

Madhya Pradesh Medical Science University, Jabalpur
Post Graduate Degree Examination (Medical Faculty) July-2020

Paper Code – 20AM0126100411

Subject – Ophthalmology

Paper - I

Time : 3 Hours

Maximum Marks : 100

Instructions:

- 1) Draw diagrams wherever necessary.
- 2) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 3) Do not write anything on the blank portion of the question paper-such type of act will be considered as an attempt to resort to unfair means.

1. Long Answer Question (Any Two)

2 X 20 = 40

- a. Discuss Development and anatomy of retina. Add a note of function of RPE.
- b. Describe various factors responsible for transparency of cornea
- c. Draw diagrams of Pupillary pathways for light and near reflex. Discuss their applied importance.

2. Write in Brief (Any Six)

6 X 10 = 60

- a. Anti VEGF drugs
- b. Optics of Multi Focal IOLs
- c. Low vision aids
- d. Histopathology of retinoblastoma
- e. Physiology of Tear Film
- f. Orbital Apex Syndrome
- g. Anatomy of Angle of Anterior chamber
- h. Synaptophore

Madhya Pradesh Medical Science University, Jabalpur
Post Graduate Diploma Examination (Medical Faculty) July-2020

Paper Code – 20AM0225100411

Subject - DOMS

Paper - I

Time : 3 Hours

Maximum Marks : 100

Instructions:

- 1) Draw diagrams wherever necessary.
- 2) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 3) Do not write anything on the blank portion of the question paper- such type of act will be considered as an attempt to resort to unfair means.

1. Long Answer Question (Any Two)

2 X 20 = 40

- a. Describe in detail development of crystalline lens.
- b. Describe in detail factors responsible for transparency of Cornea.
- c. Describe in detail Optical aberrations of the normal eye.

2. Write in Brief (Any Six)

6 X 10 = 60

- a. Superior Orbital fissure
- b. Surgical limbus
- c. Gram's Staining
- d. Uses of Prism in Ophthalmology
- e. Travoprost
- f. Refractive surgery for Presbyopia
- g. Aqueous humour dynamics
- h. Lattice degeneration

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Madhya Pradesh Medical Science University, Jabalpur
Post Graduate Degree Examination (Medical Faculty) July-2020

Paper Code – 20AM0126100412

Subject – Ophthalmology

Paper - II

Time : 3 Hours

Maximum Marks : 100

Instructions:

- 1) Draw diagrams wherever necessary.
- 2) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 3) Do not write anything on the blank portion of the question paper-such type of act will be considered as an attempt to resort to unfair means.

1. Long Answer Question (Any Two)

2 X 20 = 40

- a. Describe in detail etiopathogenesis classification, clinical features and management of Uveitis.
- b. Describe various types of Refractive Corneal Surgeries
- c. Describe various modalities of Pars Plana Vitrectomy.

2. Write in Brief (Any Six)

6X 10 = 60

- a. Endo Laser DCR
- b. Treatment of Dry Eye
- c. Blow out fracture
- d. Immuno Modulators in Ophthalmology
- e. Treatment of Diabetic CSME
- f. Intravenous pulse steroid therapy
- g. Double elevator palsy
- h. CNVM

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Madhya Pradesh Medical Science University, Jabalpur
Post Graduate Diploma Examination (Medical Faculty) July-2020

Paper Code – 20AM0225100412

Subject - Ophthalmology (DOMS)

Paper - II

Time : 3 Hours

Maximum Marks : 100

Instructions:

- 1) Draw diagrams wherever necessary.
- 2) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 3) Do not write anything on the blank portion of the question paper-such type of act will be considered as an attempt to resort to unfair means.

1. Long Answer Question (Any Two)

2 X 20 = 40

- a. Discuss the causes & investigations of a case of Epiphora. Add a note on DCR.
- b. Discuss the management of small pupil during cataract surgery.
- c. Discuss Femto Second Laser in detail.

2. Write in Brief (Any Six)

6X 10 = 60

- a. Glaucoma Shunt Devices
- b. Anti-VEGF
- c. Lasers in Ophthalmology
- d. Kaposi sarcoma
- e. Treatment of Tractional Retinal Detachment
- f. AC/A ratio
- g. Siderosis bulbi
- h. Stargardt disease

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Madhya Pradesh Medical Science University, Jabalpur
Post Graduate Degree Examination (Medical Faculty) July-2020

Paper Code – 20AM0126100413

Subject – Ophthalmology

Paper - III

Time : 3 Hours

Maximum Marks : 100

Instructions:

- 1) Draw diagrams wherever necessary.
- 2) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 3) Do not write anything on the blank portion of the question paper-such type of act will be considered as an attempt to resort to unfair means.

1. Long Answer Question (Any Two)

2 X 20 = 40

- a. Discuss etiology, Clinical Manifestation and treatment of Grave's disease.
- b. Discuss Diabetic Retinopathy in detail.
- c. Discuss various causes of total ophthalmoplegia, clinical pictures and evaluation of a case of ophthalmoplegia.

2. Write in Brief (Any Six)

6 X 10 = 60

- a. Presumed ocular Histoplasmosis syndrome (POHS)
- b. Band Shaped keratopathy
- c. Ocular Rosacea
- d. Retinoschisis
- e. Ocular signs of Parietal lobe tumours
- f. Systemic causes of bilateral Retrobulbar Neuritis
- g. Ocular manifestations of AIDS
- h. Carbonic Anhydrase Inhibitors

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Madhya Pradesh Medical Science University, Jabalpur
Post Graduate Diploma Examination (Medical Faculty) July-2020

Paper Code – 20AM0225100413

Subject - Ophthalmology (DOMS)

Paper - III

Time : 3 Hours

Maximum Marks : 100

Instructions:

- 1) Draw diagrams wherever necessary.
- 2) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 3) Do not write anything on the blank portion of the question paper-such type of act will be considered as an attempt to resort to unfair means.

1. Long Answer Question (Any Two)

2 X 20 = 40

- a. Discuss 3rd Cranial Nerve Palsy in detail.
- b. Discuss Thyroid Ophthalmopathy in detail.
- c. Describe in detail types, clinical features and management of metabolic cataract.

2. Write in Brief (Any Six)

6 X 10 = 60

- a. Immuno Modulators in Ophthalmology
- b. Hypertensive Retinopathy
- c. Systemic causes of Temporal Arteritis
- d. Recent Glaucoma Surgeries
- e. OCT in Ophthalmology
- f. Phakic IOL
- g. One and half gaze palsy
- h. Acute retinal necrosis

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Madhya Pradesh Medical Science University, Jabalpur
Post Graduate Degree Examination (Medical Faculty) July-2020

Paper Code - 20AM0126100414

Subject - Ophthalmology

Paper - IV

Time : 3 Hours

Maximum Marks : 100

Instructions:

- 1) Draw diagrams wherever necessary.
- 2) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 3) Do not write anything on the blank portion of the question paper-such type of act will be considered as an attempt to resort to unfair means.

1. Long Answer Question (Any Two)

2 X 20 = 40

- a. Discuss Recent Surgical Modalities of treatment of Neo-Vascular Glaucoma.
- b. Discuss uses of Femtosecond Laser in detail.
- c. Discuss Anti VEGF in detail.

2. Write in Brief (Any Six)

6 X 10 = 60

- a. AION
- b. Intravitreal Dexamethasone Implants
- c. Surgical treatment of Presbyopia
- d. Latest treatment of Retinoblastoma
- e. DSAEK
- f. Optics of Multifocal IOLs
- g. UBM
- h. BIOM

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