

National Board of Examinations

Question Paper Name : DNB Anatomy Paper2
Subject Name : DNB Anatomy Paper2
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718732824 Consider As Subjective : Yes

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 corpus striatum under the following headings:

- Parts, relations and connections. [8]
- Applied anatomy. [2]

Question Number : 2 Question Id : 32718732825 Consider As Subjective : Yes

- Hippocampus. [5]
- Functional components of vagus nerve. [5]

Question Number : 3 Question Id : 32718732826 Consider As Subjective : Yes

Describe the hypothalamus under the following headings:

- Boundaries. [2.5]
- Various nuclei with connections. [2.5]
- Functions. [2.5]
- Clinical aspects. [2.5]

Question Number : 4 Question Id : 32718732827 Consider As Subjective : Yes

- Neural circuitry of the cerebellum. [5]
- Differences between sympathetic and parasympathetic nervous system. [5]

Question Number : 5 Question Id : 32718732828 Consider As Subjective : Yes

- a) Cross-section of medulla oblongata at level of sensory decussation. [5]
- b) Different functional areas and their arterial supply on the superolateral surface of cerebrum. [5]

Question Number : 6 Question Id : 32718732829 Consider As Subjective : Yes

Describe synapse under the following headings:

- a) Structure. [2.5]
- b) Different types. [2.5]
- c) Neurotransmitters. [2.5]
- d) Clinical significance. [2.5]

Question Number : 7 Question Id : 32718732830 Consider As Subjective : Yes

Describe the structural chromosomal aberrations in detail. [10]

Question Number : 8 Question Id : 32718732831 Consider As Subjective : Yes

- a) Cavernous sinus. [5]
- b) Myelination. [5]

Question Number : 9 Question Id : 32718732832 Consider As Subjective : Yes

Describe the different types of Pedigree chart and its importance in genetic counselling. [10]

Question Number : 10 Question Id : 32718732833 Consider As Subjective : Yes

- a) Genomic imprinting. [5]
- b) HOX genes. [5]