



TECHNICAL MATHEMATICS PROGRAMME FOR GRADE 12 LEARNERS FROM 31 MARCH TO 17 APRIL 2020

TOPIC: INTEGRATION

MARKS IN EXAMINATION PAPER: WITH DIFFERENTIATION, ABOUT 50 +/- 3 MARKS OF PAPER 1

MAIN RESOURCE(S) SUGGESTED: INTEGRATION CHAPTER 4 MANUAL AND 'YES I CAN' REVISION GUIDE

ADDITIONAL RESOURCES: ANY APPROVED TEXTBOOK AND/ OR STUDY GUIDE

MEDIA:

- SELECTED EC COMMUNITY RADIO STATIONS AT 18H00 FROM 30 MARCH.
- ECDOE WEBSITE.
- DBE WEBSITE.

USE CHAPTER 4 INTEGRATION MANUAL (PAGE 41 TO 78) AS FOLLOWS:

- Read and follow the explanation about the topic/ concept.
- Follow and practice Examples indicated .
- Then do eXERCISES without looking at the solutions first.
- Then check your solutions against solutions provided.
- Then do corrections.
- Double or triple check if you are able to do Activities on your own without looking at the solutions until you master the concept(s).

WEEK 1: 31 MARCH – 3 APRIL 2020	WEEK 2: 6 – 10 APRIL 2020	WEEK 3: 13 – 17 APRIL 2020
Page 1 to page 6 focusing on Indefinite Integrals	Page 6 to page 9 focusing on Definite Integrals	Page 9 to page 19: <ul style="list-style-type: none">• focusing Using integration to find the area included by a curve and the x-axis or by a curve the x-axis and the ordinates $x = a$ and $x = b$, where $a, b \in \mathbb{Z}$.• Summary and Revision

USE THE BOOKLET ('YES I CAN' GUIDE) AND/OR ANY PREVIOUS YEARS' QUESTION PAPERS TO REVISE INTEGRATION. USE ECDOE WEBSITE TO ACCESS PREVIOUS YEARS' QUESTION PAPERS IF YOU DO NOT HAVE HARD COPIES!

REMEMBER, PRACTICE MAKES PERFECT!

SO, PRACTICE, PRACTICE AND PRACTICE!