7\ssighment Name: Hassam Masaud Batch: 047-CSS24-NOA-JBB1-ONJENE 1. Short-Sightedness: Definition: Short-sightedness, also Diagram A: Retina Diagram A: Myspi

near-sighted person/individual a certain distance, but bluxxed. Causes: The underlying to be a combination of genetic and environmental factors. (i) Genetics: A sk for inherited from one's parents. (ii) Environmental Factors! Environmental factors which increase the risk at short-sightedness include insufficient

activity, year work, and increased year education. Treatment: Some of the methods which are used for treating short-sightedness, are given below: (i) Glasses and Contacts: Corrective Penses bend the light entering the eye in a way that places a focused image accurately onto the retina (Diagram B) Diagram B:

2. Fax-Sightedness: Definition: Fax-sightelness, also known as hypermetropia, a condition of the ocuses behind istead retina (Diagram A Diagram A: Retina Biggrain B. Hypermetropia.

Signs and Symptoms. The sight and symptoms of fax-sightedness include bluxry vision, frontal ox Fronto tempost headaches, eye strain, tiredness of Causes: The causes of hypermetropia can be classified Briefly elaborate these. And xial, & Curvatural, A Index, A Positional, Alonsecutives AFunctional, Dasonce of Lens.

Treatment: Some of the methods which are used in treating hypermetropia are given below. (i) Corrective Lenses: The simplest form of treatment for tax-sightedness is the use of corrective lenses, i.e. eyeglasses or contact louses (Diagram B) Diagram B: Diagram B: Treasment of hyperine tropia.

3. Night Blindness: Definition: Night blindness, also Anown as nyctalopia, is a condition making it difficult ox impossible to see in xell pively low light. Causes: Night blindness has many causes, including & Myopia, AGlaucoma metications, A Cataracts, A Vitamin A deficiency, A Diabetes. Treatment: Treatment for night blindness depends on may be as simple as gesting a new eyestall

(ii) Complex Treatment: Treatment
may require surgery if
the night physics is
caused by catalacts. 4. Color Blindness: Definition: Color blindness is the decreased ability to see color or differences Causes: The causes of color blindness are (i) Genefics: Color blindness is typically an inherited genetic disorder. (ii) Non-Genetic Causes: Physical Frauma can cause color blingness, either neurologicallybrain trauma (which produces

occipital lobe) - or retinally either acute/e.g. from laser Exposure) or chronic (e.g., From UV light exposure). Treatment: The treatment Work on paper presentation. given berav. Write atleast 4 lines for the description cure fof headings/ic color blindness. (ii) Non-Genetic Color Blindness: If color blindness is non-genetic, the ophthalmologist all treat
the condition by prescribing
an appropriate medicine.