Vision Rehabilitation

- Are services provided to both who are partially sighted and those who are blind. These services include mobility training,

adaptive skills training, low vision instruction career servicesand training, psychological counseling and others.

- **What Are Low Vision Aids?**

- Low vision aids are devices which help people use their sight to better advantage. These aids may be optical lenses, such as magnifiers or telescopes, or non optical devices, such as visors, filters, reading slits, stands, lamps and large print.

- **How do Low Vision Aids Work?**

- Low vision aids may make things larger: they may make things brighter, they may make things clearer, and they may improve contrast. Some may do more than one thing, but generally, all low vision aids make it easier to see something by magnifying it to the level one can see.

Optical devices are of two kinds:

- Near

- Distance

Near devices are designed for magnifying close objects and print.

Distance devices are for magnifying things in the distance (from about 3 meters to far away).

MAGNIFYING SPECTACLES
(High Plus Reading Glasses)

Fig. 6.1: Magnifying glasses fulframe or half eye

HAND MAGNIFIERS

Fig. 6.6: Hand magnifiers

Fig. 11.6: Stand magnifier, slant reading table and lamp

Nonoptical Devices

- *Nonoptical Devices can be Grouped According to Their Function*

1. Enhances the images and reduces glare

- Typoscope

2. Enhances contrast

- Good lighting on object or print
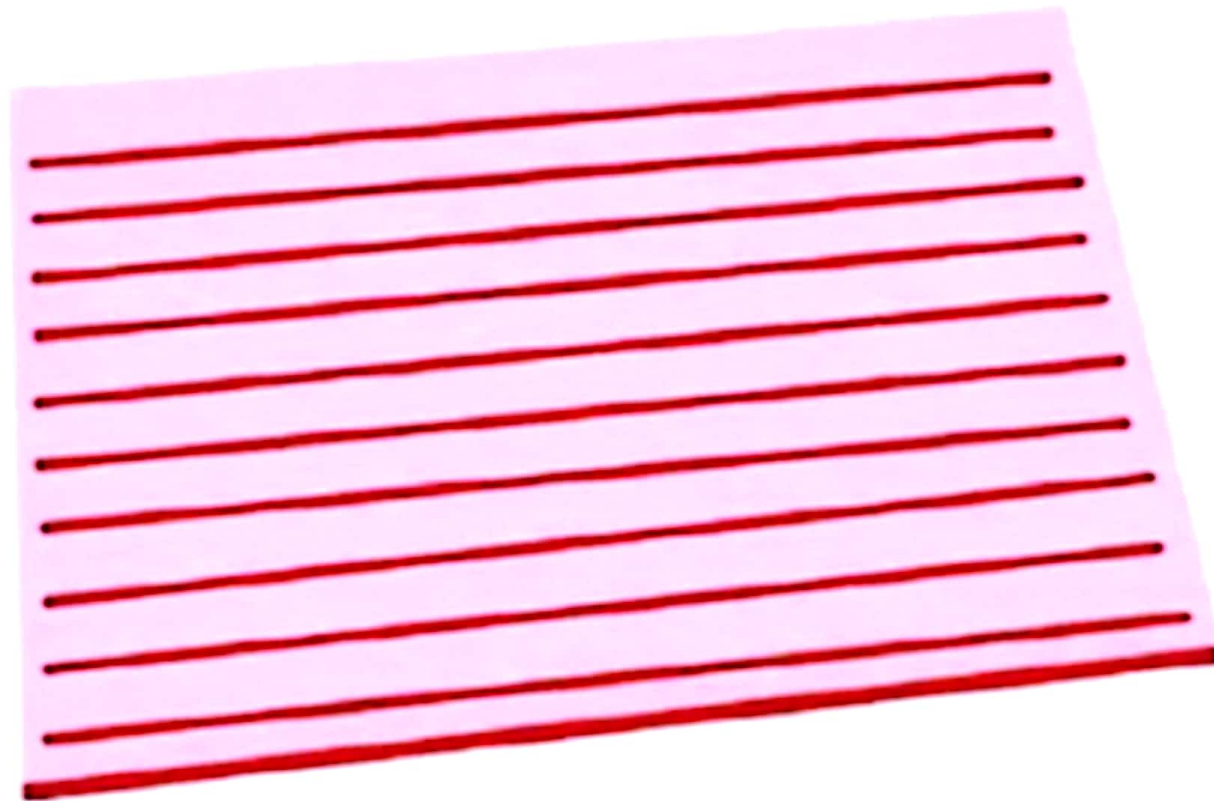
- Bold lined paper

- Writing guide

Fig. 7.1: Bold line paper

Illumination

- Need for **higher levels of illumination are seen in patients**

who have:

- a. Lost cone functions, like in macular degeneration or ARMD
- b. Damaged nerve fibers layers like in glaucoma
- c. Diabetic retinopathy
- d. Patients on miotics
- e. Degenerative myopia
- f. Chorioretinitis
- g. Retinitis pigmentosa.

Eye diseases which requir **reduce illumination:**

- a. Albinism
- b. Aniridia
- c. Corneal opacity
- d Achromatopsia

Glare Reduction Lenses/Filters

Fig. 7.7: Glare cutting filter