



CHEMISTRY

BOOKS - VGS BRILLIANT CHEMISTRY (TELUGU ENGLISH)

HUMAN EYEE AND COLOURFUL WORLD

Exercise

1. The loss of ability of an eye to focus near and far objects, with the advancing age is called

A. Myopia

B. Presbyopia

C. Astigmatism

D. Hypermetropia

Answer:



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2. Presbyopia arises due to

- A. Elongation of eye ball
- B. Contraction of eye ball
- C. Irregular surface of cornea
- D. Loss of flexibility of eye lens

Answer:



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3. A defect of vision, in which lines in one plane of an object appear in focus while those in another plane are out of focus is called

A. Myopia

B. Distortion

C. Astigmatism

D. Hypermetropia

Answer:



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4. In myopia

- A. No image is formed
- B. Image is formed at retina
- C. Image is formed in front retina
- D. Image is formed behind-retina

Answer:



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5. Myopia arises due to

A. Old age

B. Shortening of eye ball

C. Elongation of eye ball

D. Irregular curvature of retina

Answer:



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6. The hypermetropia is a

A. short-sighted defect

B. Long-sighted defect

C. Bad vision due to Old age

D. None of these

Answer:



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7. A person uses spectacles of power + 2D . He is suffering from

- A. myopia
- B. Presbyopia
- C. Astigmatism
- D. Hypermetropia

Answer:



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8. A man suffering from short-sight is unable to see objects distinctly at a distance more than 2m . The power of lens required to correct this defect should be

A. -0.5D

B. -2D

C. + 0.50 D

D. +2D

Answer:



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9. Which of the following produces yellow light ?

a) Sodium lamp b) Sunlight c) LPG gas

A. Only (a)

B. Only (a) and (b)

C. Only (a) and (c)

D. Only (b) and (c)

Answer:



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10. In the human eye, the opaque diaphragm behind the cornea is called the

A. Choroids

B. Iris

C. Retina

D. Lens

Answer:



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11. Consider the following statements : a)
When light rays are incident on the eye,
maximum deviation takes place at the cornea.
B) The ciliary muscles adjust for changing the
intensity of light entering the eye. Which of
these statement (s) Is / are correct ?

A. (a)Only

B. b) Only

C. Both (a) and (b)

D. Neither (a) nor (b),

Answer:



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12. Consider the following statements :

a) For a normal eye, the far point is at infinity.

b) Focal length of eye lens is fixed. c) The

change in focal length of eye lens to focus

image at varying distance is done by the

action of pupil .

Which of the these statement (s) / are correct

?

A. Only (b)

B. Only (a)

C. (a)And (b)

D. (b) and (c)

Answer:



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13. Which of the following statement is not an advantage of having two eyes ?

A. Ability to get a wider field of view than that provided by a single eye

B. Ability to detect faint object than it is possible with one eye

C. Ability to focus on two different objects at the same time in two different directions

D. Ability to experience three dimensional effect of the world

Answer:



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14. The loss of ability of an eye to focus near and far objects, with the advancing age is called

- A. Myopia
- B. Presbyopia
- C. Astigmatism
- D. Hypermetropia

Answer:



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15. Presbyopia arises due to

- A. Elongation of eye ball
- B. Contraction of eye ball
- C. Irregular surface of cornea
- D. Loss of flexibility of eye lens

Answer:



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16. A defect of vision, in which lines in one plane of an object appear in focus while those in another plane are out of focus is called

- A. Myopia
- B. Distortion
- C. Astigmatism
- D. Hypermetropia

Answer:



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17. In myopia

- A. No image is formed
- B. Image is formed at retina
- C. Image is formed in front retina
- D. Image is formed behind-retina

Answer:



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18. Myopia arises due to

A. Old age

B. Shortening of eye ball

C. Elongation of eye ball

D. Irregular curvature of retina

Answer:



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19. The hypermetropia is a

- A. short-sighted defect
- B. Long-sighted defect
- C. Bad vision due to Old age
- D. None of these

Answer:



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20. A person uses spectacles of power + 2D .
He is suffering from

A. myopia

B. Presbyopia

C. Astigmatism

D. Hypermetropia

Answer:



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21. A man suffering from short-sight is unable to see objects distinctly at a distance more

than 2m . The power of lens required to correct this defect should be

A. -0.5D

B. -2D

C. + 0.50 D

D. +2D

Answer:



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22. Which of the following produces yellow light ?

a) Sodium lamp b) Sunlight c) LPG gas

A. Only (a)

B. Only (a) and (b)

C. Only (a) and (c)

D. Only (b) and (c)

Answer:



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23. In the human eye, the opaque diaphragm behind the cornea is called the

A. Choroids

B. Iris

C. Retina

D. Lens

Answer:



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24. Consider the following statements : a)
When light rays are incident on the eye,
maximum deviation takes place at the cornea.
B) The ciliary muscles adjust for changing the
intensity of light entering the eye. Which of
these statement (s) is / are correct ?

A. (a) Only

B. b) Only

C. Both (a) and (b)

D. Neither (a) nor (b),

Answer:



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25. Consider the following statements :

a) For a normal eye, the far point is at infinity.

b) Focal length of eye lens is fixed. c) The

change in focal length of eye lens to focus

image at varying distance is done by the

action of pupil .

Which of the these statement (s) / are correct

?

A. Only (b)

B. Only (a)

C. (a)And (b)

D. (b) and (c)

Answer:



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26. Which of the following statement is not an advantage of having two eyes ?

A. Ability to get a wider field of view than that provided by a single eye

B. Ability to detect faint object than it is possible with one eye

C. Ability to focus on two different objects at the same time in two different directions

D. Ability to experience three dimensional effect of the world

Answer:



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