

**PARAMEDICAL BOARD, BANGALORE**  
**ANNUAL EXAMINATION AUGUST - 2018**  
**II DIPLOMA IN OPHTHALMIC TECHNOLOGY(RS2)**

Time: 3. 00 HRS

Max Marks:100

**GENERAL INSTRUCTIONS:**

- I. The question paper has two parts A and B. Both the parts are compulsory.
  - II. Write neat diagrams wherever necessary, Handwriting should be legible.
- Subject: Paper II Q P CODE: 5163

- I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Classify cataract, Preoperative work up of cataract patient
2. Entropion
3. Chronic dacryocystitis
4. Clinical features and management of Anterior uveitis
5. Write a note on Bacterial conjunctivitis

- II. Short answers 10 X 3 = 30 marks

6. What is entropion and ectropion?
7. What are types of cataract?
8. Mention relevant systemic and local investigations for cataract surgery?
9. Schirmers test
10. Causes of redness of eyes
11. Types of corneal vascularisation
12. What is acute congestive glaucoma?
13. What is pseudopterygium?
14. What is pingecula?
15. Signs and symptoms of viral conjunctivitis?

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Subject: Paper II

Q P CODE: 5164

- I. Short notes, answer any FOUR questions. 4 X 5 = 20 marks

1. Define and classify glaucoma
2. Mention names of uniocular and binocular eye movements
3. What is binocular single vision ? what are 3 grades of BSV
4. What is diabetic retinopathy ? what are the changes seen on funduscopy
5. What is hypertensive retinopathy ? what are fundus changes seen in chronic hypertensive patients

- II. Short answers 10 X 3 = 30 marks

6. Name the structures forming AC angle
7. Optic disc changes in Primary Open-Angle Glaucoma (POAG)
8. Cover test
9. What are the subtypes of amblyopia?
10. Xerophthalmia, write the dosage of vitamin A given
11. 4 causes of paralytic squint
12. Visual fields in glaucoma
13. Define amblyopia
14. What is trabeculectomy?
15. Write about isotropia

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**PARAMEDICAL BOARD, BENGALURU**  
**SUPPLEMENTARY EXAMINATION, FEBRUARY 2019**  
**II YEAR DIPLOMA IN OPHTHALMIC TECHNOLOGY**

TIME: 3.0HRS

(RS-2 SCHEME)

MAX.MARKS.100

**General Instructions:**

- x. The question paper has TWO parts. Both parts are compulsory.
- xi. Write neat diagrams wherever necessary, handwriting should be legible.

**QP CODE: 5163, SECTION-A, PAPER-II**

- **Short Notes. Answer any four questions.** **4 X 5 = 20 marks**
  - 1. Discuss Ophthalmia neonatorum. And its management
  - 2. Classification of Diabetic retinopathy.
  - 3. Interpretation of lacrimal syringing.
  - 4. Chemical injuries of the eye.
  - 5. Visual rehabilitation of cataract surgery patients.
- **Short Answers** **10 X 3 = 30 marks**
  - 6. Blepharitis.
  - 7. Vitamin A deficiency.
  - 8. Management of corneal aberrations.
  - 9. Acute glaucoma.
  - 10. Orbital cellulitis.
  - 11. Types of hyper mature cataracts.
  - 12. Investigations before cataract surgery.
  - 13. Near vision correction following IOL surgery.
  - 14. Types of senile cataract.
  - 15. External hordeolum(stye).

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**QP CODE: 5164, SECTION-B, PAPER-II**

- **Short Notes. Answer any four questions.** **4 X 5 = 20 marks**
  - 1. Early diagnosis of glaucoma.
  - 2. Diagnosis and treatment of amblyopia.
  - 3. Ocular features of vitamin A deficiency.
  - 4. Cover tests.
  - 5. Concomitant squints.
- **Short Answers** **10 X 3 = 30 marks**
  - 6. Digital tonometry.
  - 7. Static perimetry.
  - 8. Optic disc examination in glaucoma.
  - 9. Diabetic cataract.
  - 10. Stereopsis.
  - 11. Hypertensive retinopathy.
  - 12. Mention grades of binocular single vision.
  - 13. Topical beta blockers.
  - 14. Night blindness.
  - 15. Diabetes control for cataract surgery.

