

Question 20.

In order to manage an ecosystem

offetile in manner it is important to

understand the way if functions and how

it responds to many sociences of environmental stress

The areat Barner Reef (CBR) has

Many unique factor wich make up

If functioning conditions have to

the just right for an this ecosystem

My are to function. The temperature

of the water has to be believed

21 and 25° cre if the temperature

excepted or dedi declines below this

livel the effect on the reef run

the disasterous as was seen

in many Reeff and the



World Nere Coral bleeching occered

this is when the hiny polup haves

the coral leaving a white sheleton

which is now dead what newes

the polup to leave the roral is

the rise in temperature of the

water and the polup can no larger

sustain the change in temperature.

Corol Reef like the GBR only
occure on the life Equater and about 20°
degrees either sal side. Beravoe of the
water temperature found here which
is propical.

The goodily of the wester also

effects the Coral Reef greekely.

The water has to be clear another

for an photosynthsis to occure because

the a Coral reed a vertain amount



of sunlight to grow.

Human achity such a dunping of waste into the ocean and farming runoff effect the water the nutrients in human waste and chemicals produce alge which cling onto the roral and suff sufficates it. When this happens Coral Reefs become underwater

The worker keel is also important for coral te grow and live. Coral grow best when water is a no higher than about 20 metres some coral grows below this but not the coral star which is most common.

Apoller ecosystem such as Rainforasts



Need conditions which are just right to grow these conditions have occured over millions of years.

Rainforests need to have asked at enough anual ruinfall to finetion porter properly this is why rainferesty occure usually along the roastal or proposed oreas of the world The Minnimura Rainferest located near Krama about 200 kms from Sidney is a great example of how on acoustom functions in Australia. This Rainferest has 4 about 4 layers of trees which all interact together in farming and naintaining Re Dain forest. The first layer is the carpy which is to protect the & Ramforest from two much sunlight. This allow the orderstory



to grow which is made up of smaller traces which most animal life live in and supply most of the leaf littler which coats the Rainforest plant and holds in all the moisture for the plant life. The moisture for the plant

The next layer is of smaller fens
and such which line the

If Bell of the Rainferest. As mentionel
earlier the Rainforest floor is very
important in mainfairing mostive is
the rainferest.

All the layers which make up the Rainforest are important without one the other does not exist.