

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination - June/July 2020

Time : 3 Hrs

Max Marks : 100

M.D DERMATOLOGY, VENERELOGY AND LEPROSY

Paper- I QP Code: P3161

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Discuss the classification , pathogenesis and management of chronic leg ulcers
2. Describe the cutaneous innervation and mention the various neurocutaneous syndromes that you know and describe any one in detail
3. What is HLA system? Discuss the role of HLA system in dermatology
4. Describe the differential diagnoses of interface dermatitis
5. a)Describe tzanck test b) Types of multinucleated giant cells with examples c)Applications of tzanck test
6. a) Draw a neat labelled diagram of nail apparatus b) Physiology of nail c) Pathogenesis of nail changes in psoriasis
7. a)Types of photoageing b)Pathophysiology of photoageing c)Clinical features of photoageing
8. Discuss autosomal recessive inheritance with examples
9. a) Classify topical anti fungal drugs b) Discuss the mechanism of action , indications, adverse effects and drug interactions of terbinafine
10. a)Classify wounds with examples b) Describe factors affecting wound healing

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Paper- II QP Code: P3162

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LONG ESSAY

10 X 10 = 100

1. Discuss clinical features, complications and management of measles
2. Discuss clinical features, pathology and management of acral lentiginous melanoma
3. Discuss and differentiate the histopathology of lichen planus and lichenoid eruption
4. Discuss the various cutaneous manifestations of obesity
5. Discuss the mechanism, clinical features and management of radiation dermatitis
6. Discuss clinical features and management of trichotillomania
7. Classify vasculitis and describe the etiology, pathogenesis and management of leukocytoclastic vasculitis
8. Discuss mongolian spots a. Common sites of involvement b. Pathophysiology C. Management
9. Classify eczemas and discuss the current concepts of pathogenesis and management of atopic dermatitis
10. Discuss various types and management of graft versus host disease

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Paper- III QP Code: P3163

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LONG ESSAY

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1. a) Describe a crab louse. b) What are the diseases caused or transmitted by it? c) How do you manage pediculosis pubis and pediculosis of the eyelids? d) How will you manage pediculosis pubis in a pregnant woman? (2+2+4+2)
2. Discuss serological test for syphilis. What are biological false positive and false negative reactions? (6+ 2+ 2)
3. Discuss the differential diagnoses, complications and management of donovanosis (3+4+3)
4. Discuss the epidemiology of genital warts. Describe clinical features and management of genital lesions. (3+ 3+ 4)
5. Summarise the interaction of HIV infection and Sexually transmitted diseases. (10)
6. Explain the principles of diagnosis of HIV in women. Discuss universal precautions in preventing HIV infection. (5+ 5)
7. Discuss In brief: a. Ophthalmic involvement or lepromatous leprosy. b. Renal involvement in leprosy. c. Role of lepromin in leprosy. d. Use of serological tests in leprosy. (3+2+2+3)
8. Define leonine facies. Describe its differential diagnosis. (3+ 7)
9. Discuss the disability care and prevention of nerve damage in leprosy. (10)
10. Plan an approach to a case of balanoposthitis. (10)

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Paper- IV QP Code: P3164

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LONG ESSAY

10 X 10 = 100

1. a) Platelet-rich plasma. b) Permanent fillers. c) Camouflage in vitiligo. (4 + 3 + 3)
2. Define electrosurgery. Discuss the physics and methods of tissue destruction. Describe the different types of electrosurgery. (1+3+6)
3. Discuss the indications, contraindications, procedure and complications of fat transfer. Mention the components of lipo-aspirate. (8+2)
4. Use of the following drugs in dermatology: a) Apremilast. b) Sirolimus. c) Hydroxyl chloroquine. (3+3+4)
5. Various methods used for chemical peeling and its role in melasma. (10)
6. a) Sports dermatology. b) Complications of tattooing. (5+5)
7. Explain the principles of gene therapy. Compare the types of gene therapy. Discuss the applications of gene therapy in skin. (10)
8. a) Newer topical antibiotics. b) Newer topical antifungal agents. c) Newer anti-retroviral drugs. (3 + 3 + 4)
9. Define bio-similars. What are the advantages and disadvantages of bio-similars over biologicals. Describe with an example in dermatology (2+5+3)
10. a) Enumerate dermatological manifestations of protein energy malnutrition. b) Discuss zinc deficiency in dermatology. c) Discuss applications of zinc in dermatology. $\frac{1}{2}(3 + 3 + 4)$