

Introduction

- These devices transfer data in a fast, secure and correct way over same or different networks.
- Network devices may be *inter-network* or *intra-network*.
- Some devices are installed on the device, like *NIC card* or *RJ45 connector*, whereas some are part of the network, like *hub*, *repeater*, *bridge*, *router*, *gateway* etc.

Latitude: 16.691754
Longitude: 74.451615
Elevation: 477.7m
Accuracy: 52.4m
Time: 03-02-2022 13:24
Note: ICT

Reduce, Reuse, Recycle, Compost.


M.Sc. LECTURE HALL

NET-SET GUIDANCE CELL
2017-18

PTERIDOPHYTES: GENERAL CHARACTERS

- Sporophylls may be either:
 - Aggregated into compact cone (strobili) at the end of stem (*Selaginella*, *Lycopodium*, *Equisetum*).
 - Uniformly distributed (*Pteris*, *Adiantum*)

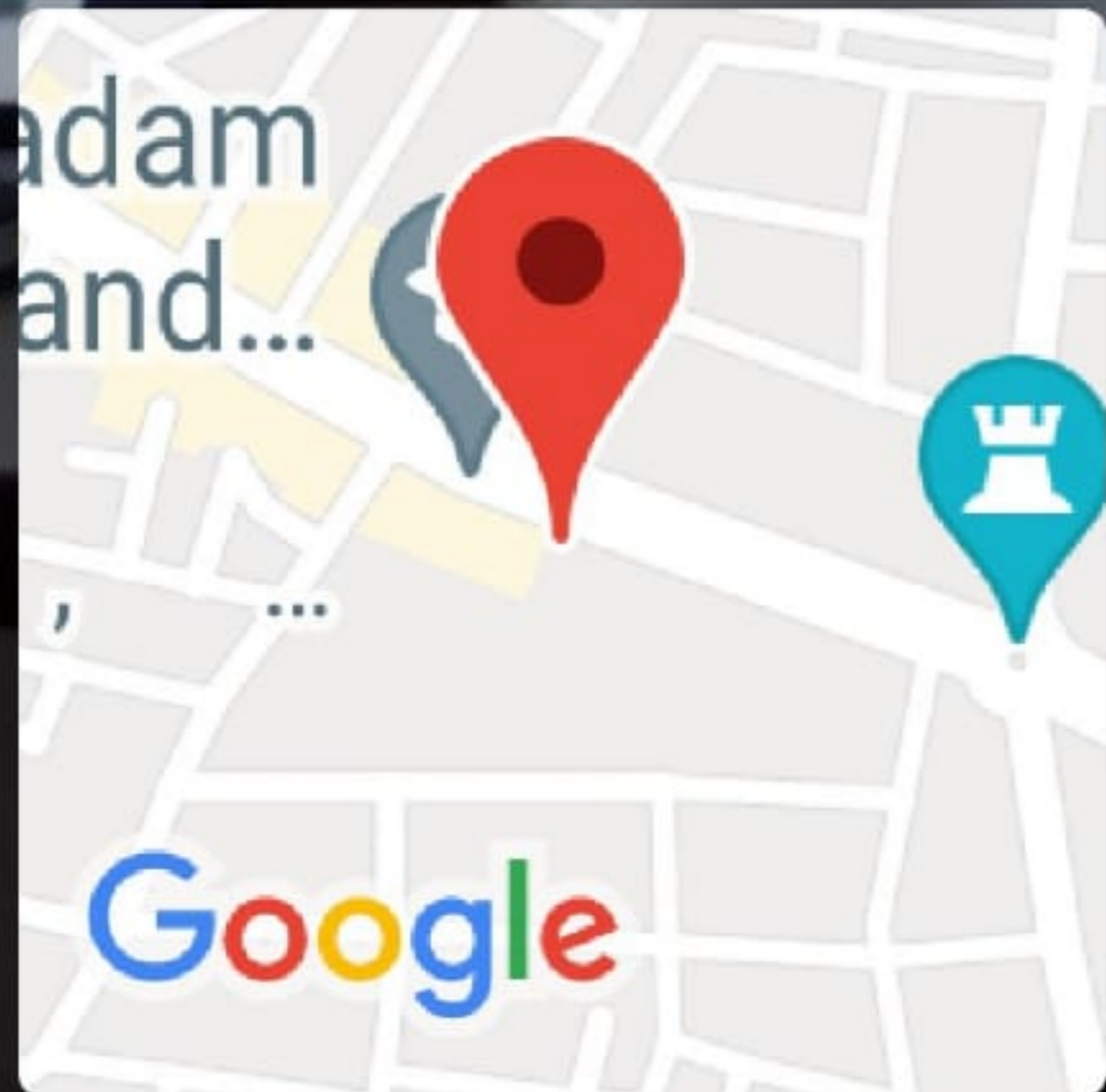
Cone or Strobilus in Pteridophytes



Equisetum Selaginella Adiantum Lycopodium phillyneum



GPS Map Camera



Ichalkaranji, Maharashtra, India
MFR2+MRP, Pujari Mala, Ichalkaranji, Maharashtra
416115, India
Lat 16.691837°
Long 74.451626°
02/03/22 12:00 PM


ycle, Compost.

URE HALL



NET-

Genetic Engineering



Process of inserting new genetic information into existing cells in order to modify a specific organism for the purpose of changing its characteristics

Set of technologies used to change the genetic makeup of cells including the transfer of genes within and across species boundaries to produce improved or novel organisms.

जी सांठे
ICH.
SOON



MFR2+MRP, Pujari Mala, Ichalkaranji,
Maharashtra 416115, India

Lat: N 16°41'30.56532 Date: 02/03/2022

