

TELANGANA STATE PARAMEDICAL BOARD, HYDERABAD

COMBINED PARAMEDICAL (REGULAR/SUPPLEMENTARY) EXAMINATIONS,
NOVEMBER, 2022

Diploma in Medical Lab Technician Course (DMLT)

PAPER II ; Microbiology, Parasitology & Microbes

Date - 11-11-2022

Time: 10: am to 1: pm (3hrs)

Total Marks: 80

Answer any TEN Questions only

All Questions carry equal marks

1. Write in detail about collection and processing of urine sample from a patient suffering with urinary tract infection.
2. Classify hypersensitivity write in detail about type I hypersensitivity.
3. Define sterilization write in detail about autoclave.
4. Write about antibiotic sensitivity testing.
5. Life cycle of Hook Worm.
6. Write in detail about Sample collection in fungal infection.
7. Enumerate Antigen antibody reactions and write about VDRL.
8. Laboratory diagnosis of pulmonary tuberculosis.
9. Write about Bacterial cell wall of Gram negative bacteria.
10. Classify culture media? Write short notes on selective media.
11. Laboratory diagnosis of HIV infection.
12. Write about Universal precautions.

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NOVEMBER, 2022

DIPLOMA IN OPHTHALMIC ASSISTANT COURSE

PAPER II: Health Education, Community Ophthalmology, Common Eye Disorders

Date - 11-11-2022

Time: 10: am to 1: pm (3hrs)

Answer any TEN Questions only

Total Marks: 80

All Questions carry equal marks

1. Discuss in detail about glaucoma and its management?
2. Discuss the role of Ophthalmic assistant
3. Discuss about red eye diseases? Write its preventive measures.
4. What is vernal conjunctivitis? Discuss briefly its treatment.
5. Write about school eye screening programme.
6. Write about ocular emergencies and its treatment?
7. What are the stages of diabetic retinopathy & its management?
8. Write about importance of Vitamin A in eye function and explain about manifestation of Vitamin A deficiency.
9. Discuss about a) Blepharitis b) Pterygium
10. What are the signs and symptoms of corneal ulcer and its treatment?
11. Write about cycloplegics and their indications in ophthalmology?
12. Discuss in detail about eye banking.

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DIPLOMA IN OPTOMETRY TECHNICIAN COURSE

PAPER II : Mechanical, Geometrical, Physiological Optics

Date - 11-11-2022

Time: 10: am to 1: pm (3hrs)

Answer any TEN Questions only

Total Marks: 80

All Questions carry equal marks

1. What are the type of aberrations? Explain about a) Spherical aberration b) Chromatic aberration
2. What is the role of optometry technician in school health programme.
3. Discuss about convex lens and draw the diagram of images formed by convex lens.
4. Describe in detail about protective ophthalmic lenses.
5. Briefly explain the principle of a) Refraction b) Reflection?
6. What are the different types of neutralization methods of ophthalmic lenses?
7. Discuss briefly about types of contact lenses, and its advantages?
8. Explain in detail about optical manufacturing units.
9. What are the different types of bifocal design? Advantages and disadvantages.
10. Explain in detail about different types of low vision aids?
11. Discuss about dark room procedure?
12. How do you manage a case of anisometropia?