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**PARAMEDICAL BOARD, BENGALURU**  
**ANNUAL EXAMINATION, AUGUST 2019**  
**II YEAR DIPLOMA IN OPHTHALMIC TECHNOLOGY (DOT)**  
**TIME: 3 HRS (RS -2 SCHEME) MAX. MARKS: 100**  
**QP CODE: 5163, PAPER-II**

**I. SHORT NOTES- Answer Any EIGHT Questions**

**8x5=40**

1. Define Cataract. Describe stages of maturation of Cortical Cataract
2. Classify Corneal Ulcer
3. Lacrimal sac syringing method & interpretation
4. Describe five differences between acute Conjunctivitis & Acute iridocyclitis
5. Describe first Aid Management of Acute alkali injury
6. Optic Disc Changes in Glaucoma
7. WHO Classification of Vitamin A Deficiency
8. Stages of Diabetic retinopathy
9. Binocular Single Vision
10. Visual field Defects in Glaucoma

**II. SHORT ANSWERS**

**20x3=60**

11. Treatment of VIT A deficiency
12. Ophthalmia Neonatorum
13. Complication of corneal ulcer
14. Conservative management of cataract
15. Describe risk factors for Diabetic Retinopathy
16. Describe types of cataract surgery
17. Write morphological classification of cataract
18. Macular Function test
19. Describe three causes for sudden loss of vision
20. Describe procedure for removal of corneal foreign body
21. Principle of applanation Tonometry
22. Define & classify Squint
23. Non-Contact tonometer
24. Drugs Used to reduce intraocular pressure
25. Screening for Glaucoma
26. A scan Biometry
27. Treatment of Squint
28. Methods to visualize optic disc
29. Hypertensive Retinopathy
30. Treatment of Diabetic Retinopathy

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SUPPLEMENTARY EXAMINATION, JANUARY 2020

II YEAR DIPLOMA IN OPHTHALMIC TECHNOLOGY (DOT)  
QP CODE: 5163, OPHTHALMOLOGY PAPER-II (RS -2 SCHEME)  
(WRITE IN GREEN ANSWER BOOK)

TIME: 3 HRS

MAX. MARKS: 100

I. SHORT NOTES- ANSWER ANYEIGHT

8x5=40

1. Glaucoma
2. Diabetic Retinopathy
3. Post operative complication of cataract surgery.
4. Corneal Ulcer
5. Cataract and it's management
6. Mention Vitamin 'A' deficiency and treatment
7. Types of Squint
8. Types of blephritis and complication
9. Eye lid diseases
10. Procedure for measuring intraocular pressure.

II. SHORT NOTES

20x3=60

11. Types of cataract surgery
12. What is mature and hyper matured cataract
13. Methods of removing corneal foreign body
14. Treatment of chalazion
15. Epilation
16. Complications of corneal ulcer
17. Clinical signs of acute congestive glaucoma
18. Causative organism of conjunctivitis
19. External and internal hordeolum
20. Epiphora
21. Pseudophakia
22. Lacrimal syringing
23. Management of acid burns
24. Ophthalmic emergencies
25. Eye health education in preventing common Eye diseases
26. What are the investigations done before cataract surgery
27. Post operative health education to cataract patients
28. Pterygium
29. Keratoconus
30. Lid Diseases

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ANNUAL EXAMINATION, NOVEMBER 2020

II YEAR DIPLOMA IN OPHTHALMIC TECHNOLOGY (DOT)

TIME: 3 Hrs

(RS -2 SCHEME)

MAX. MARKS: 100

QP CODE: 5163, OPHTHALMOLOGY, PAPER-II

(WRITE IN GREEN ANSWER BOOK)

SHORT NOTES: ANSWER ANY EIGHT

8x5=40

- 1 Communicable and non communicable Eye diseases
- 2 Define blindness and its classification
- 3 Procedure for measuring intraocular pressure
- 4 Types of blephritis and complication
- 5 Eye lid diseases
- 6 Vitamin 'A' Deficiency and treatment
- 7 Types of Squint
- 8 Glaucoma
- 9 Cataract and it's management
- 10 Diabetic Retinopathy

