

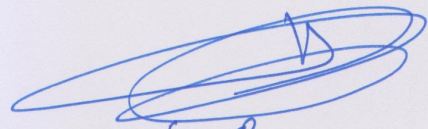
Kurdistan Regional Government
Ministry of Health
Duhok Directorate General of Health
Department of Planning
Division of Planning of Human Resources for Health

Key Answers of Knowledge Competency Test for Acceptance in Senior Residency Program in
Dermatology, August 28, 2016

- | | |
|-------|-------|
| 1) D | 26) C |
| 2) C | 27) D |
| 3) C | 28) B |
| 4) D | 29) D |
| 5) D | 30) B |
| 6) C | 31) A |
| 7) D | 32) E |
| 8) B | 33) B |
| 9) B | 34) B |
| 10) D | 35) C |
| 11) D | 36) B |
| 12) A | 37) D |
| 13) A | 38) D |
| 14) A | 39) C |
| 15) B | 40) A |
| 16) A | 41) A |
| 17) C | 42) B |
| 18) A | 43) B |
| 19) B | 44) B |
| 20) E | 45) E |
| 21) D | 46) A |
| 22) D | 47) A |
| 23) E | 48) D |
| 24) D | 49) E |
| 25) A | 50) B |

صباحة كوردستان (FT)

بسم الله الرحمن الرحيم
في يوم الاثنين ٢٨/٨/٢٠١٦


٨/٢٨



Knowledge Competency Test for Acceptance in Senior Residency Program in Dermatology

Date: August 28, 2016

Exam Time: 90 minutes

General Instructions:

- Select the most appropriate answer for each question.
- Write your full names on all pages.
- All questions need to be answered.
- A wrong answer does not cancel out a correct answer.
- Passing this test is a pre-requisite for entering the second stage of competition of acceptance in senior residency program.

1) All the following are true about psoriasis EXCEPT:

- a) Characterized by well-defined salmon pink plaques with silvery scales.
- b) Its course is usually chronic with remission and exacerbations.
- c) It can affect nails and joints.
- d) It causes scarring alopecia if scalp is affected.

2) In atopic dermatitis:

- a) 90% of cases present before the age of 3 months.
- b) In children it mainly affects the extensor surfaces.
- c) Itching is the cardinal feature of atopic dermatitis.
- d) Two-thirds of patients get remission at the age of 5 year.

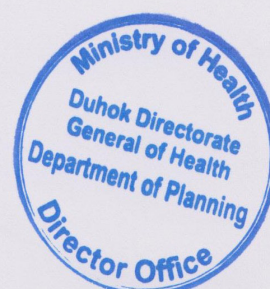
3) Presentation of pemphigus vulgaris:

- a) Characterized by tense deep bullae.
- b) Mouth lesions rarely present.
- c) Nickolsky sign is positive.
- d) The course of disease is 1-2 years even without treatment.

4) In treatment of acne all of the following are true EXCEPT:

- a) We can use retinoids as topical treatment.
- b) Tetracycline should not be used under the age of 12 years.
- c) Combination of topical antibiotics and topical retinoids can be used.
- d) Systemic isotretinoin is category C in pregnancy.

- 5) **Impetigo can be presented in all of the following EXCEPT:**
- a) Thin wall blister that rupture with exudates and crusts.
 - b) Lesions are often multiple.
 - c) Streptococcal impetigo can trigger glomerulonephritis.
 - d) It's unlikely to spread in family or classmates.
- 6) **All of the following is true about herpes simplex EXCEPT:**
- a) Herpes virus type II usually cause genital lesions.
 - b) Type I virus usually cause extra genital lesions.
 - c) Recurrent infection attacks rarely occur.
 - d) Acyclovir topical cream can be used in first 4 days.
- 7) **Common warts can be treated by:**
- a) Salicylic acid 12-20 %
 - b) Cryotherapy
 - c) Electro surgery
 - d) All of the above
- 8) **All of the following bout chicken pox is false EXCEPT:**
- a) The only way virus spread is by direct contact with affected skin.
 - b) Herpes zoster is the reactivation of dormant virus in nerve roots.
 - c) All patients should take antiviral treatment.
 - d) Second attack is common.
- 9) **Systemic antifungal must be given in:**
- a) Tinea versicolour
 - b) Nail and scalp infection
 - c) Tinea pedis
 - d) Tinea cruris
- 10) **In oral candidiasis all of the following are true EXCEPT:**
- a) One or more adherent white plaques appear on the mucous membrane.
 - b) If weaped off they leave an errythematos base.
 - c) Angular stomatitis in denture wearer may be candidal.
 - d) Terbinafen is the treatment of choice.
- 11) **All of the following about head lice is true EXCEPT:**
- a) Spread is achieved by head to head contact.
 - b) Itching is the main symptom.
 - c) Diagnosis is clinical.
 - d) Re infestation is unusual.



