

Year 1: Foundations of Optometrists and Patient Care
Subject 3: Introduction to Optometric Instruments and Diagnostic Equipment

1. What does an ophthalmoscope examine?

- a) Eye color
- b) Eye pressure
- c) Eye movement
- d) Eye interior

Correct Answer: d) Eye interior

2. What is the purpose of a retinoscope?

- a) Check eye color
- b) Measure eye pressure
- c) Assess refraction
- d) Examine retina

Correct Answer: c) Assess refraction

3. What does a slit lamp examine?

- a) Eye surface
- b) Eye color
- c) Eye pressure
- d) Eye movement

Correct Answer: a) Eye surface

4. How should an ophthalmoscope be maintained?

- a) All of the above
- b) Clean lenses
- c) Change batteries
- d) Store properly

Correct Answer: a) All of the above



5. Which part of the eye does the slit lamp illuminate?

- a) Surface
- b) Retina
- c) None
- d) Interior

Correct Answer: a) Surface

6. What is the main use of a tonometer?

- a) Check eye alignment
- b) Examine retina
- c) Measure intraocular pressure
- d) Measure refraction

Correct Answer: c) Measure intraocular pressure

7. What is a key component of a retinoscope?

- a) Mirror
- b) All of these
- c) Lens holder
- d) Light source

Correct Answer: b) All of these

8. How often should optometric instruments be calibrated?

- a) Daily
- b) Monthly
- c) Annually
- d) Weekly

Correct Answer: c) Annually



9. What does the retinoscope measure?

- a) Eye pressure
- b) Eye reflex
- c) Eye length
- d) Eye alignment

Correct Answer: b) Eye reflex

10. What does the slit lamp's beam do?

- a) Focus light
- b) Magnify structures
- c) Measure pressure
- d) All of the above

Correct Answer: d) All of the above

11. What safety equipment is essential when using optometric tools?

- a) Gloves
- b) Both
- c) None
- d) Goggles

Correct Answer: b) Both

12. What type of vision does a retinoscope help correct?

- a) None
- b) Night vision
- c) Color vision
- d) Astigmatism

Correct Answer: d) Astigmatism



13. What is the primary function of an ophthalmoscope?

- a) Check color vision
- b) Measure pressure
- c) Assess alignment
- d) Examine retina

Correct Answer: d) Examine retina

14. What should be done before using a slit lamp?

- a) Adjust height
- b) Clean lens
- c) All of the above
- d) Check bulb

Correct Answer: c) All of the above

15. What is the function of the lens holder in a retinoscope?

- a) Measure distance
- b) Hold corrective lenses
- c) Adjust light
- d) None of these

Correct Answer: b) Hold corrective lenses

16. What type of light does a slit lamp use?

- a) Incandescent
- b) Fluorescent
- c) LED
- d) UV

Correct Answer: c) LED



17. What tool measures intraocular pressure?

- a) Tonometer
- b) Ophthalmoscope
- c) Retinoscope
- d) Slit lamp

Correct Answer: a) Tonometer

18. Which instrument helps in visual acuity testing?

- a) Retinoscope
- b) Tonometer
- c) Snellen chart
- d) Ophthalmoscope

Correct Answer: c) Snellen chart

19. When should a slit lamp be cleaned?

- a) After every use
- b) Never
- c) Monthly
- d) Once a week

Correct Answer: a) After every use

20. What is the main component of an ophthalmoscope?

- a) All of these
- b) Lens
- c) Light source
- d) Mirror

Correct Answer: a) All of these



21. What is the slit lamp used for?

- a) Examine eye structures
- b) Test color vision
- c) Check IOP
- d) Measure refraction

Correct Answer: a) Examine eye structures

22. How do you adjust a retinoscope?

- a) Move mirror
- b) Change lenses
- c) None of these
- d) Change light

Correct Answer: b) Change lenses

23. What is a common maintenance task for a tonometer?

- a) Change batteries
- b) All of these
- c) Clean tip
- d) Adjust pressure

Correct Answer: b) All of these

24. What is the first step in using a slit lamp?

- a) Check power
- b) Clean lens
- c) Adjust light
- d) Position patient

Correct Answer: d) Position patient



25. What type of light is best for pupil examination?

- a) Natural
- b) Dim
- c) Colored
- d) Bright

Correct Answer: d) Bright

