

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination - May 2018

Time : 3 Hrs

Max Marks : 100

M.D DERMATOLOGY, VENERELOGY AND LEPROSY

Paper - I

Paper Code : RS-3401

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. a) What is immunoperoxidase technique? b) What are the advantages of immunoperoxidase technique over immunofluorescence? c) Describe the disadvantages of immunoperoxidase technique
2. a) What is glomus body? b) Mention the sites where they are situated c) Discuss the role of glomus body in thermoregulation
3. Describe the morphology and functions of Langerhans cells
4. a) Define parakeratosis b) Discuss various types of parakeratosis with examples
5. Discuss the causes and management of erythromelalgia
6. a) Define grenz zone b) List the conditions where grenz zone is seen
7. Discuss differential diagnosis of annular lesions
8. Discuss collagen and filaggrin. Enumerate various proteins involved in cornification
9. Discuss the causes and management of calcinosis cutis
10. Discuss innate immunity and skin

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Paper - II

Paper Code : RS-3402

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LONG ESSAY

10 X 10 = 100

1. Discuss mechanism of action , monitoring guidelines of methotrexate,41B

Discuss mechanism of action

2. a)Classify occupational dermatoses b)Discuss the causes, clinical manifestations and treatment of Occupational Leukoderma
3. a)Classify sweat retention syndromes b)Etipathogenesis of Miliaria? c) Clinical features of Hidrocystoma
4. Write the clinical features and treatment of granuloma annulare
5. Discuss the cutaneous manifestations of immunosuppression in organ transplant recipients
6. a)Clinical manifestations of lichen sclerosus in genitalia b) Enumerate thenon infectious conditions which are commonly seen on male genitalia
7. Discuss various types of angiokeratomas. Discuss clinical features and management ofangiokeratoma corporis diffusum
8. Discuss the clinical and histological differences between ephelides and lentigenes
9. Discuss the etiology clinical manifestations management of pyogenic granuloma
10. A Classify sunscreens B What are the characteristics of ideal sunscreen C Define sunprotection factor

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Paper - III

Paper Code : RS-3403

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LONG ESSAY

10 X 10 = 100

1. a) Complications and its management of facial nerve involvement in leprosy. b) Histopathological features of histoid leprosy. (6+4)
2. Evaluate a case of vaginal discharge in a 26 year old sexually active female. (10)
3. Discuss the interaction and management of leprosy in a patient of HIV. (10)
4. Define deformity, handicap and disability. Describe the clinical features of deformities of hand in leprosy. (4+ 6)
5. Draw and label structure of HIV. Explain the natural course and prognosis of HIV infection. (4+ 3+ 3)
6. Discuss psycho-social aspect of leprosy and importance of rehabilitation in leprosy. (5+ 5)
7. a. Discuss various aspects of laboratory diagnosis of HIV infection including pre and post test counseling. b. What is the role of HIV1 RNA testing in HIV management? (7+3)
8. Describe the pathogenesis, clinical features, differential diagnosis, treatment and sequelae of congenital syphilis. (2+ 2+ 2+ 2+ 2)
9. a) 'Point of care' therapy in STIs. b) 'Expedited partner therapy' in STIs. c) 'High risk behavior' in STIs. (3+3+4)
10. a) Various manifestations of secondary syphilis. b) Screening, treatment and follow-up of a patient with secondary syphilis. (5+5)

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Paper - IV

Paper Code : RS-3404

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LONG ESSAY

10 X 10 = 100

1. Describe the principles, mechanism, cryogens used , indications , contraindications of cryosurgery. (2+2+2+2+2)
2. Classify the grading of acne scars. Discuss the management of keloidal and hypertrophic acne scars. (3+7)
3. Define liposuction. Mention the indications and contraindications of liposuction. Summarise the different methods of liposuction. (2+2+6)
4. What are the side effects/ disadvantages of: a) Laser hair removal. b) Chemical peeling in melasma. c) Use of hydroquinone in facial melanoses. (4 + 3 + 3)
5. a) Discuss your approach to a young girl presenting with hirsutism. b) Discuss various therapeutic options available to treat hirsutism. (5 + 5)
6. Classify lupus erythematosus. Discuss the clinical features, investigations and treatment of SLE. (2+3+3+2)
7. a) Janus kinase inhibitors. b) Nanotechnology. (5+5)
8. a) Define the principle of protein therapeutics (biologicals). b) Enumerate various agents as target based groups. c) Discuss role of rituximab in Dermatology. (2 + 4 + 2)
9. a) Aetiopathogenesis of Facial melanosis b) Management of Lichen Planus Pigmentosus. (5 + 5)
10. a) Classify acne scars. b) Enumerate the various procedures employed in treating acne scars. c) Discuss the role of non surgical procedures in treating acne scars. d) Treatment of hypertrophic scar. (2 + 3 + 3 + 2)