Assignment General Science Biological Science

1) Short sightedness: Short sightedness is defined as: Short sightedness common eye condition where distant objects Scientific name: Scientific name

Short signtedness is myopia-Symptoms Symptoms of start sightedness able given belows distant objects.

2) Needing to Squint or partially close the eyeli'ds to see clearly

DAY:	
DATE:	1
3) Headaches due to exestrain	
4) Difficulty seeing while driving	
1 1 0 1	
especially of night. 5) Frequent blinking and eye rubbing.	
Causes:	
Causes of myopia are	
given belows	
1) The exeball being too long	
melcitive to the focusing power	}
of the cornea and lens	
(ornea and lens being too	
curved for the length of the	
exeball-	
3) Genetic Jactor as myopia tends	
to you in families	
4) Environmental factors Such as	
prolonged naar work, like	
reading or screening time. Teatments	
Teatment	
Below are the treatments	
of myopia:-	
1) Prescription glasses or contact	
	-
lenses. 2) Refractive surgery to correct the	
1 Net met 1 segen to torrect the	1

DAY:
Shape of the cornea.
3) Orthokeraldogy (wearing rigid contact
1) Oxtrokeraldogy (wearing rigid contact lenses that reshape the cornea
overnight.
4) In some cases, atropine eye
1) In some cases, atropine eye drops might be used in
children to slow the progression.
(8)
For sightedness =
Far signtedness
Es gen belows
V
Far sightedness is a refractive
essor where distant objects
can be seen more distant
objects more clean than
nearby objects due to the light entering the eye being focused behind
light entering the eye
being focused benind
re ma.
Scientific name:
Hyperopia is the Scientific name of far sightedness
Scientific name of far sightedness

Symptomsi The Symptoms of for Signledness are given belows

1) Blurred vision when looking at closing objects. 2) Dis composis after prolonged close UP tasks. 3) Headaches or eye discomport. 4) Need for brigher light when reading or doing close up work. S) Younger people with high amount of hyperopia may find distant object blurry as well-Causes: Hyperopia curs when the eyeball is too short or the cornea has too little curvature. As a result, light entering the eye is not focused correctly. Genetics play a role as it often runs in families. Treatment : Treatments are given belows

1) The primary method to correct

DATE:	
hyperopia is contact lenses.	a complete of
2) Refractive surgery such as 2ASIK or LASEK can correct	
hyperopia by altering the snape	
hyperopia by altering the snape of the cornea. 3) Those who are not candidates	
for LASIK or PRK, they might	
consider clear lens entraction	
where the eye's clear internal lens is replaced with an	
avtificial lens-	
3 Night blindness:	
It is defined as	
belows Night blindness feas to	
Night blindness feas to difficulty seeing in low-light	
is not a disease in itself	
but a symptoms of underlying	
but a symptoms of underlying (onditions, mostly selected to disorder affecting the vertica. Scientific names	
Scientific names Ny ctalopia is known	
TO CHOPIU.IS THE	

as nightblindness.

Symptoms:

It's symptoms are

It's symptom are 11ght conditions.

1) Oifficulty adapting from bright meas to darker ones. Causes:

following are the causes

of night blindness:
1) Retinitis Promentosa is

genetic condition where the

yetina deteriosates and asse night blindness. 2) Vitamin A deficiency is also a cause of low light vision.

3) Calabacts is the clouding of the eye's natural lens which is one of the cause of night

h	indness.)AY:	
11				1	- 1	
3)	Myopia See	can	make	it.	more	challengin
10	See	in	10w	light.	1	0.0
Tre	mi ment	>		0		
		Treat	ments	are	given	bebw:
1)	Dietory	לממטצ	ements	ioor.	used	100
th	Dietory e treatm Correction	rnt	14	air bt	liodos	
2)	Correcti	10 10	4	rigine	used.	7.
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2)	neatment Avoiding those	-	rigi	1611000	7085	1-
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-	AND DESCRIPTION OF PERSONS AND DESCRIPTION OF PE	-
	diminish with age.	
	diminish with age. 3) (extain diseases such as	
	diabeles glaucoma, Alzheimer's disase	
	and alcoholism	
	Treatment:	
	Treatments are give	
	belows	
	1) Coloured contact lesses can	
	1) Codoved contact lesses can help differentiate setween colors	
	but won't provide normal	1
	Coloux vision.	
	1) Colored Sth tinted lenses	
	may improve prescription of	
	(olours.	
-		
-	Try attempting a question	
	Incorporate diagrams where required	
	You have got potential	
	Good luck!	CamScanner