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FOR AP CLASS 11 EXAM PREPARATION

AP Class 11 2027 Model Paper · Opthalmic Technican

EXAM	YEAR	TYPE	SUBJECT
AP Class 11	2027	Model Paper	Opthalmic Technician

MODEL QUESTIONS PAPER
OPTHALMIC TECHNOLOGY

ANATOMY, PHYSIOLOGY & PHARMACOLOGY

1st YEAR PAPER – I

Time: 3 Hours **Max. Marks: 50**

Section – A

Note: (i) Answer All the Questions
(ii) Each question Carries 2 marks **10 x 2 = 20m**

1. Write about anatomy of the Cornea.
2. Give the anatomy of lens.
3. Draw the lacrimal apparatus.
4. Write the Physiology of colour vision.
5. What is Accommodation?
6. What are the commonly used antibiotics of Ophthalmology?
7. What is the methodology of application of medication in the eye.
8. What is Antiseptic and examples?
9. Give the importance of urine examination.
10. What is inflammation?

Section – B

Note: (i) Answer 5 Questions
(ii) Each Question carries 6 marks **5 x 6 = 30m**

1. Write about anatomy of iris, cilliany body & choroids, with diagrams.
2. Write about orbit and it relations.
3. Write about Pupillary reflexes.
4. Write about aqueous dynamics.
5. Write about visual fields.
6. Aseptic techniques.
7. Write about Hypertension and Diabetes.
8. Write about Anatomy of Eye ball?

MODEL QUESTIONS PAPER
OPTHALMIC TECHNOLOGY

PHYSICAL & PHYSIOLOGICAL ASPECTS OF SPECTACLES

1st YEAR PAPER – II

Time: 3 Hours **Max.Marks: 50**

Section – A

Note: i. Answer All the Questions

ii. Each question Carries 2 marks **10 x 2 = 20m**

1. Write about principles of Refraction
2. Comment of Eye as refractive apparatus
3. What is Myopia?
4. What is Hypermetropia?
5. What is Psedophakia?
6. Write about ophthalmic glasses.
7. Write about Astigmatic lenses.
8. What are the optical aberrations?
9. What is presbyopia?
10. What is prismatic effect?

Section – B

Note: i. Answer 5 Questions

ii. Each Question carries 6 marks **5 x 6 = 30m**

1. Write about principles and practice of Retinoscopy
2. Management of Myopia.
3. Write about Hypemetropia and its correction.
4. How do you prescribe glasses?
5. Write about low Visual Aid.
6. Write about Prisms and its uses.
7. Write about contact lenses.
8. Write about Intra ocular lens?

MODEL QUESTION PAPER
OPTHALMIC TECHNOLOGY

COMMUNITY OPTHAMOLOGY AND HEALTH EDUCATION

1st YEAR PAPER – III

Time: 3 Hours **Max. Marks: 50**

Section – A

Note: i. Answer All the Questions
ii. Each question Carries 2 marks **10 x 2 = 20m**

1. What is conjunctivitis?
2. What is Cataract?
3. Signs of vitamin A deficiency.
4. Mention important refractive errors.
5. What is incidence of disease?
6. What are epidemics? / What is presbyopia? What are the causes of blindness in India?
7. What are the reading problems in Children?
8. What are the specific measures to prevent injuries?
9. What is blindness?

Section – B

Note: i. Answer 5 Questions
ii.Each Question carries 6 marks **5 x 6 = 30m**

1. What is Glacoma & Write about symptoms & signs & management?
2. Write about Eye donation.
3. Screaning and survey of the school children.
4. How do you conduct Eye Camps in Rural area?
5. What are the Governmental & Non-Governmental agencies serving in the field of Optholmology?
6. What are the Eye diseases due to nutritional disorders?
7. Write about Examination of Eye.
8. Write in brief about Trachoma?