



- 7 a. What is meant by self driven minimization of drive test? Mention the key issues and functionalities of MDT idle mode. (07 Marks)  
b. What is an critical extension in RRC extension mechanism. (07 Marks)  
c. Explain about the ANSI.1 types and construct. (06 Marks)
- 8 a. Illustrate about selection and reselection process in the idle mode mobility. (08 Marks)  
b. With a block diagram, explain the signaling procedure during intra-frequency handover. (08 Marks)  
c. Differentiate between E-UTRAN and UTRAN mobility. (04 Marks)
- 9 a. Explain about layer 2 scheduling and link adaptation with HARQ management. (08 Marks)  
b. Explain Interworking between packet scheduling Link adaption unit and other uplink RRM. (08 Marks)  
c. Explain about DRx parameter and their description. (04 Marks)
- 10 a. Explain about Downlink budget parameter for LTE. (08 Marks)  
b. Explain about uplink system performance for the spectral efficiency. (08 Marks)  
c. Estimate the maximum traffic volume for LTE dimension for 1+1+1 at 20MHz. (04 Marks)

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