

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

QUALIFYING EXAMINATION FOR SELECTION OF CANDIDATES FOR
IN-SERVICE TRAINING PROGRAMME IN OPHTHALMOLOGY
APRIL , 1995

Date: 6th April 1995

Time: 2.00 p.m.- 3.00 p.m.

Answer all questions.

1. Discuss the differential diagnosis and management of ocular pain.

2. How will naked eye examinations of the eye help in the diagnosis of systemic disease?

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MARCH , 1996

Date: 11th March 1996

Time: 2.00 p.m. - 3.00 p.m.

Answer all questions.

1. Discuss the ocular causes of blindness
2. Write notes on the following
 - (a) Investigation of Postoperative Wound infection within first 24 hours after general surgery.
 - (b) Haemeostasis in surgical wounds

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FEBRUARY , 1997

Date: 11th February 1997

Time: 2.00 p.m.- 3.00 p.m.

Answer all questions.

Answer the two questions in separate books.

1. Discuss the differential diagnosis of an acute red eye. What are the clinical signs found in these conditions.
2. Describe briefly the ocular signs in systemic disease.

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DECEMBER, 1997

Date: 1st December 1997

Time: 2.00 p.m.-3.00 p.m.

Answer all questions.

Answer the two questions in separate books.

1. What investigations would you do in a patient who is admitted to undergo surgery under general anesthesia?
Discuss the significance of these investigations.

2. A patient is brought to the Accident & Emergency Department with a history of road traffic accident.
What injuries would you expect to find in and around the eye.
What are the first aid measures you adopt in this patient?

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DECEMBER , 1999

Date: 8th December 1999

Time: 2.00 p.m. - 3.00 p.m.

Answer all questions.

Answer the two questions in separate books.

1. Describe the ophthalmological complications that occur in
 - 1.1 Diabetes mellitus
 - 1.2. Thyroid disease

2. Write a brief account on,
 - 2.1. Sterilization in surgical practice
 - 2.2. Adverse effects of anesthesia

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FEBRUARY , 2001

Date: 22nd February, 2001

Time: 9.30 a.m.- 10.30 a.m.

Answer all questions.

Answer the two questions in separate books.

1. Discuss the significance of pre-operative assessment of a patient awaiting surgery under General Anaesthesia.

2.
 - i. Mention four systemic diseases which can lead to blindness.
 - ii. Describe fundus appearance in one of those.
 - iii. What advice do you give the patient to prevent blindness in the disease you mention in (ii).

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MARCH , 2002

Date :- 25th March, 2002

Time :- 9.30 a.m. - 10.30 a.m.

Answer all questions.

Answer the two questions in separate books.

1.
 - 1.1. Draw a cross section of the eye ball and label it (30 marks)
 - 1.2. Discuss the causes of cataract (40 marks)
 - 1.3. Write a note on chronic open angle glaucoma (30 marks)

2. List common causes of sudden loss of vision. How does the cardiovascular examination help in evaluating such a patient ? (100 marks)

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APRIL , 2003

Date :-7th April, 2003

Time :- 9.30 a.m. - 10.30 a.m.

Answer all questions.

Answer the two questions in separate books.

Each question 1/2 hour.

1. Discuss how you would follow up a patient with diabetes in a
 - (a) Medical Clinic (60 marks)
 - (b) Eye clinic (40 marks)

Describe briefly the importance of such follow up.

2. Write short notes on,
 - 2.1. Surgical treatment for cataract (30 marks)
 - 2.2. Angle closure glaucoma (30 marks)
 - 2.3. Causes for painless sudden loss of vision in one eye (40 marks)

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MAY , 2005

Date : 3rd May, 2005

Time : 9.30 a.m.- 10.30 a.m.

Answer all questions.

Each Question $\frac{1}{2}$ hour.

Answer each question in a separate book.

