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SUBJECT: GSA (Assignment no.3)  
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## GEOGRAPHIC INFORMATION SYSTEM

### Definition:-

A GIS is a computer system that analyzes and displays geographically referenced information. It uses data that is attached to a unique location.

### Components of GIS:-

There are 5

components of GIS

- 1) Hardware
- 2) Software
- 3) Data
- 4) Methods
- 5) People

### • Hardware:

These are GIS workstations with powerful processing capacity & ample space for data storage.

It can be any device (a computer, a smart phone, a monitor, a scanner etc).

## • Software :-

Any program or application that enables a GIS user to perform essential GIS functions is called the software component. It may include DBMS, GUI etc

## • Data :-

Any spatial or non-spatial information stored digitally in computers or servers can be referred to as GIS data.

## • Method :-

A well designed plan & procedure require to collect GIS data is called its method. It varies for every GIS.

## • People :-

GIS technology is of limited value without people, who manage the system and develop plans for applying it. GIS users range from technical user/specialists to common man to help them do their everyday work.

# FOOD ADDITIVES

## Definition:-

Food additives are substances primarily added to processed foods or other foods produced on an industrial scale for different purposes (i.e. emulsifier, food coloring, nutritional supplement and preservatives).

## Example:-

Short answer. Add more detail in this answer

Typical Agents

Functions

Yeast, baking soda,  
baking powder

leavening

pectin, gelatin,  
gums

stabilizing and  
thickening

glycerol

moisture control

Calcium and  
magnesium

chelating

ascorbic acid,  
sulfites

antioxidants

acetic acid,  
benzoic acid,  
Nisin, Nitrates

antimicrobials