Lon: E 74°27'6.26796 Time: 12:01 PM

Department of Electronics

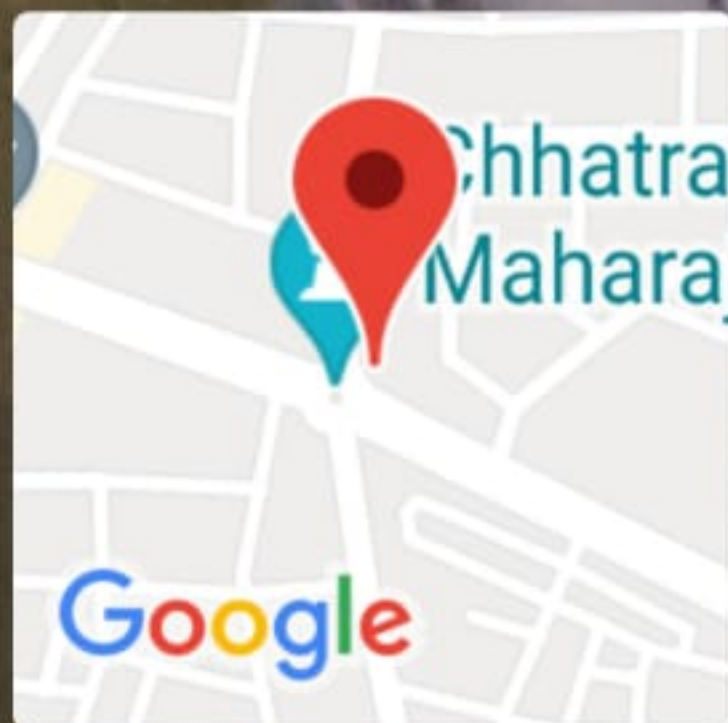
Brainstorming Test

Answer the following questions creatively. The originality of your answers will be maintained as a key feature. You are expected to provide answers in a short and crisp manner. The questions are as follows:

Subject: DESIGN MICROCONTROLLER BASED WATER HEATER TEMPERATURE CONTROL SYSTEM



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02/03/22 02:18 PM

Section 1: Open and Closed

Our primary example of metric space is (\mathbb{R}, d) , where \mathbb{R} is the set of real numbers and d is the usual distance function on \mathbb{R} , $d(a, b) = |a - b|$. In this metric space, we have the idea of an "open set." A subset of \mathbb{R} is open in \mathbb{R} if it is a union of open intervals. Another way to define an open set is in terms of distance. A set is open in (\mathbb{R}, d) if whenever it contains a number a , it also contains all numbers "sufficiently close" to a . More precisely, a subset A of \mathbb{R} is open in (\mathbb{R}, d) if for every $a \in A$, there is a number $\epsilon > 0$ such that the open interval $(a - \epsilon, a + \epsilon)$ is contained in A . The open interval $(a - \epsilon, a + \epsilon)$ consists of all numbers that are within distance ϵ of a . In a general metric space, the analog of the interval $(a - \epsilon, a + \epsilon)$ is the "open ball of radius ϵ about a ," and we can define a set to be open in a metric space if whenever it includes a point a , it also includes an entire open ball of radius ϵ about a .