12) Best topical treatment of scabies for pregnant ladies is:

- a) Permethrin
- b) Benzyle benzoate
- c) Sulfur preparations
- d) Ivermectin

13) Best treatment of acne in pregnant women:

- a) Azelaic acid
- b) Isotretinoin topical
- c) Tetracycline oral
- d) Isotretinoin oral

14) The wave length of UVA is range from – to:

- a) 315-400 nm
- b) 100-280 nm
- c) 280-315 nm
- d) 400-1200 nm

15) Which of the following is true regarding Merkel cells?

- a) No desmosomes
- b) Dendritic
- c) Basal location
- d) Contain melanosomes

16) Which of the following Fitzpatrick skin types always burns and never tans?

- a) Type 1
- b) Type 2
- c) Type 5
- d) Type 6
- e) Type 3

17) All of the following are true regarding the Dermis layer of the skin EXCEPT:

- a) It contains the skin appendages.
- b) It is composed mainly of collagen, elastin and hyaluronic acid.
- c) The main cells are Langerhans, melanocytes and merkel cells.
- d) Makes up to 15% of the human body weight.
- e) It's thicker than the epidermis layer.



18) All of the following are secondary lesions EXCEPT:

- a) Wheals
- b) Lichenification
- c) Excoriation
- d) Scar
- e) Crust

19) A 30 year old female with a 10 year history of vitiligo involving more than 90% of her body surface, what is the best treatment option for this lady?

- a) Systemic Corticosteroid
- b) Mono benzyl ether of hydroquinone (20%) cream
- c) Azathioprine
- d) Methotrexate
- e) Narrow band ultra violet photo therapy

20) What subtype of vitiligo has the best prognosis?

- a) Acro-facial
- b) Universtal
- c) Vulgaris
- d) Segmental
- e) Focal

21) Which of the following types of Melanocytic Melanoma carries the worst prognosis?

- a) Amelanotic Melanoma
- b) Acral lentiginous
- c) Superficial spreading
- d) Nodular
- e) Lentigo Maligna

22) All of the following are part of the American ABC's of Melanoma system EXCEPT:

- a) Asymmetry
- b) Boarder
- c) Colour
- d) Depth
- e) Evolution

23) All of the following are part of the pilo-sebaceous unit EXCEPT:

- a) Arrector pili muscle
- b) Hair matrix
- c) Sebaceous gland
- d) Hair bulb
- e) Eccrine gland



24) Which of the following is a scarring alopecia?

- a) Androgenetic alopecia
- b) Trichotillomania
- c) Telogen effluvium
- d) Lichen planopilaris
- e) Alopecia areata

25) Which of the following does not suggest a bad prognosis for alopecia areata?

- a) Onset after puberty
- b) Association with down syndrome
- c) Ophiasiform alopecia
- d) Wide spread lesions
- e) Association with atopic dermatitis

26) Which of the following is true regarding androgenetic alopecia?

- a) It's a scarring alopecia.
- b) In males It has a late onset and progress slowly.
- c) Terminal hair is mainly replaced by vellus hair.
- d) It's an auto immune disease .
- e) Females has an earlier onset of the disease and it mainly involve the temples.

27) Which of the following is false regarding atopic dermatitis?

- a) Calcineurin inhibitor cream are one of the essential treatment options for atopic dermatitis.
- b) Onset is usually below 2 years of age.
- c) Presence of history of general dry skin.
- d) Childhood stage most commonly involves the cheeks.
- e) It usually resolves by the mid teen years.

28) All of the following are predisposing factor for seborrheic dermatitis EXCEPT:

- a) Parkinson Disease
- b) Xerosis
- c) HIV
- d) Malassezia furfur
- e) Arsenic , Gold and Cimetidine



29) All of following are true regarding the pathogenesis of acne vulgaris EXCEPT:

- a) Dermal inflammation
- b) Colonization of duct with Propionibacterium bacterium ances
- c) Poral occlusion
- d) Increase in the level of androgenetic hormones in blood
- e) Increase sebum secretion rate

30) All of the followings are indications for surgical treatment of vitiligo EXCEPT:

- a) Segmental vitiligo
- b) Age less than 12 years
- c) Stable lesion
- d) No Koebnerization
- e) Skin type 4-6

31) Which of the following is false regarding scalp hair?

