

ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)
ORGANISATION OF ISLAMIC COOPERATION (OIC)
Department of Computer Science and Engineering (CSE)

MID SEMESTER EXAMINATION

SUMMER SEMESTER, 2020-2021

DURATION: 30 mins

FULL MARKS: 15

CSE 4643 & 4675: Mobile Application Development

Programmable calculators are not allowed. Do not write anything on the question paper.

Answer all of the questions.

Marks of each question and corresponding CO and PO are written in brackets.

1. a) What are the types of Mobile Application? Briefly explain which Mobile Application development platform will you choose to develop an application if you desire your application to be fast and responsive? (5)
(CO1)
(PO1, PO3)
- b) An application named 'YX' has defined its minSDK = (your id % 13) + 1, maxSDK = 26 & targetSDK = 26. This app is currently running on your device. (10)
(CO2)
(PO1, PO2)
 - i) If your device running on API 26 receives an OTA update and is updated to API 27 then what changes will occur to the application 'YX'?
 - ii) If the maxSDK is not declared for the application 'YX' then what will happen after the OTA update? Elucidate the cause behind it.
 - iii) As per your minSDK, state which API level will least support your application?