

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

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**This article was checked by pedagogue**



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## Optometry MCQs

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- Astigmatism

D- Colour blindness

C

9 What does the refractometer mainly measure?

A- Focal length of the eye

B- Refraction of the lens system of the eye

C- Field of vision

D- None of the above

B

10 According to the Snellen chart, good vision is \_\_\_\_

A- 6/6

B- 6/12

C- 6/4

D- 4/6

A

11 When using the Snellen chart, the patient should start with \_\_\_\_

A- The bad eye

B- The good eye

C- Both eyes

D- It doesn't matter

A

12 The smallest lines the patient can read in Snellen's chart are called \_\_\_\_

- A- Division
  - B- Snellen index
  - C- Minimum
  - D- Fraction
- D

13 Which of the following methods is used for the optometric examination of the eye:

- A-CT scan
  - B- optotype
  - C-X Ray
  - D- none of the above
- B

14 Which is correct about optotypes:

- A-it's a subjective method
  - B-the patient tells the examiner what he see
  - C-does not tell us anything specific about the eye disorder
  - D- all the above
- D

15 Regarding optical power:

- A-it depends on the focal length of lens
  - B-the units are Dioptres
  - C-the optical power of the lens of the eye can chang with age
  - D-all the above
- D

16 The refractometer:

- A- can distinguish between myopia and hyperopia
  - B-it's a subjective method
  - C- doesn't calculate the value of optic power
  - D-none of the above
- A

17 Choose the correct statement about the refractometer:

- A-) infrared light is reflected off the retina
  - 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
  - C-) the infrared light is detected using a CCD device
  - D-)all the above
- D

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