

BSC
Optometry
VI

JAN - 2024

BLDE (DEEMED TO BE UNIVERSITY)

B.Sc. in Optometry

[Time: 3 Hours]

[Max. Marks: 80]

VI SEMESTER

PAPER - I (Contact Lenses II)

QP CODE: 8640

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Fitting procedure of soft contact lens and evaluation.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Contact lenses in sports.
3. Keratometric method of fitting of RGP lenses.
4. Contact lenses in Aphakia
5. Therapeutic contact lenses
6. Contact lens in paediatric patients.
7. Contact lens in presbyopia.
8. Complications of Soft lenses
9. Write about Common Handling Instructions, Insertion & Removal Techniques. OF SOFT CONTACT LENS
10. Extended wear contact lenses.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Name materials used for Rigid contact lenses.
12. Name the contact lenses used for keratoconus.
13. Stages of manufacturing of soft contact lens.
14. Disadvantages of RGP lenses.
15. Name cleaning agents and write their two importance.
16. Diagnostic uses of contact lenses.
17. Name some lubricants and their uses.
18. Name the deposits on soft contact lenses.
19. Properties of contact lens cleaning solutions
20. Write a note on multipurpose solutions.
21. Write indications for toric contact lenses.

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VI SEMESTER
PAPER - II (Sports Vision)
QP CODE: 8641

Your answer should be specific to the questions asked.
Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Name various sports protective devices. Write about dispensing of various kinds of sports eyewear.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Glare sensitivity and glare recovery.
3. Eye hand co-ordination and eye foot co-ordination.
4. Post traumatic vision syndrome.
5. Visual midline shift syndrome.
6. Visual concentration and speed of recognition.
7. Distance fixation disparity.
8. Anterior segment injuries due to blunt trauma.
9. Prescription for sports vision correction.
10. Protective eyewear for sports.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Visual Adjustability.
12. Peripheral reaction time.
13. Anticipation timing.
14. Speed of focusing.
15. Dynamic visual acuity.
16. Fusional Reserve.
17. Dominant eye.
18. Name six posterior segment injuries from blunt trauma.
19. Spatial localization.
20. High Contrast.
21. Contact lenses for sports.

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VI SEMESTER

PAPER - III (Pediatric and Geriatric Optometry)

QP CODE: 8642

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Amblyopia – Definition, types, investigations and treatment.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Congenital cataract.
3. Grading of AC depth.
4. Hirschberg test.
5. Types of IOL.
6. Keretoconus.
7. Accommodative esotropia.
8. Congenital dacryocystitis.
9. Problems with aphakic spectacles and ways to overcome them.
10. Hering' Law.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Buphthalmos.
12. PCO.
13. Anisometropia.
14. Complicated cataract.
15. Proptosis. Mention two causes.
16. Define Leucocoria. Mention two causes.
17. Maddox rod test and its uses.
18. FFA.
19. Preferential looking test.
20. Management of presbyopia.
21. Fogging

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VI SEMESTER

PAPER - IV (Occupational Optometry)

QP CODE: 8643

Your answer should be specific to the questions asked.
Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Role of optometrists in occupational safety.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Task analysis.
3. Visual standards for jobs.
4. Pre-employment eye examination.
5. Write about blunt injuries of eye in industries.
6. ESI Act.
7. Write about ILO and WHO.
8. First aid for chemical injury on eye.
9. Tests for colour vision.
10. Write about the vision standards in Railways.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Occupational hygiene.
12. Name complications of chemical injury on eye.
13. Name protective eyewear used in industries?
14. Name uses of contact lens in industries.
15. Effects of radiation on eye.
16. What are the duties towards a patient by an optometrist?
17. Name theories of colour vision?
18. Name complications of intraocular foreign body?
19. Expand LASER and mention the types of Lasers.
20. Chalcosis.
21. WCA