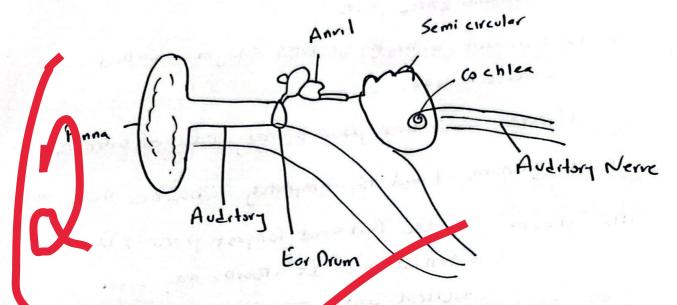
a5 a Gire structure and function of human ear



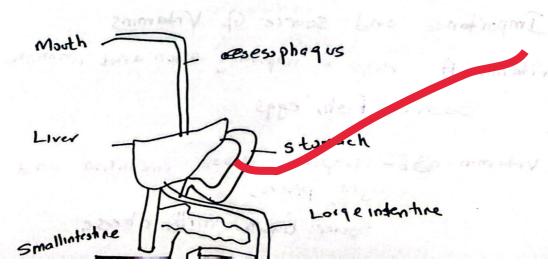
Function of Human ear

1) It helps in maintaing body weight

Short answer. Discuss it in more detail. A

- 2) It 16 is sponsible for heaving as the marks

 sense organs which convert the energans wern into the inside of the ear be on 2 pages
- b) What is digestive system. What is The role of small intestine



Discuss the first part of the answer as well

Small Intestine is the major site of found absorption

It contains three ports

Duo denum which secretes enzymes called entero Kinesi.

Pancres and liver pour directly into duodenums

i) Jegunum: Food is completely absorbed here.

iii) I leum: Is the last and longest part of The small intestine. It absorbs any final nutrient with major absorptive products being ritamin B12 and bite acids.

c) Short note on Vitamins

Vitamins are minerals which are essential for body functions and helps to fight infection, wound healing, makes bones strong and regulating hormone

Importance and source of Vitamins
Vitamin A: Helps in improving islon and immune system
Source. Fish,

Vitamin & E- Amproves blood circulation and aging process.

Source: Butter, milk, chase

Use full sentences

It is known as he made in a tire to be the

Vitamin C - Helps to treat scurry, cancer and commoncold Source: Citrus fruits

Vitamin D - Helps to fight Arthritis, touth decay and

Source: Mily cheese

Vitamin K - Reduces risk of menstrual pain and Slows down internal blieding Source: greeng regetables

hormones.

Italso helps to maintain regular heartrate.

Source: Cercals.

Johann B2 - It is essential for energy and cell growth

Source: Milk

the secret on the street and

Sound parter me s vog cuelalil

. Louis ty owerd 200 ensubers somet and

mar of relocation for them as the last

of delimination

Vitamin B6 - Helps in improving brain function and metabolism

Source: Wheat source oil

wood appoint to

d) Describe the function of pituitery gland

Harl sull

1. Introduction

It is known as the master gland of the body. It is located in brain and have 3 lobes

a) Anterior lobe: This services The following hormone
Somato trophin Hormone: It is The growth hormone
It is secreted Throughout The life.
Thyroid Stimulating Hormone:

Ad Keno cortico hormone: This secretes Adrenaline when the body is in stress

Granadatraphie harmone. Dise are 3 types in this

LH Prolaction FSH In female it Itstimulates In female it torupture leds to The Stimulates The the mature production 6+ formation of folkle. estragen harmone mille In males it produces It male it releases Production of testos terone Sperms

b) Median Lobe

This secretes and one hormone called Melanophore shouldting Hormone.

This hormone produces The brown pigment melanin which gives color to skin

C Hosteriar labe

i) Antidorchie Hormone: This is released when which are socrated Through hypothalamos this act as a store house for hormones The level of water is low in blood

ii) Oxytocin: It causes The contraction and

relaxation of vicines during

child birth

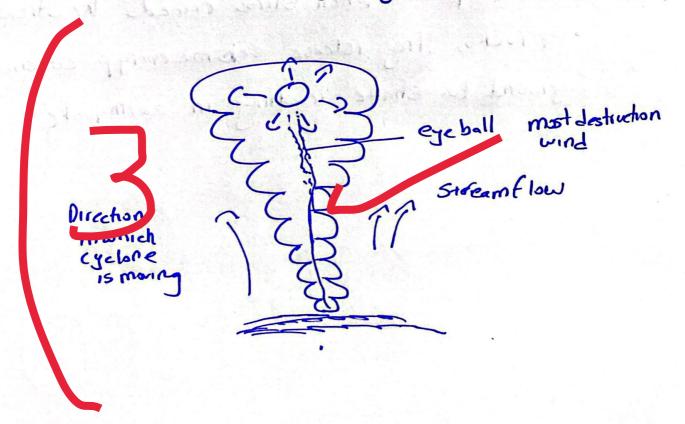
Draw the structure as well

Durston No 3

a) What causes a cyclone. In which port of the cyclones are The winds strongest and destructive

1. Introduction

Cyclones are formed over warm water when the see son face temperature is atleast 26.5 degrees Celsius. The heat from the ocean surface fuels the storm, causing warm air to rise and create a low-pressure system. As norm air a search it cools and condenses which intensify The storm Add more details in this part of the The eyeanswan The cyclone is most destructure as it is characterised by ring of towering Thunderstom.



b. What are shallow focus and deep focus what causes earthquake.

1. Introduction

Shallow-focus earthquake begins where the crustal plates of the earth are morning against one another. Deep focus earthquake begins when the tectoric plates moves under another or sub-ducts at the boundary of the continental plates.

Earthquake are caused when the movement of Admic Plates belieth the Earth's surface. When these plates interact at Plate boundaries stress builds up and when stress exceeds The strength of rocks, They release seismic energy causing ground to shake - resulting in earthquake

O Write a note on Pengue Fever. What are the primary and causes and what preventire measures can be taken to avoid dengue in fection?

. Introduction

Dengue fever is coused by a bite of a female mostiques called A edes Aegypti. It results in high grade fever and the platelets of the humans are impacted in it.

Bite of Aedes Aegypti

Virus prnetrates into slain

virus infects of replicates into Langerhan cells

Infected Langerhan cells 90 to Tymphatic

system to make immune sistem alert

enters blue stream

derese whik bland rells

(could in dengue.

2. Causes of dengue ferer

headache Bodypain Highfever Vomitting Diarrahoea

Every year 400million people get rected from Peogle.
(Norld Health Report)

i) Use inset Repellent

ii) Nont go outside at night
iii) Maintain prest control inside of outside of

iv) Was En Sterdes

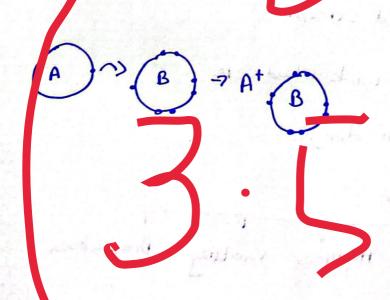
V) Use Bed nets

d. Distinguish between ionic and covalent wines with examples.

lonic Bond

- 1) It is The bond which is formed with two opposite charge ions.
- 2) They exist in solid stake
- 3) They have high mething and boiling point
- 4) They are soluble in water
- 5) They are good conductors
 A electricity

Example Nacl



CovalentBonds

It is The motoral shoring of one or more pairs of electrons.

They exist in all three slates solid, liquid and gases

They have low melting and boiling point

They are insolublein water

They are insulations they donot conduct electricity

Example H2