Definition 1.1: Let (M, d) be a metric space. For $a \in M$ and $r > 0$, we define the **open ball of radius r about a** to be the set $B_r(a) = \{x \in M \mid d(x, a) < r\}$.

It is possible to have different metrics on the same set. To make it clear what metric is being used, the open ball $B_r(a)$ in a metric space (M, d) can also be written $B_r^d(a)$ when the metric that is being used is d . In this context.

Definition 1.2: Let (M, d) be a metric space, and let $x \in M$. A subset A of M is said to be **interior** at x if there is an $\epsilon > 0$ such that $B_\epsilon(x) \subseteq A$; that is, if A contains an open ball about x .

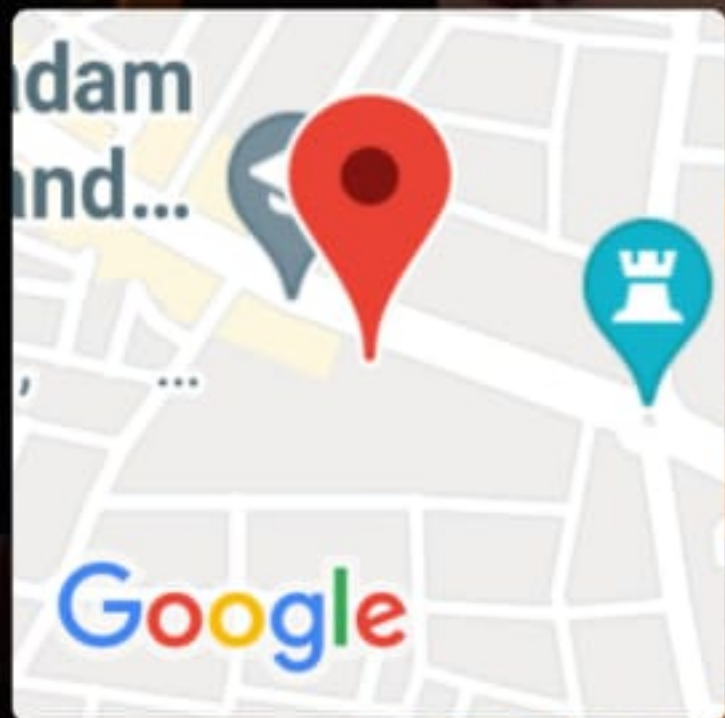
Definition 1.3: Let (M, d) be a metric space. A subset X of M is said to be **open** in (M, d) if and only if every $a \in X$, there is an $\epsilon > 0$ such that $B_\epsilon(a) \subseteq X$. Note that a set is open if and only if it is the union of each of its points.

Latitude: 16.691789
Longitude: 74.451677
Elevation: 550.82m
Accuracy: 4.9m
Time: 03-02-2022 13:04
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Type I and Type II Error

Situation	Decision	
	Accept Null	Reject Null
Null is true	Correct	Type I error (α error)
Null is false	Type II error (β error)	Correct

Latitude: 16.691819
Longitude: 74.45167
Elevation: 562.23m
Accuracy: 33.8m
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17/12/21 10:32 AM



