

Q Define the term malnutrition, elaborate its major cause and consequences.

Date

(a) "Thy diet be thy medicine"

### Malnutrition:

Malnutrition is the illness which is caused by lack of nutrients. This illness is mostly seen in the poor because they have poverty and are not able to fulfill their nutrient which their body requires.

### Causes:

The causes behind the malnutrition are the improper diet. Human body requires the specific amount of nutrient to keep the body healthy and helps in growth. When not diet is not nutrients containing it will cause illness and the cause become the victim of malnutrition.

### Consequences:

Malnutrition has a great impact on the health of people and we observe this mostly in children. Those children who have malnutrition - they will look like child more smaller than the existing age and they are very thin. Another is thickness, fat. The in which children look more than their existing age and they cannot carry their weight.

Dps and Don'ts for General Science & Ability Paper  
Here, 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 at least 2 and at max 3 sides 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 is 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. :)

Proper account of consequences and causes is required



(6)(c)

What are computer buses? Differentiate b/w RAM & ROM?

### Computer buses:

In digital technology, computer buses means the pathway of transferring data and transmitting the signals.

For example

### RAM:

RAM means Read Access Memory.

It's the programming system in which you can read and write data. Example - word microsoft office.

### ROM:

ROM means Read Only Memory.

It is also the programming system in which you can only read and we can say it is the capacity of storing data. Example - Smart phones have ROM in their device.

(c) What are geo-stationary satellites, Distinguish natural and artificial satellite, how many artificial satellites of jupiter have there?

### Geo-stationary satellites:

Geo-stationary satellites are those which are fixed with the location of earth. At the point when they are fixed they are moving in the same angle in which earth is moving because they are fixed with that location.



# 1 Distinguish b/w Natural & Artificial Satellite.

## Natural Satellite:

Satellite is the object which is moving around the another object. Natural Satellite are those which are not man made and they are naturally existing and moving around the objects or orbits.  
For specimen: Moon: Moon is a natural satellite and moving around the earth. There are other natural satellite in our Solar System which are moving around the other orbits/objects.

## Artificial Satellite:

Artificial satellite are made man, which are send by the humans to collect the data and for different purposes. For specimen, Humans have sent many satellites for GPS, signals and collecting the information of other planets and space.

Q5 What is Radio activity? Differentiate b/w natural and artificial radio activities?

## Radio Activity:

Radio-activity is a process in which atom of nucleus which are unstable releases the energy or loses the energy by radiation.

## Natural and Artificial Radioactivity.

Elaborate differences properly

Natural Radioactivity originates from the natural production, containing Uranium etc. while the artificial radioactivity originates from the human activities.



## (b) Polio

Date \_\_\_\_\_

It is the abnormality of body organ in which any organ of body can be damaged/Abnormal. This is called polio. It appears ~~in~~<sup>under</sup> the age of fifteen.

**Symptom, Causes of Spreading, Prevention and Vaccine-**

The symptoms of polio can be seen in under age of fifteen people. They may have abnormality of legs, hands, face, tongue and etc. The causes of spreading are because of its virus nature. It can be spread through the polio patient's ~~poop~~ and the water which drinks. There is the prevention of polio by vaccine PVID injection. If they will get proper treatment, it can reduce the virus intensity.

Make separate headings  
Explain properly  
Explain properly

## (d) Population Planning:

It is policy of reducing the growth of population. Specially in poor areas who are illiterate and have no idea about population growth.

### Benefits of different population planning-

The first and most important it will control the population of country. Secondly, it will reduce the rate of unemployment. Thirdly, it will help in the economic growth. Fourthly, the lower population will be literate.