

Forum:Seminar papers/Biophysics/2. LF/2018-2019/Group 6

(group HI)

Question number	MCQ	Answer
1	Which one of the vision complications below may be more likely caused by the natural aging process? A- Hyperopia B- Astigmatism C- Presbyopia D- Myopia	C
2	Astigmatism can be corrected by ___ lenses. A- Concave B- Toric C- Convex D- Uv	B
3	Which one is NOT true about Snellen type charts? A- The chart is not standard, therefore, results may be different according to the type of chart. B- Patient may remember the symbols and this can affect the accuracy of the results. C- This chart allows optometrist to diagnose refraction problems with the eyes of the patient. D- At the conventional distance of 6 m normal vision should have the value of 6/6 for each eye separately.	C
4	In examination of the eye with a refractometer convergent rays represent ____. A- Myopia B- Physiological state of the eye C- Vision ability of the patient at 6 meters away from the Snellen chart. D- Hyperopia	A
5	Myopia means ____ A- Farsightedness B- Nearsightedness C- Blindness D- None of the above	B
6	Hyperopia means the eyeball is ____ A- Too short B- Too long C- Damaged D- None of the above	A
7	Presbyopia is ____ A- When the eye is physically damaged B- An eye infection caused by bacteria C- A genetic mutation in the eye D- None of the above	D
8	A refractive error in which the eye doesn't focus light equally along perpendicular axes is called ____ A- Myopia B- Presbyopia	C

	<p>C- Astigmatism</p> <p>D- Colour blindness</p>	
9	<p>What does the refractometer mainly measure?</p> <p>A- Focal length of the eye</p> <p>B- Refraction of the lens system of the eye</p> <p>C- Field of vision</p> <p>D- None of the above</p>	B
10	<p>According to the Snellen chart, the most common vision is ___</p> <p>A- 6/6</p> <p>B- 6/12</p> <p>C- 6/4</p> <p>D- 4/6</p>	C
11	<p>When using the Snellen chart, the patient should start with ___</p> <p>A- The bad eye</p> <p>B- The good eye</p> <p>C- Both eyes</p> <p>D- It doesn't matter</p>	A
12	<p>The smallest lines the patient can read in Snellen's chart are called ___</p> <p>A- Division</p> <p>B- Snellen index</p> <p>C- Minimum</p> <p>D- Fraction</p>	D
13	<p>Which of the following methods is used for the optometric examination of the eye:</p> <p>A-CT scan</p> <p>B- optotype</p> <p>C-X Ray</p> <p>D- none of the above</p>	B
14	<p>Which is correct about optotypes:</p> <p>A-it's a subjective method</p> <p>B-the patient tells the examiner what he see</p> <p>C-does not tell us anything specific about the eye disorder</p> <p>D- all the above</p>	D
15	<p>Regarding optical power:</p> <p>A-it depends on the focal length of lens</p> <p>B-the units are Dioptres</p> <p>C-the optical power of the lens of the eye can be changed</p> <p>D-all the above</p>	D
16	<p>The refractometer:</p> <p>A- can distinguish between myopia and hyperopia</p> <p>B-it's a subjective method</p> <p>C- doesn't calculate the value of optic power</p> <p>D-none of the above</p>	A
17	<p>Choose the correct statement about the refractometer:</p> <p>A-) infrared light is reflected off the retina</p> <p>B-) the refraction of the lens system of the eye is measured by checking the direction of the infrared light when it emerges from the eye</p>	D

	C-) the infrared light is detected using a CCD device D-)all the above	
18	Which problem can be encountered when using the refractometer's automatic mode? A) Calibration Error B) Too long measurement C) Permanent loss of eyesight D) Eye pain	A