1. Write short notes on,
 - a) Red Eye
 - b) Dimness of vision
 - c) Blindness in Sri Lanka.

2.
 - a) How can uncontrolled systemic hypertension affects the eye.
 - b) What information would you be able to obtain by examining the fundus in a hypertensive patient.
 - c) What advise would you give a patient with hypertension who is being followed up at the medical clinic.

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MAY , 2006

Date : 3rd May, 2006

Time : 9.30 a.m.-10.30 a.m.

Answer all questions. Each question 15 minutes.

1. Write briefly on ocular features you may see in thyrotoxicosis.
2. Write briefly on ocular complications of diabetes mellitus.
3. A patient comes to you with a history of direct trauma to face. How do you manage this case in a district hospital ?
4. Rationale of using following drug combination.
 - a) Adrenaline and lignocaine in local anaesthesia.
 - b) Thiazide and spiranolactone in treatment of hypertension.

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MAY 2007

Date : 9th May 2007

Time : 9.00 a.m. -10.00 a.m.

Answer all questions.

Answer each question in a separate book.

Each question 30 minutes.

1. Discuss the importance of pupillary reaction to light in a patient who presents
 - 1.1. unconscious with no history available.
 - 1.2. with sudden loss of vision in one eye
 - 1.3. with third nerve palsy

2. Discuss how pigmentation in the eye is helpful in making a systemic diagnosis.

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MAY 2008

Date : 6th May 2008

Time : 9.15 a.m. - 10.15 a.m.

Answer all questions.

Answer each question in a separate book.

Each question 30 minutes.

1. How do you investigate a patient aged 20 years presenting with headache.

2.
 - 2.1. What are the common causes of red eye seen in out patient department.

 - 2.2. How do you differentiate redness due to conjunctivitis from that of intraocular inflammation.

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MAY 2009

Date : 5th May 2009

Time : 9.00 a.m. - 10.00 a.m.

Answer all questions.

Answer each question in a separate book.

Each question 30 minutes.

1.
 - 1.1. What are the common causes of blindness in Sri Lanka ?
(30 marks)
 - 1.2.
 - 1.2.1. How do you differentiate primary open angle glaucoma from acute angle closure glaucoma according to the history and examination ?
(60 marks)
 - 1.2.2. Add a brief note on the management of a patient with acute Angle closure glaucoma who has got admitted to a medical ward.
(10 marks)
2. Describe the ocular side effects of systemic drugs. (100 marks)

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MAY 2011

Date :- 6th May 2011

Time : 9.00 a.m.-10.00 a.m.

Answer all questions.

Answer each question in a separate book.

Each question 30 minutes.

1. A 25 year old male presented to the Accident and Emergency Department with a history of road traffic accident.
 - 1.1. How do you manage this patient on admission ? (30 marks)
 - 1.2. What are the possible injuries in and around the eye ? (40 marks)
 - 1.3. Write a brief account on prevention of ocular injuries. (30 marks)

2.
 - A.
 - 2.1. Describe the tumours arising from the pituitary gland.(25 marks)
 - 2.2. What are their ocular manifestations ? (20 marks)
 - 2.3. What are the investigations you would do on a patient with pituitary tumour ? (30 marks)

 - B.
 - 2.4. What are the drugs used in Rheumatology on a long term basis that need regular ophthalmic assessment ? (10 marks)
 - 2.5. What are the ocular side effects of these drugs ? (15 marks)

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MAY 2012

Date :- 3rd May 2012

Time : 9.00 a.m.-10.00 a.m.

Answer all questions.

Answer each question in a separate book.

Each question 30 minutes.

1. A 17 year old boy is admitted to Accident & Emergency ward with a history of being hit on the left eye with a cricket ball while playing.
 - 1.1. List the type of eye injuries you may expect on this boy. (15 marks)
 - 1.2. Describe briefly how you would assess this patient. (20 marks)
 - 1.3. Describe the principles of management of this patient. (15 marks)

2. A 45 year old diabetic and hypertensive patient presented to the medical clinic.
 - 2.1. What advice would you give to minimize the complications that could occur in this patient. (25 marks)
 - 2.2. Indicate relevant points in the management. (25 marks)