= \frac{450}{60} \times \frac{2700}{69}$

$= 150$

21/6/15

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Speeds = $\frac{150 \times 45}{}$

$= \frac{6750}{23}$

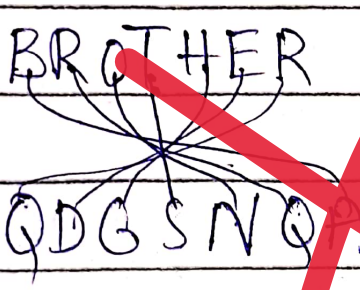
Q No 8 (b)

Sol,

missing term : 1, 2, 6, 21, 25

Q No 8 (a)

Sol,



SISTER = SFUTJT