SHORT ANSWERS

20 x3=60

- 11 Epiphora
- 12 Causes of watering of eyes
- 13 Keratoconus
- 14 Pterygium
- 15 What are the investigations done before cataract surgery
- 16 Post operative health education to cataract patients
- 17 Eye health education in preventing common Eye diseases
- 18 Ophthalmic emergencies
- 19 Management of acid burns
- 20 Lacrimal syringing
- 21 Pseudophakia
- 22 Types of cataract surgery
- 23 Causative organism of conjunctivitis
- 24 Clinical signs of acute congestive glaucoma
- 25 Complications of corneal ulcer
- 26 Epilation
- 27 Treatment of chalazion
- 28 Methods of removing corneal foreign body
- 29 What is mature and hyper matured cataract?
- 30 External and internal hordeolum

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SUPPLEMENTARY EXAMINATION, JULY 2021

II YEAR DIPLOMA IN OPHTHALMIC TECHNOLOGY (DOT)

TIME: 3 Hrs

(RS -2 SCHEME)

MAX. MARKS: 100

QP CODE: 5163, OPHTHALMOLOGY, PAPER-II

(WRITE IN GREEN ANSWER BOOK)

**SHORT NOTES: ANSWER ANY EIGHT**

8x5=40

- 1 Define cataract .what are the causes for cataract?
- 2 Define squint. What are the types of squint?
- 3 Name 5 ocular emergencies and how do you refer them to a tertiary eye care centre
- 4 What is dacryocystitis ?how do you treat chronic dacryocystitis?
- 5 What is acute glaucoma? How will you treat it?
- 6 First aid management of chemical injuries
- 7 What is biometry? Mention the components of biometry and its use
- 8 Write a note on lacrimal syringing and its interpretation
- 9 Ophthalmia Neonatorum
- 10 What is amblyopia? Mention about its treatment?

**SHORT ANSWERS**

20 x3=60

- 11 Chalazion
- 12 Classification of Diabetic Retinopathy
- 13 Causes for Orbital cellulitis
- 14 Describe method to apply Eye shield
- 15 Three causes for sudden loss of vision
- 16 Types of allergic conjunctivities
- 17 Postoperative care after cataract surgery
- 18 Prophylaxis of vitamin A
- 19 Name any 3 tonometers
- 20 Three causes for preventive blindness
- 21 Three complications of cataract surgery
- 22 How do you check for visual fields
- 23 Cover test and its uses
- 24 Types of glaucoma
- 25 Name any 3 lid infections
- 26 Name 3 diagnostics in glaucoma
- 27 Three complications of hypermature cataract
- 28 Stages of binocular single vision
- 29 Name 3 ocular surgeries you know
- 30 Types of corneal ulcers

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ANNUAL EXAMINATION, NOVEMBER 2021

II YEAR DIPLOMA IN OPHTHALMIC TECHNOLOGY (DOT)

TIME: 3 Hrs

(RS -2 SCHEME)

MAX. MARKS: 100

QP CODE: 5163, OPHTHALMOLOGY, PAPER-II

(WRITE IN GREEN ANSWER BOOK)

**SHORT NOTES: ANSWER ANY EIGHT**

8x5=40

- 1 Define Cataract and types of Cataract
- 2 Lacrimal sac syringing method and its interpretation
- 3 Prevention and management of Vitamin A deficiency
- 4 Stages of Hypertensive Retinopathy
- 5 Management of Chemical injury
- 6 Define glaucoma and Types of Glaucoma
- 7 Assessment of Binocular Vision
- 8 Define corneal ulcer. Write about management of Corneal Ulcer
- 9 Define conjunctivitis and Types of Conjunctivitis
- 10 Causes of sudden loss of vision

**SHORT ANSWERS**

20 x3=60

- 11 Postoperative care after cataract Surgery
- 12 Describe various methods to measure IOP
- 13 Vitamin A deficiency Eye symptoms and signs
- 14 Types of Squint
- 15 Describe procedure to remove corneal foreign bodies
- 16 Chalazion
- 17 Causes for Orbital cellulitis
- 18 Complications of Cataract surgery
- 19 Three methods to prevent blindness due to Diabetic Retinopathy
- 20 A-Scan Biometry
- 21 How visual fields testing is performed
- 22 What is blepharitis and mention its types
- 23 Describe differences between Acute and Chronic dacryocystitis
- 24 Describe 3 common lid infections
- 25 Types of Cataract Surgery
- 26 Complications of Corneal Ulcer
- 27 Prevention of spread of Conjunctivitis
- 28 Stages of binocular single vision
- 29 Treatment of diabetic Retinopathy
- 30 Describe method to apply Eye shield

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