

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.



18EC81

(10 Marks) (10 Marks)

Module-4

- 7 Explain OFDM advantages and disadvantages. a.
 - Explain with neat block diagram flat LTE SAE architecture. b.

OR

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- Explain the differences between OFDM and SCFDE with neat block diagrams. 8 a. (10 Marks)
 - b. Write a note on :
 - i) Frequency synchronization
 - The Peak to Average Ratio (PAR) ii)

(10 Marks)

<u>Module-</u>5

9	a.	Explain with neat block diagram OFDMA downlink transmitter.	(10 Marks)
	b.	Mention SC-FDMA advantages and disadvantages.	(05 Marks)
	c.	Mention OFDMA advantages and disadvantages.	(05 Marks)

OR

Explain LTE end to end network architecture with neat block diagram. 10 a. Explain LTE frame structures. b. (10 Marks)

(10 Marks)

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