

VIVEKANANDA COLLEGE
DEPARTMENT OF CHEMISTRY

PRACTICAL EXAM

EXAM MODE- ONLINE

3rd SEMESTER EXAMINATION (D.SC (P))/B.Sc PASS COURSE

DATE-22/02/2021

MAXIMUM MARKS-20

TIME- 2 HOURS

MARKS DISTRIBUTION:

i.	LABORATORY NOTE BOOK	5 Marks
ii.	ON-LINE Questions to be answered (3 questions to be answered out of 5)	15 Marks (3×5=15)
	TOTAL:	20 Marks

INSTRUCTIONS:

- Students are to send the scanned (pdf) copy of their LABORATORY NOTE BOOK.
 - The number of pages for LNB should not be less than 6(six). They should also send their index page.
 - Students must also send their scanned (pdf) copy of their ANSWER SCRIPT with Roll Numbers, Signatures along with the Scanned (pdf) of the LNB to the college mail as well as to annweshadas92@gmail.com.
1. What is the Critical Solution temperature? How is it determined.(1.5+3.5=5 marks)
 2. Describe the nature of the conductometric titration curve, for the the strong acid vs. strong base titration with proper description.(5 marks)
 3. What is chromatography? How is it used in separation of amino acids? (1.5+3.5=5 marks)
 4. What is salivary amylase? What is its function? How temperature affects the action of this on starch. (1+1.5+2.5=5 marks)
 5. What are reducing and non-reducing sugars? How to differentiate between them chemically. (2+3=5 marks)

QUESTIONS MADE BY ANNWESHA DAS

STATE AIDED COLLEGE TEACHER

DEPARTMENT OF CHEMISTRY