GPS Map Camera



LAB-

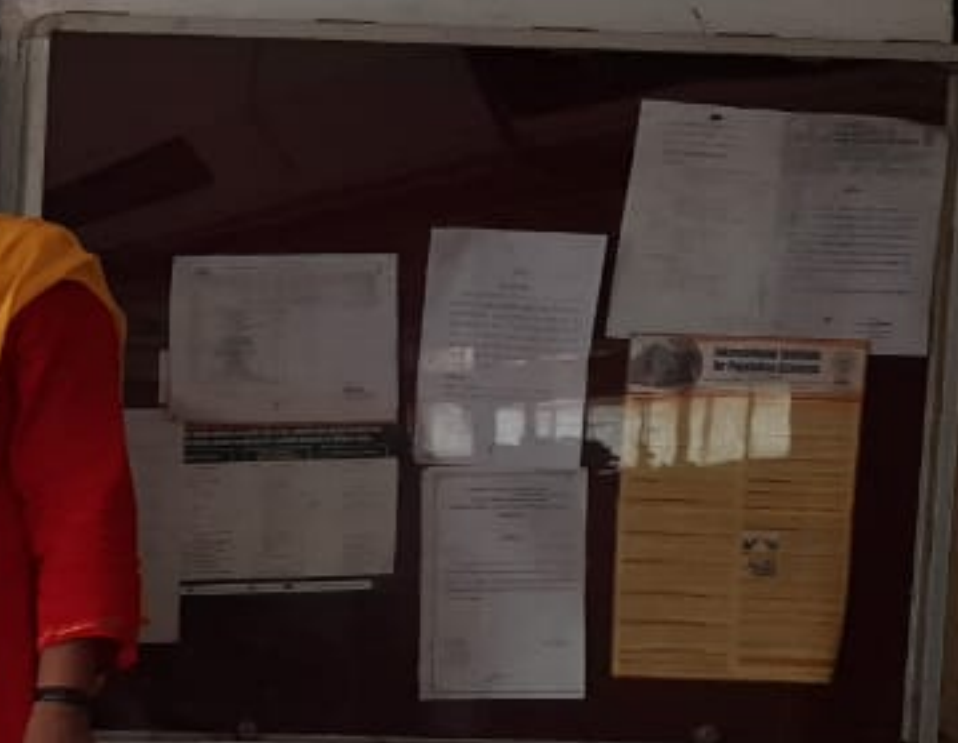
STUDY OF AMOEBA W.R.T. CLASSIFICATION AND LOCOMOTION

AMOEBA

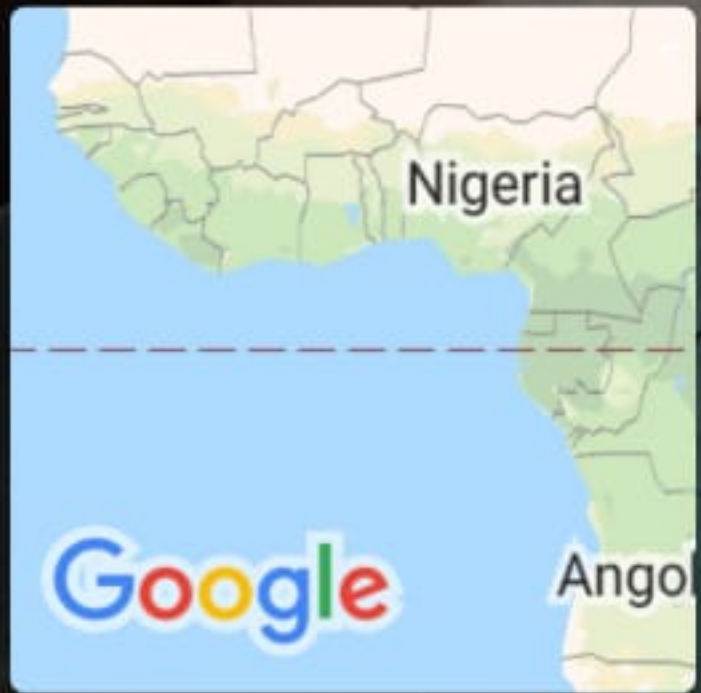


KINGDOM: PROTISTA
 PHYLUM: SARCOIDINA
 CLASS: RHIZOPODA

- Amoeba is found in moist, fresh water ponds, streams and ditches in which bacteria and decaying vegetation are rich.
- Shape of body is irregular.
- Body is covered by very thin and semi-permeable membrane called plasmalemma.
- Protoplasm is divisible into an outer ectoplasm and an inner endoplasm.
- The endoplasm is having single nucleus, a large single contractile vacuole and many food vacuoles.
- Nutrition is holozoic.
- Reproduction is by binary fission.
- In Amoeba locomotion is called amoeboid movement and is performed by pseudopodia.



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