

National Board of Examinations

Question Paper Name :	DNB Physiology Paper4
Subject Name :	DNB Physiology Paper4
Creation Date :	2022-12-26 16:39:24
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Physiology Paper4

Group Number :	1
Group Id :	3271871346
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DNB Physiology Paper4

Section Id :	3271871349
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 : 3271871353

Question Shuffling Allowed : No

Is Section Default? : null

Question Number : 1 Question Id : 32718712512 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

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. Describe the neurophysiological basis of dyslexia and aphasia. [4+6]

Question Number : 2 Question Id : 32718712513 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the effect of fluctuations in protein binding of thyroid hormones on thyroid function in different clinical states. Add a note on thyroid hormone resistance. [7+3]

Question Number : 3 Question Id : 32718712514 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Explain the physiological responses to rotational acceleration. Add a note on Benign paroxysmal positional vertigo. [7+3]

Question Number : 4 Question Id : 32718712515 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the physiological basis of various investigations in haemostatic disorders. [10]

Question Number : 5 Question Id : 32718712516 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the impact of free radicals on human health. [10]

Question Number : 6 Question Id : 32718712517 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the recent advances in management of pain highlighting the role of multimodal pain therapy. [10]

Question Number : 7 Question Id : 32718712518 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the physiological basis of commonly used contraceptive methods in females. [10]

Question Number : 8 Question Id : 32718712519 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the various breath analysis techniques and their uses. [10]

Question Number : 9 Question Id : 32718712520 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the effects of sleep deprivation. How are sleep parameters recorded in a sleep lab? [6+4]

Question Number : 10 Question Id : 32718712521 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the cardiovascular changes that are induced by Hypothermia and hyperthermia. [5+5]