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**KING SAUD UNIVERSITY**

**COLLAGE OF APPLIED MEDICAL SCIENCES**

**DEPARTMENT OF Optometry and Vision Science**

**OPTO 323 - 1st semester 2014/2015**

**Quiz 1**

**22/09/2014**

**Student’s Name: ……………………………………… ID:……………………….**

**Mark: /15**

1. **Please circle the correct answer ( /2.5)**
2. The diameter of probe in tonometry is:
3. 3.25 mm
4. 2.00 mm
5. 3.50 mm
6. 2.50 mm
7. None of the above
8. The normal extent of temporal field of vision is:
9. 60o
10. 70o
11. 80o
12. 90o
13. 100o
14. The extent of the visual field depends on several features of the stimulus includes:
15. Motion
16. Visual acuity
17. Brightness
18. Size
19. a,b& c
20. none of the above
21. all of the above
22. a,c&d
23. the Peripheral Visual field is:
24. on 30degreesradius
25. on 40 degree radius
26. beyond 40 degrees radius
27. beyond 30 degrees radius
28. none of the above
29. In Arcuate Scotoma, the temporal portion of the field is narrow because:
30. All of the nerve fiber bundles converge onto the optic nerve.
31. All of the nerve fiber bundles diverge against the optic nerve.
32. Some of the nerve fiber bundles converge onto the optic nerve.
33. Some of the nerve fiber bundles diverge against the optic nerve.
34. **Please put “T” in front of the True statement and “F” in front of the False statement. ( /2.5)**
35. Most tonometers are calibrated to measure pressure in inches of mercury.(\_\_)
36. Ideal tonometry should give inaccurate and unreasonable IOP measurement (\_\_).
37. The reading of IOP > 23 mmHgindicates Glaucoma (\_\_).
38. Perkins Hand-held tonometry is harder than Goldman tonometry since one hand is used to position the instrument on the cornea and adjust the applying force (\_\_).
39. In kinetic perimetry, the luminance and the size of the target is remain constant (\_\_).
40. **Choose the suitable word from the listing words below and put the correct word in the right place. ( /2.5)**

Confrontation technique glaucomatous damage Optic tract Schiotz

the ORA optic chiasma Tangent Screen Goldman tonometry

1. The axons of retinal ganglion cells after they have passed through the region of the optic chiasm  route to the lateral geniculate nucleus of the thalamus is called …………………
2. …………………... does not need for SlitLamp or power supply.
3. …………………….is the only instrument in the world that capable of measuring Corneal Hysteresis (CH).
4. …………………………… is a qualitative measurement but is a good starting point and can easily be carried out in the surgery.
5. In nerve Fiber Bundle Defects,the superior and inferior poles of the optic nerve head are most vulnerable to ………………………
6. **Please match the sentences in the first Column with the sentences in the second Column. ( /2.5)**
7. Tonometry A. Goldman tonometry
8. Humphrey program B .Measure biomechanical

properties of the cornea

1. The ORA

C. measure IOP

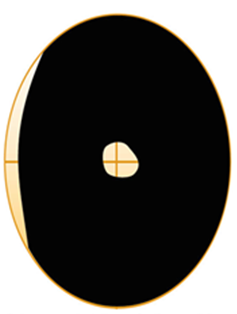
1. Static applanation tonometry

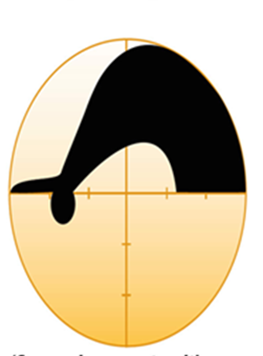
E. used for Glaucoma

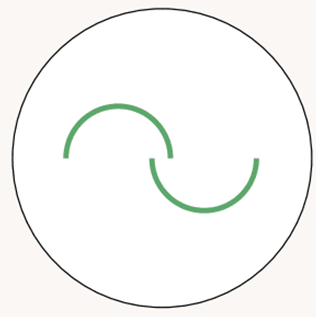
5. Hruby lens

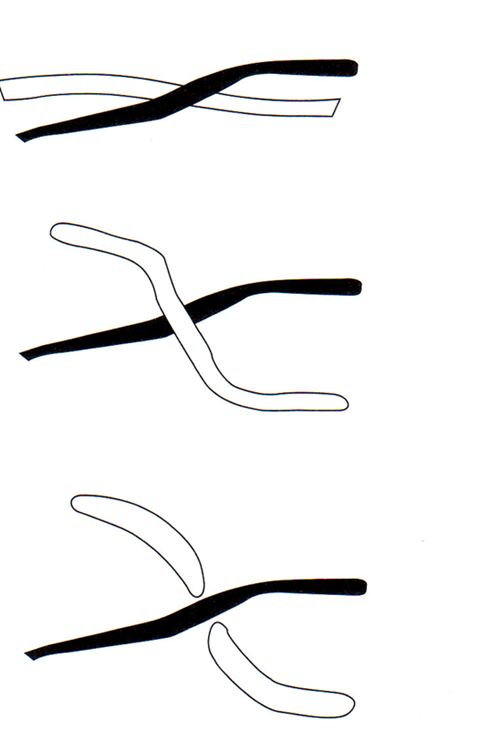
F. limited filed of view (5o-15o)

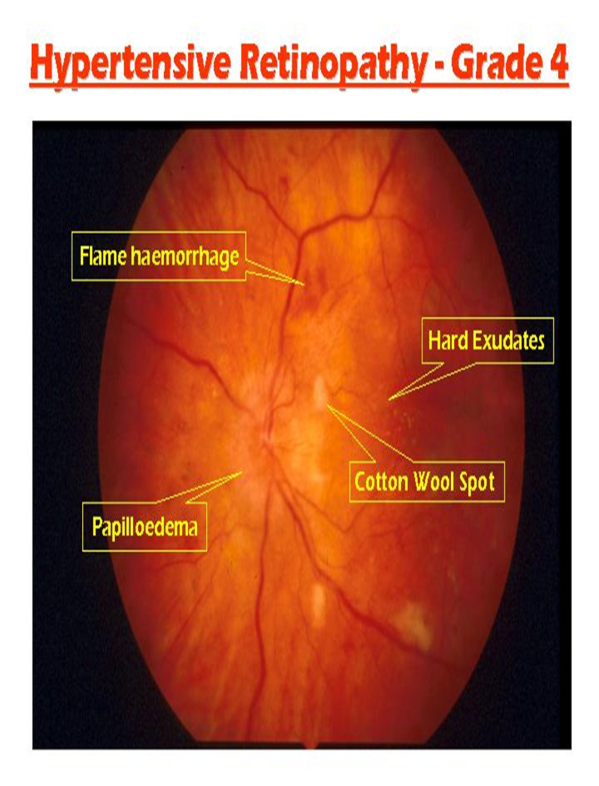
1. **Write the descriptionnext to each picture: ( /5)**

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