

National Board of Examinations

Question Paper Name :	DNB Biochemistry Paper1
Subject Name :	DNB Biochemistry Paper1
Creation Date :	2023-10-15 14:11:56
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Biochemistry Paper1

Group Number :	1
Group Id :	3271872449
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 Biochemistry Paper1

Section Id :	3271872452
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 :	3271872456
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718724723 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. Define isoenzyme. Name the cardiac markers. Write in detail on high sensitivity cardiac troponins. [10]

Question Number : 2 Question Id : 32718724724 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Name and functions of Glycosaminoglycans, and the diseases caused due to altered Glycosaminoglycans. [10]

Question Number : 3 Question Id : 32718724725 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Mechanism of allosteric regulation with an appropriate example. [10]

Question Number : 4 Question Id : 32718724726 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) The reference range and calculation of Z score in lab. [5]

b) Correlation and regression with examples. [5]

Question Number : 5 Question Id : 32718724727 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Name the parameters done in liver functions tests and the significance of LFT in NASH and pregnancy. [10]

Question Number : 6 Question Id : 32718724728 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Peroxisome biogenic diseases and lysosomal targeting disorder. [10]

Question Number : 7 Question Id : 32718724729 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Types and functions of phospholipids. [10]

Question Number : 8 Question Id : 32718724730 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Different types of human protein derived from selenocysteine and how selenocysteine incorporated into proteins. [10]

Question Number : 9 Question Id : 32718724731 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Different types of quality control charts related with clinical laboratory. [10]

Question Number : 10 Question Id : 32718724732 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) ANOVA test. [5]

b) Role of Ethics Committee in Institutional Research. [5]