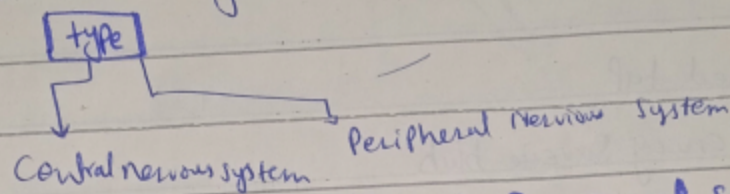


Part-II

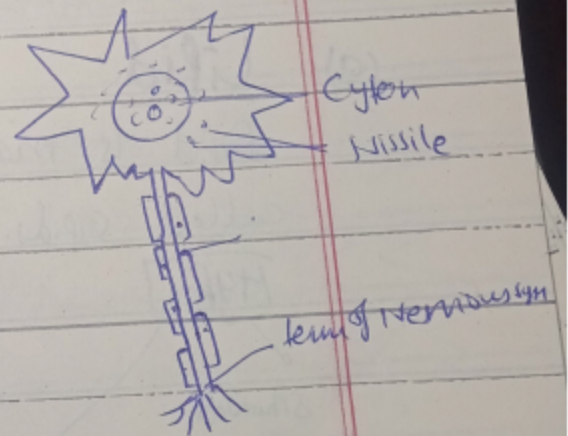
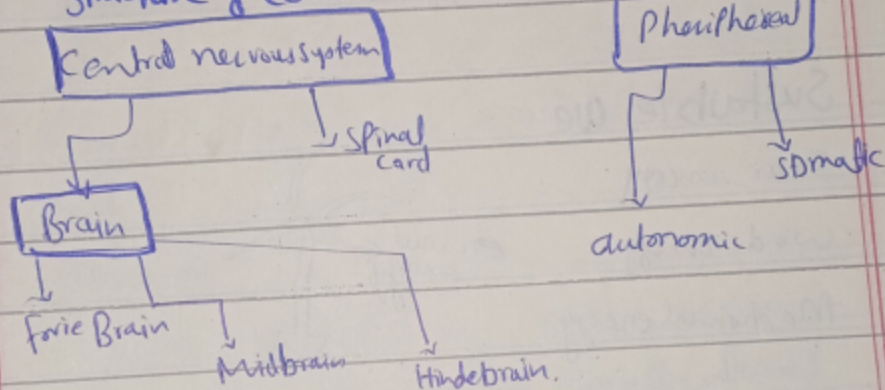
Section I

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

All body activities voluntary or involuntary control by nervous system.

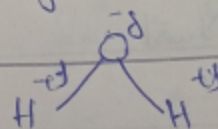


Structure of central and Peripheral System

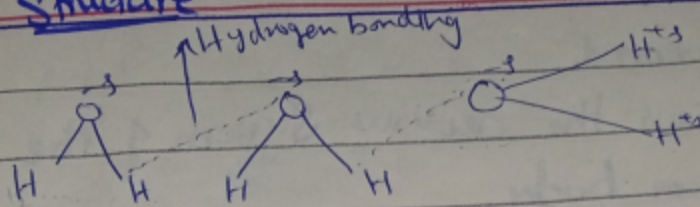


(c) Hydrogen Bonding

intermolecular one is formed and most negative is formed from other



Structure



(b) Energy Conservation measure

Energy conservation is measure few

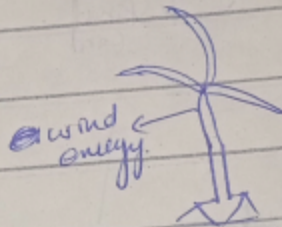
- Closed tap
- Use energy Saverie bulb
- do not waste energy resources

Sustainable use

Solar energy

wind energy

Mechanical energy



(a) Lipid

Lipid is made of fat and acid is called lipids.

Types

Saturated

unsaturated

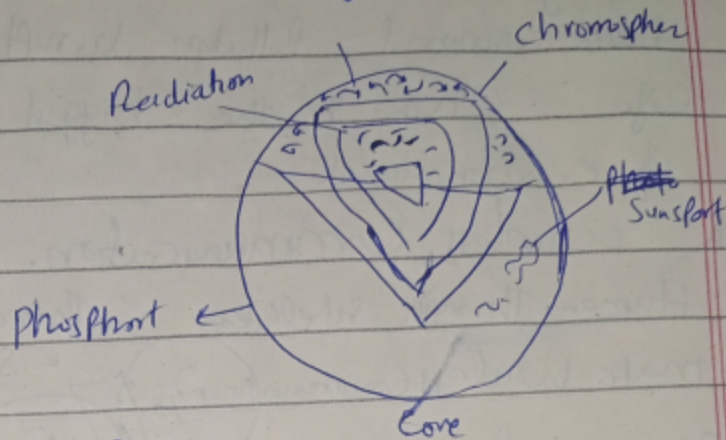
Function

fat

acid

Q: No: 3

(a) Draw the structure of the sun.



