

When I was in college

Biology ^(Botany & Zoology) seemed - all

botany and zoology and

really a course in

~~draughtmanship~~ ~~strip~~

NOT meant for me.



Later Biology ^{to me} ~~was~~ ^{was} ~~fascinating~~ ^{became} ~~to~~
the extent of being mysterious

foreboding and even dangerous
but its promises were practical

personal and ^{immediate} ~~urgent~~
Only later I got fascinated by it
when we talk of

biology and what is

fascinating it is best

to think of what is

that- we often talk
about- at the coffee table

Most of it are about-

birds and butterflies

or what one saw
in an Attenborough film

or a Discovery Channel

Q1- 5 ^{years} about
PRECISION OF GROWTH OF

1. Patterns: forms and colors
2. Behavior: ^{PURPOSIVE} the unusual and ordinary
3. Evolution.

They are all
Some how connected
to the unique biological
attribute: Self-reproduction
ordained by genes

And Genetics in brain.
I am interested in
I shall tell

You something about
how we use the same
genetic code to shed ~~the~~ BRAIN

1. Precision of Growth
of form and pattern

2. Purposive
behavior

3. Evolution

— all being
an self reproduction

— genes
— heredity

Behavior is the
external manifestation
of the working of the Brain
- a complicated organ
which gives us all
the wonderful things that
are human attributes

10^{12} cells

10,000 connections
(4 no synapses of 4 no
dendrites to 1 axon)

My interest is
in the study of the synapse.

I will start
with a short movie on Anesthesia

Examples how
we show

CONDITIONAL PARALYTIC

— Show was

↓ all ~~every~~ system
Very similar ✓
inching WMT

So take into
easier & see — Animal
to reduce animal to
cells — molecules.