

RAMANANDA COLLEGE
BISHNUPUR, BANKURA
DEPARTMENT OF PHYSIOLOGY

B. Sc. 3rd Semester (Hons.) Practical Examination-2021-2022

Course Code: SH/PHY/305/SEC-1 Corse Title: Hematological Techniques Lab.
Paper Code: 32525 F.M: 40 Times: 2 Hours

1. Answer *all* the questions:

a) Write the full form of SGOT and SGPT. Mention the Principle, requirements, procedure and calculation for estimation of serum SGOT by 2, 4-DNPH method. 2+3+4+8+3=20

b) State the principle of photoelectric colorimeter, Write the Procedure, calculation and significance for measurement of hemoglobin by Cyanmethemoglobin method. Illustrate the Beer-Lambert's law.

3+6+3+4+4=20

Instructions:

- a) First Page of the Answer script should contain Name, Semester, Subject, UID, Paper Code, Course Code/ID and Course Title. For details see below. Also a model format is circulated in your respective WhatsApp group.
- b) First write the questions with part marking then write your answer.
- c) Submit answer script to **rnphysiology@gmail.com** as a single PDF file attachment within 22.01.2022 at 4 pm.
- d) Write the name of the PDF file as **YOUR NAME_COURSE CODE_COURSE TITLE_JAN 2022**. Course Title and Course Code is available from question paper.
- e) The Subject of the e-mail will be the same like the name of PDF file i.e., **YOUR NAME_COURSE CODE_COURSE TITLE_JAN 2022**.

Answering format

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UG PRACTICAL EXAMINATION – 2021-2022

Name: _____ Semester: _____
Subject: _____ UID: _____
Course ID: _____ Course Code: _____
Course Title: _____