(b) Tsunami

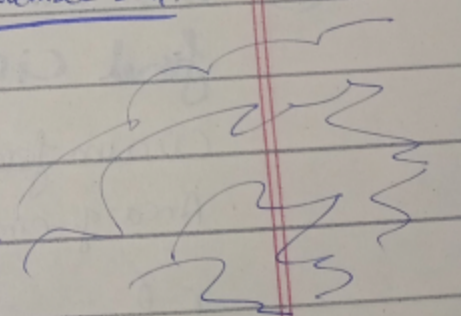
Tsunami occur in oceans with large size and much shore. It destroy human life generate.

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

Tsunami in Pacific ocean in 9 November 2011.

Pacific ocean Tsunami = 80%

Tsunami wave



(c) Environmental Pollution.

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

Environment Pollution generate when industry reduce carbon dioxide. These ~~Human~~ Environment Pollution disrupt human life. China is the biggest reducer of carbon dioxide.

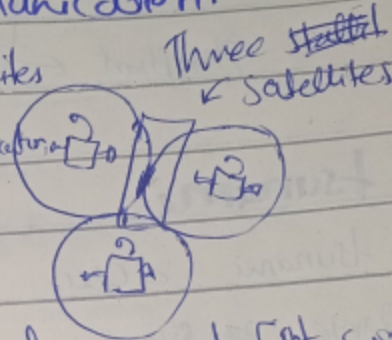
(d) wireless communication.

Human through satellites

make wireless communication

because the work of satellites are

to trace the location and find correct location hence satellite make wireless communication



Section II

Q No 10

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

$$\text{Circumference } 2\pi r$$

$$\text{Area of circle} = \pi r^2$$

$$\therefore r = 3$$

$$= 2\pi(6) \quad \therefore \pi = 3.14 \quad 2(3.14)(6) \Rightarrow (6 \cdot 28)6$$

$$= 37.68 \quad \boxed{\text{Circumference} = 37.68}$$

$$\text{Area of circle} = \pi r^2 \Rightarrow 4(3.14)(36)$$

$$4(3.14)(36) = 452.16 \quad \boxed{\text{Area} = 452.16}$$

(d) identify the missing

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

13, 24, 46, 90, 178, ... 266

$\underbrace{13}_{11}$ $\underbrace{24}_{22}$ $\underbrace{46}_{44}$ $\underbrace{90}_{88}$

13-24
 $\frac{13}{11} \rightarrow 24$
 $\frac{24}{22} \rightarrow 46$
 $\frac{46}{44} \rightarrow 90$
 $\frac{90}{88} \rightarrow 178$

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

$\underbrace{5}_1$ $\underbrace{6}_3$ $\underbrace{9}_5$ $\underbrace{14}_7$ $\underbrace{21}_9$

46-90
 $\frac{46}{44} \rightarrow 90$
 $\frac{90}{88} \rightarrow 178$
 $\frac{178}{176} \rightarrow 322$

(b) Pizzas of small, medium, and large sizes

of 18 person.

one slice per person

ratio = 2:3:4

each slice is of 40 gm

Price of a smaller pizza = 320 Rs.

a = 9, b = 3, 4 = c

Q No 7.

(a) Distinguish I-Q and E-Q

Intelligence-Q -

Intelligence Q is based on human Personality. human through his intelligence ~~can~~ ^{can} solve these play important role in human successful ~~business~~ ^{business}

Emotion-Q

Emotion-Q are on the basis of three faces Sad, happy and depression. these play important role in human successful ~~business~~ ^{business}

(d) A person multiplied a number by $\frac{3}{5}$ instead of $\frac{5}{3}$. What is Percentage error in calculation?

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

$$\text{Percentage} = \frac{3}{5} \times \frac{5}{3} \\ = 1$$

The Percentage error in calculation

is 1

Percentage error = 1