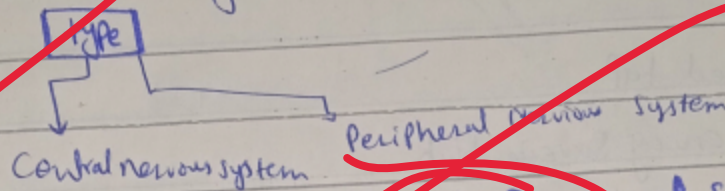# Part-II

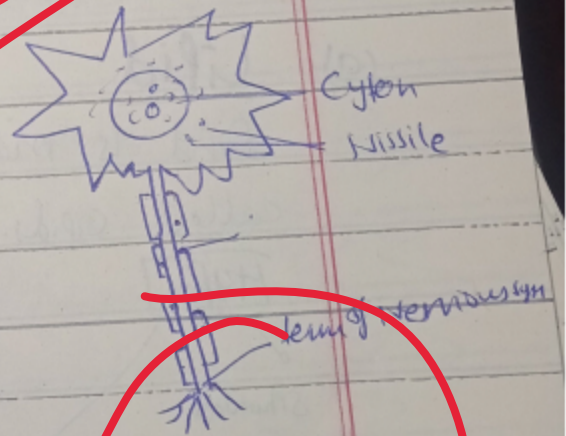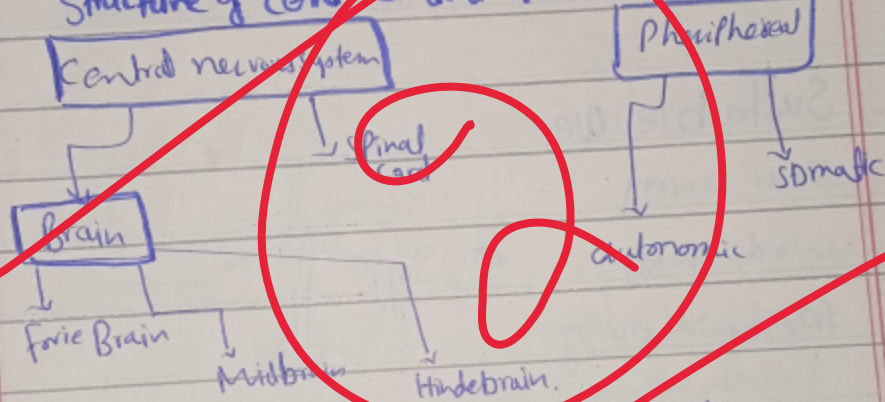## Section 1

(d) Discuss the nervous system of the human body.

All body activities voluntary or involuntary control by nervous system.

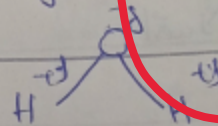[diagram: CNS → Central nervous system, Peripheral Nervous system]

Structure of central and Peripheral System

[diagram: Central nervous system → Brain, Spinal Cord; Brain → Fore Brain, Midbrain, Hindebrain. Peripheral → Somatic, autonomic]

[neuron diagram: Cyton, Nissile, Axon, terminal nerve fibres]

(c) B Hydrogen Bonding

Intermidate are of one is formed and most negative is formed from other

[diagram: H ... O]

Structure

Hydrogen bonding

H⁺ː H⁺ː H⁺ː
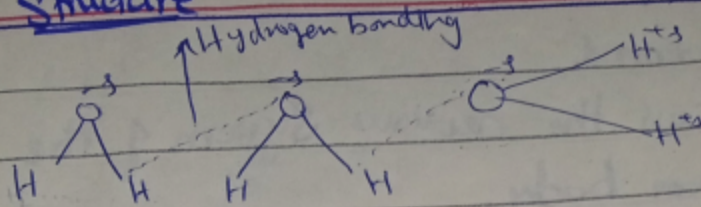
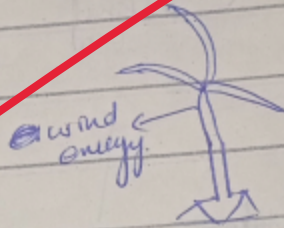## (b) energy conservation measure