- a) Telogen hair club root is pigmented
- b) The duration of catagen phase is 2-3 months
- c) Shedding of 100 hairs a day is considered normal
- d) Telogen phase represent 15% of the scalp hair
- e) Scalp hair shaft grows 0.35mm / day

32) All of the following may increase the incidence of SCC, EXCEPT:

- a) Sun exposure
- b) Immunosuppression
- c) Increasing age
- d) Proximity to the equator
- e) All of the following may increase the incidence of SCC

33) What cancer in women most commonly metastasizes to the skin?

- a) Breast cancer
- b) Medullary thyroid carcinoma
- c) Glioblastoma multiforme
- d) Colon adenocarcinoma
- e) Cervical cancer

34) Which part of the matrix gives rise to the dorsal nail plate?

- a) Distal matrix
- b) Proximal matrix
- c) Ventral matrix
- d) Dorsal matrix
- e) Lateral matrix



35) A patient with diffuse severe sudden hair loss developing 3 months after hospitalization for septicemia likely has which of the following conditions?

- a) Anagen effluvium
- b) Catagen effluvium
- c) Telogen effluvium
- d) Loose anagen syndrome
- e) Uncombable hair syndrome

36) Which of the following medication is a cause of hirsutism without virilization?

- a) Dapsone
- b) Diazoxide
- c) Diazepam
- d) Dinitrochlorobenzene
- e) Dantrolene

37) The epithelium that lies on the volar surface of the digit is the:

- a) Nail bed
- b) Nail matrix
- c) Nail plate
- d) Hyponychium
- e) Eponychium

38) Acute paronychia is most commonly caused by which of the following organisms?

- a) Candida albicans
- b) Candida tropicalis
- c) Pseudomonas aeruginosa
- d) Staphylococcus aureus
- e) Trichophyton rubrum

39) Which of the following dermatophytes causes endotrix tinea capitis?

- a) Microsporum gypseum
- b) Microsporum audouinii
- c) Trichophyton tonsurans
- d) Microsporum canis
- e) Microsporum ferrugineum

40) Which of the following organisms causes favus?

- a) Trichophyton schoenleinii
- b) Trichophyton mentagrophytes
- c) Microsporum canis
- d) Trichophyton rubrum
- e) Microsporum distortum



41) Measles is caused by which type of virus?

- a) Paramyxovirus
- b) Togavirus
- c) Picornavirus
- d) Rhabdovirus
- e) Parvovirus

42) What is the most common single nerve involved with herpes zoster?

- a) Facial nerve
- b) Trigeminal nerve
- c) Spinal nerve C7
- d) Spinal nerve T4
- e) Spinal nerve T10

43) What is the treatment of syphilis in a penicillin allergic patient?

- a) Penicillin
- b) Doxycycline
- c) Rifampin
- d) Clindamycin
- e) Ceftriaxone

44) Orf virus infection is also known as:

- a) Ecthyma
- b) Ecthyma contagiosum
- c) Ecthyma gangrenosum
- d) Pseudocowpox
- e) Milker's nodule

45) A 2 year-old has a high fever for three days, as the fever breaks, a generalized rash appears on the trunk. The most likely diagnosis is:

- a) Measles
- b) Mumps
- c) Rubella
- d) Erythema infectiosum
- e) Roseola



46) What is the most likely diagnosis is this 16 year old patient who developed generalized eruption 2 weeks after onset of sore throat due to strep infection?

- a) Psoriasis
- b) Pityriasis rosea
- c) Cutaneous T-cell lymphoma
- d) Contact dermatitis
- e) Lichen planus

47) The immunoglobulin most commonly found in mucous secretions is:

- a) IgA
- b) IgD
- c) IgE
- d) IgG
- e) IgM

48) In the epidermis, the cell most responsible for antigen detection and processing is the:

- i) Keratinocytes
- ii) Merkel Cell
- iii) Melanocyte
- iv) Langerhans cell
- v) CD4+ T cell

49) Possible treatments for this patient with vitiligo include all of the following EXCEPT:

- a) Topical steroids
- b) Narrowband UVB
- c) Broadband UVB
- d) Oral PUVA
- e) Acitretin

50) Narrowband UVB bulbs emit predominantly at:

- a) 290-320 nm
- b) 311 nm
- c) 352 nm
- d) 305 nm
- e) 360 nm



