

2 0 2 3
AUGUST

Eye Checkup and Instruments

Full Marks - 30

Time - 3 Hours

The figures in the margin indicate full marks for the questions

Answer all questions

1) Fill in the blanks:

[1x10=10]

- a) Arcus Senilis is commonly found in _____.
 - b) Orbit is composed of _____ bones.
 - c) Scissoring reflex is seen in _____.
 - d) _____ denotes warm colors in Topography.
 - e) _____ technique in slit lamp can be used to observe corneal scar.
 - f) Range of Keratometry is _____.
 - g) _____ can be used as a home device for vision therapy
 - h) _____ is the principle of keratometer.
 - i) _____ is the resolving power of the eye on ability to see two separate objects.
 - j) Use of Gonioscopy is _____.
- 2) Briefly answer the following question: [2X10=20]
- a) Define Keratoconus.
 - b) Define Spring Cataract
 - c) Classify cataract
 - d) Extended Keratometry

Turn over

3) Write short note on (any six):

[5X6=30]

- e) Visual Field Tests
 - f) Components of Visual Acuity
 - g) Schiottz Tonometry
 - h) What is Sclerotic Scatter?
 - i) Corneal Topography.
 - j) Name extra ocular muscles.
- a) Signs & symptoms of chemical injuries
 - b) Congenital anomalies of lens
 - c) Direct Ophthalmoscope
 - d) Tests for Hyper-lacrimation.
 - e) Static and Dynamic Retinoscopy.
 - f) Color Vision Tests
 - g) Trial frame
 - h) Corneal Stains.
- 4) Answer any two of the following: [10X2=20]
- a) Keratoconus -investigations & treatment
 - b) Describe conjunctival degenerations
 - c) What is Perimetry? How many types of Perimetry, explain in brief of anyone.
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(SS/BOP1-II/ECIN/08-23)