

M. Tech. –I (Computer Engineering) (CBCS – 2015 Course) :

WINTER - 2018

SUBJECT : MOBILE OPERATING SYSTEM

Day : Friday
Date : 07/12/2018

W-2018-3110

Time : 11.00 AM TO 02.00 PM
Max. Marks : 60

N.B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answers to both the sections should be written in **SEPARATE** answer book.
 - 4) Draw neat and labelled diagrams **WHEREVER** necessary.
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SECTION – I

Q.1 What are the performance metrics of MOS? (10)
OR
What do you mean by simulation models? Explain stochastic model.

Q.2 What is difference between contiguous and non-contiguous memory allocation? (10)
OR
Explain different page replacement algorithms.

Q.3 Explain intrusion detection management system with example. (10)
OR
What are different types of authentication? Explain user authentication.

SECTION – II

Q.4 Explain in detail mobile ecosystems and its application framework. (10)
OR
What are the elements of mobile designs? Explain these elements in detail.

Q.5 What are the shell variables in Linux? Explain with examples. (10)
OR
Explain Java and Posix threads?

Q.6 Draw and explain iOS operating system. (10)
OR
Explain windows operating system with respect to MOS.

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