

# Continuous Internal Evaluation

Session 2022-2023

Department: Electronic Science

## 1. Class Test (2022-2023)

Department: Electronic Science

Session- 2022-2023

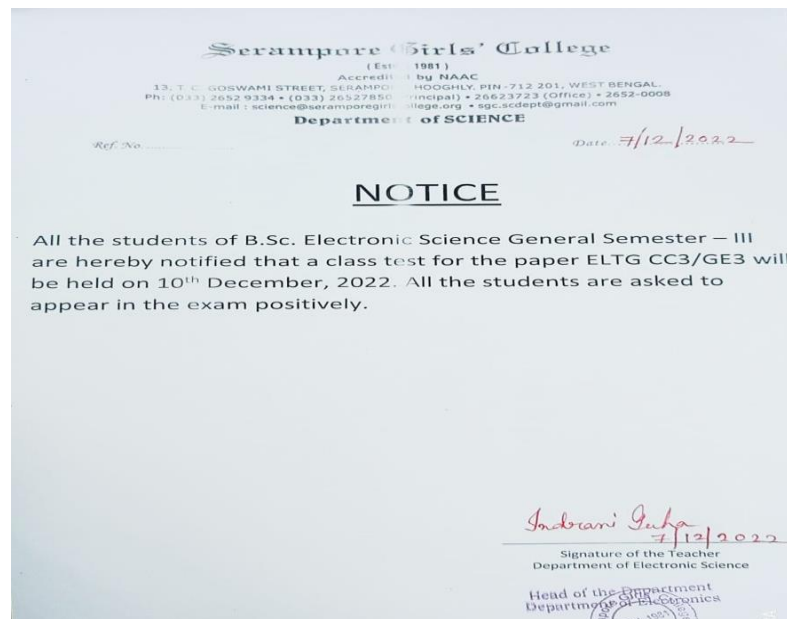
Date of Exam	Semester	Course	Mode (Written/ oral/MCQ) Partly Online
10/12/2022	III	CC3/GE3	Written

Rest are conducted in CIE mode

*Indrani Guha*  
Department of Electronic Science

Sign of HOD and stamp

## ODD SEM Semester III Class Test NOTICE





**Continuous Internal Assessment**  
**Odd Semester**  
**Semester III**  
**Question Paper**

**SERAMAMPORE GIRLS COLLEGE**  
2<sup>nd</sup> Continuous Internal Evaluation (CIE) exam 2022  
Subject : Electronic Science general Semester: 3  
Paper name : Communication Electronics Paper Code :ELTG –CC3/GE3  
Full Marks: 20 Date: 29/11/2022 Time: 12:45-1:45

1. What is an amplitude modulation? Obtain the expression for the voltage of an AM wave in terms of the amplitude and frequency of the modulating signal and the modulation index. Plot the frequency spectrum of the AM wave. 2+2+2
2. What is meant by frequency modulation (FM)? How is it different from amplitude modulation? 2+2
3. Define signal to noise ratio and noise figure. Define the frequency modulation index  $m_f$ . 2+2
4. How FM is detected by a slope detector? + 3
5. Draw the circuit and explain in brief the working of envelope detector. +3

# Result

Serampore Girls' College  
SERAMPORE, HOOGHLY  
B.A.B.Sc. CIE Examination, 20 22  
Subject: ELI.G. I. Sem. 3  
Full Marks: 20  
Paper Name: Communication Electronics

Roll No.	Paper No.	Roll No.	Paper No.	Roll No.	Paper No.
21288	1				
21289	8				
21290	11				
21293	6				
21299	1				
21358	3				

List of

# Analysis of Student's result

2<sup>nd</sup> CIE  
Electronic Science General  
Paper: Communication Electronics Date: 15/12/2022

Sr	Name	Roll	Full marks	Marks Obtained	Attendance %	Slow/advanced learner (students securing less than 50%)
1	Anjali Pal	21288	20	1	40	Slow
2	Dipamita Bhadra	21289	20	11	72	Advance
3	Dipshikha Bhadra	21290	20	6	72	Slow
4	Lipika Majhi	21293	20	4	72	Slow
5	Sanjukta Sardar	21299	20	8	75	Slow
6	Puja Dey	21358	20	3	75	Slow

Indrani Guha  
Teacher's Signature 15/12/2022  
Dept. of Electronics  
Serampore Girls' College

2<sup>nd</sup> CIE Examination  
Semester 3  
Subject: Electronics Science General (Elig) Date: 15/12/2022

List of failed Students

Sr	Name	Roll	Full marks	Marks Obtained	Marks Obtained(%)	Attendance %
1	Anjali Pal	21288	20	1	5	40
2	Lipika Majhi	21293	20	4	20	72
3	Puja Dey	21358	20	3	15	75

Indrani Guha  
Teacher's Signature 15/12/2022

failed Students

Serampore Girls' College  
(Est. 1981)  
Accredited by NAAC  
13, T. C. GOSWAMI STREET, SERAMPORE, HOOGHLY, PIN-712 201, WEST BENGAL.  
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E-mail: science@seramporegirlscollege.org • sgpc.acdept@gmail.com

Department of SCIENCE

Ref. No. \_\_\_\_\_ Date: 17.12.2022

LIST OF NOT ALLOWED  
2022-2023

ROLL NO	NAME	SEM	REASON
SEM 3			
21374	SWETA JADAV	SEM 3	POOR ATTENDANCE & POOR PERFORMANCE IN CIE
21292	RIYA TIWARI	SEM 3	POOR ATTENDANCE AND ABSENT IN CIE 1
SEM 5			
20693	PRITY KUMARI	SEM 5	POOR ATTENDANCE AND ABSENT IN CIE 1

Indrani Guha  
7.12.22  
Sanki 9.12.22

List of not allowed Students

**Even Semester  
Semester IV  
Question Paper**

SERAMPORE GIRLS' COLLEGE  
1<sup>ST</sup> Continuous Internal Evaluation (CIE) Examination 2023

Subject: ELTG  
Microprocessors and Microcontrollers  
Branch: Gen.

Semester: IV  
Paper Code: CC 4/GE 4  
Date and Time: 28/03/2023, 10:30-11:30  
Total Marks: 20

A. Answer any six questions. 2X6=12

1. What are the functions of  $IO/\bar{M}$ .
2. How many flag registers are there? What is the necessity of flag register?
3. What are the maximum address lines required if a memory of 16K byte is connected to microprocessor 8085? Justify your answer.
4. What do you mean by addressing modes of a processor?
5. Define instruction cycle.
6. Why data bus is bidirectional?
7. How does the microprocessor 8085 differentiate between data and instruction?

B. Answer the questions.

1. Why is address bus of 8085 MPU used in multiplexed way? What is the purpose of demultiplexing the bus? 2+2
2. Distinguish between microprocessor and microcontroller. +4



