

National Board of Examinations

Question Paper Name :	DNB Dermatology Venereology and Leprosy Paper1
Subject Name :	DNB Dermatology Venereology and Leprosy Paper1
Creation Date :	2022-06-25 17:18:33
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Actual Answer Key :	No

DNB Dermatology Venereology and Leprosy Paper1

Group Number :	1
Group Id :	3271871083
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DNB Dermatology Venereology and Leprosy Paper1

Section Id :	3271871086
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Section Number : 1
Section type : Offline
Mandatory or Optional : Mandatory
Number of Questions to be attempted : 10
Section Marks : 100
Enable Mark as Answered Mark for Review and Clear Response : Yes
Maximum Instruction Time : 0
Sub-Section Number : 1
Sub-Section Id : 3271871090
Question Shuffling Allowed : No

Question Number : 1 Question Id : 3271879882 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. Keratinization in skin:

- a) Structure of keratin. [3]
- b) Function of keratin. [2]
- c) Keratin gene mutation disorders in skin. [5]

Question Number : 2 Question Id : 3271879883 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss skin wound healing:

- a) Epithelialization in skin wound healing. [3]

- b) Angiogenesis in skin wound healing. [3]
- c) Remodeling in skin wound healing and scarring. [4]

Question Number : 3 Question Id : 3271879884 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Monogenic inherited skin diseases:

- a) Patterns of inheritance. [5]
- b) Human Genome Sequencing to study genetic skin diseases. [5]

Question Number : 4 Question Id : 3271879885 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Normal cells of dermis. [4]
- b) Fibers of dermis. [3]
- c) Composition of extracellular matrix of dermis. [3]

Question Number : 5 Question Id : 3271879886 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Stem cell populations in skin and its adnexa:

- a) Hair follicle. [4]
- b) Adipose tissue. [3]
- c) Dermis. [3]

Question Number : 6 Question Id : 3271879887 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Suture materials used in skin surgery. [3]
- b) Skin suturing techniques. [4]
- c) Basic principles of radiofrequency surgery. [3]

Question Number : 7 Question Id : 3271879888 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Transdermal Drug Delivery. [4]
- b) Device-assisted drug delivery. [3]
- c) Topical drug penetration enhancers. [3]

Question Number : 8 Question Id : 3271879889 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Skin-resident immune network:

- a) Dendritic cells. [4]
- b) Mast cells. [3]
- c) Macrophages. [3]

Question Number : 9 Question Id : 3271879890 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Discuss functional, morphological and molecular differences between epidermal and hair follicle melanocytes. [3]
- b) Vaginal microbiome through life. [4]
- c) Patterns of cutaneous mosaicism. [3]

Question Number : 10 Question Id : 3271879891 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Define and name at least two skin conditions for each of the following lesions:

- a) Erosion. [2]
- b) Purpura. [2]
- c) Exfoliation. [2]
- d) Comedo. [2]
- e) Lichenification. [2]