UNIVERSITI MALAYSIA PERLIS

OPEN BOOK TEST (ONLINE)
Semester Pertama
Sidang Akademik 2021/2022

Oktober 2021

**NDJ20103 – Digital System ll /
DKT212 – Digital System ll
[Sistem Digit ll]**

Paper 2

Masa   : 45 minit

Please make sure that this question paper has **TWO (2)** printed pages including this front page before you start the examination.
[Sila pastikan kertas soalan ini mengandungi DUA (2) muka surat yang bercetak termasuk muka hadapan sebelum anda memulakan peperiksaan ini.]

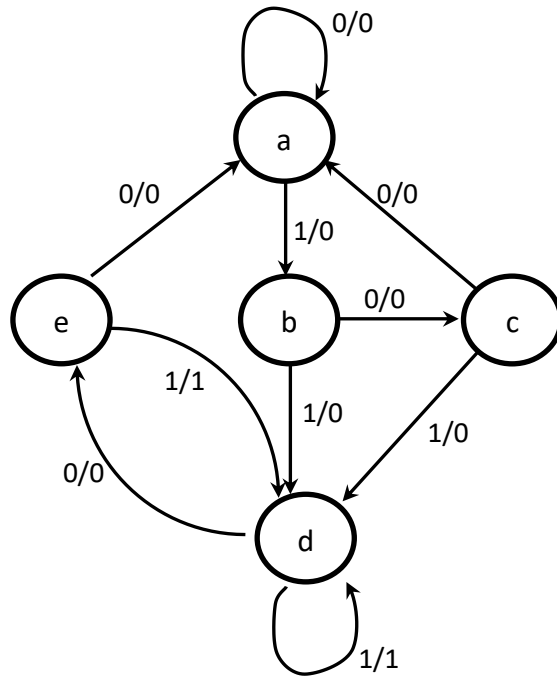This paper has **ONE (1)** question. Answer **ALL** questions**.** (22 Marks)
[Kertas ini mengandungi SATU (1) soalan. Jawab SEMUA soalan. (22 Markah)]

Question 1

Synthesize the sequential diagram below.

(22 marks)

(remarks: by referring your last digit matric id, the odd number will synthesize using SRFF and the even number will synthesize using JKFF)

-oooOoo-