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SUBJECT: GSA (Assignment no. 3)
BATCH # 59
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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 includes 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 techical 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:-

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