

**NELSON MANDLA
UNIVERSITY**

NOVEMBER 2019 EXAMINATION

MODULE DESCRIPTION	:	Crystallography & Solid State Physics
MODULE CODE	:	F321/FVV302(a) PAPER 1
FACULTY	:	Science
QUALIFICATION	:	BSc
EXAMINATION DATE	:	5 November 2019
SESSION STARTING TIME	:	09:00
DURATION (IN MINUTES)	:	180 Minutes
TOTAL MARKS	:	100
NUMBER OF PAGES	:	Seven (7) (INCLUDING FIGURES AND ADDENDUM)
NUMBER OF ADDENDUMS	:	1 - Periodic Table
EXAMINER(S)	:	2.1 Prof ME Lee 2.2 Dr G Marx
MODERATOR(S)	:	1. Prof RE Kroon (UFS)
INSTRUCTIONS TO CANDIDATE :		1. Answer Section A and Section B in separate answer books. 2. Answer all the questions 3. Hand in pages 5 and 6 containing figures 1-3 4. Show all your calculations
MATERIALS & VENUE REQUIREMENTS / INSTRUCTIONS TO INVIGILATOR	:	Exam answer book (number) 2 Exam answer book <u>cover only</u> Attendance slip only Multiple choice answer sheet (number) Graph paper (number) Take-off sheet (number) A3 drawing paper (number) Other (Indicate document name) May paper be removed from venue? Yes Seating requirement (Double desks, etc.): NONE Aids & Technical guides allowed (list below): Calculator: Non-programmable

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