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SEAT NO: _____

No. of Printed Pages: 01

SARDAR PATEL UNIVERSITY
EXAMINATION NOVEMBER 2018
S.Y BBA (ITM) SEM –III (3 Years)

Methods and Practices of Operating System||UM03EBBI07

Date: 30/11/2018, Friday

Marks: 60

Time: 02:00 PM TO 04:00 PM

Notes: Figures to the right hand side of the question indicate their marks:

Q.1[A] What is Operating System? Explain Different types of Operating system. [08]

[B] Describe the Functions of Operating System. [07]

OR

Q.1 Explain the Structure of Operating System. [15]

Q.2[A] What is Process? Explain Process Control Block. [08]

[B] Write a short note on First Come First Serve Scheduling Algorithm. [07]

OR

Q.2[A] Explain Priority Scheduling Algorithm. [08]

[B] Explain Round Robin Scheduling Algorithm with Example. [07]

Q.3[A] Explain FIFO Page Replacement Algorithm. [08]

[B] Write a short note on Demand Paging. [07]

OR

Q.3[A] Write a short note on Swapping. [08]

[B] Explain Virtual Memory System. [07]

Q.4[A] Write a short note on Critical Section Problem. [08]

[B] Explain Resource Allocation Graph. [07]

OR

Q.4 Write a short note on Process Synchronization. [15]