Energy conservation is measure few

a) Closed tap
b) Use energy saverie blub
c) do not waste energy resources

Sustaible Use

Solar energy
Wind energy
Mechanical energy

wind energy

(a) Lipid

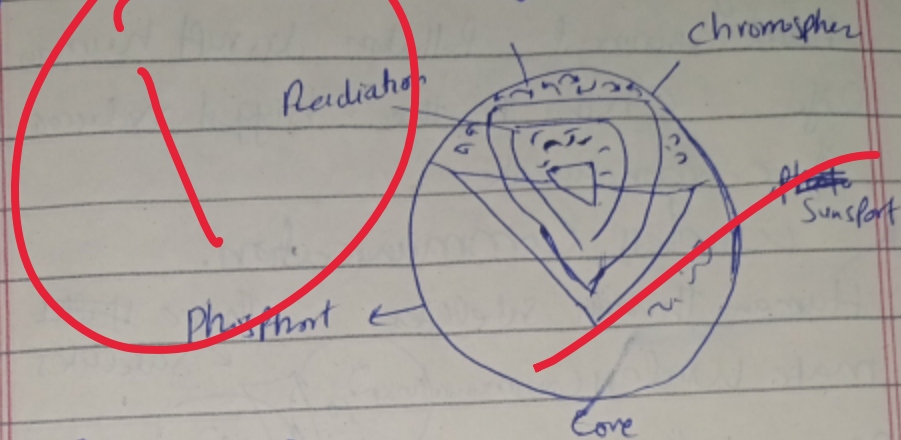Lipid is made of fate and acid is called lipids.

Type
- Saturated
- Unsaturated

Function

fate   acid

Q:No:#3

(a) draw the structure of the sun.

Radiation   chromospher
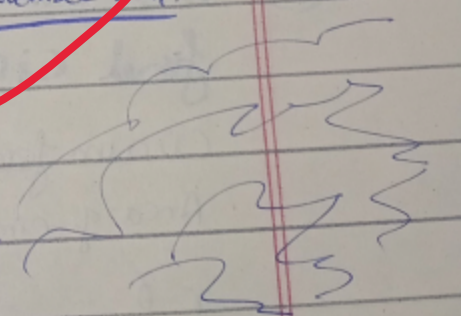
Phospher ←   Sunspot
             Core

(b) tsunami

tsunami accur in oceans with large size and much shore. it destroy human life

generate.

Tsunami generate Pacific ocean. in water due to high (temperature)

Pressure

Tsunami in pacific ocean in 9 (vovember 2011.

Pacific ocean Tunami # 80%

Tsunami wave ←

(c) Environmental Pollution.

Environment pollution affect animal plant and Human life. Human are responsible of Environment Pollution.

Environment Pollution generally when industry reduce carbondioxide. There Environment pollution disrupt human life. China is the biggest reduces of carbondioxide.
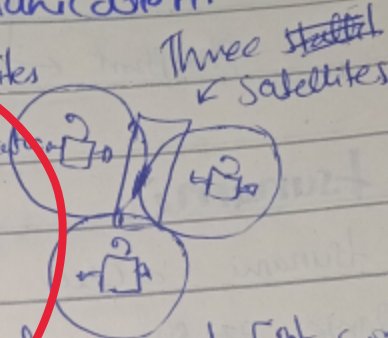
(d) Wireless Communication.

Human through satellites make Wireless communication because the work of satellites are to trace the location and fast comed location Hence satellite make wireless communication

Three Satellites ← Satellites

Section # II

Q # No # 0

(c) Diameter of a circle is 6cm find circumference & Area of circle

Circumference $2\pi r$

Area of circle = $4\pi r^2$

$\therefore r = 6$

$= 2\pi(6)$ $\therefore \pi = 3.14$ $2(3.14)(6) \Rightarrow (6.28)6$

$= 37.68$ | Circumference = 37.68 |

Area of circle = $4\pi r^2 \Rightarrow 4(3.14)(6)^2$

$4(3.14)(36) = 452.16$ | Area = 452.16 |

(d) Identify the missing

(i) 13, 24, 46, 90, 178 ......

13, 24, 46, 90, 178 [266]

11   22   44   88

xy

13 - 24

8 - 14

(13+11) 24

24 - 46

4 ...

(22+24) 46

46 - 90

8 - 50

44+46

90 - 178

20 - 108

268

11, 2×, 44, 88

11   22   44

11   88

11

(ii) 5, 6, 9, 14, 21 [30] ...

1   3   5   7   9

(b) Pizzas of small, medium, and large sizes
of = 18 person.

one slice per person = 1

ratio = 2 : 3 : 4

each slice is of 40 gm

Price of smaller pizza 32 Rs

a = 2 , b = 3, 4 =

(Q No of 7.)

(a) Distinguish I·Q and E·Q

Intelligence Q -

Intelligence Q is based on human Personality. human through the Intelligence solve Pan the question. (ks)

Emotion·Q

Emotion·Q are on the based of three faces sad, happy and depression. these play important role in human successful business

(d) A Person multiplied a number by 3/5 instead of 5/3. What is Percentage error in calculation?

$$= \frac{3}{5} \times \frac{5}{3}$$

Percentage $\checkmark = \frac{3}{5} \times \frac{5}{3}$

$$= 1$$

The Percentage error in calculation is 1

$$\boxed{\text{Percentage error} = 1}$$