

Take Test: Test 1 (2018-19)

Test Information

Description

Instructions


Timed Test This test has a time limit of 1 hour. This test will save and be submitted automatically when the time expires.
Warnings appear when **half the time, 5 minutes, 1 minute, and 30 seconds** remain.

Multiple Attempts This Test allows 3 attempts. This is attempt number 1.

Force Completion This Test can be saved and resumed at any point until time has expired. The timer will continue to run if you leave the test.

This test does not allow backtracking. Changes to the answer after submission are prohibited.

Close Window

 Moving to the next question prevents changes to this answer.

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Question 8


10 points


Save Answer

If $B_D = 16\text{MHz}$ denotes the Doppler spread, B_{coh} represents the coherence bandwidth and T_c is the chip period, then in a frequency selective fast fading CDMA channel which of the following is correct?

- (a) $T_c = 61\text{ns}$ and $B_{\text{coh}} = 3\text{MHz}$
- (b) $T_c = 61\text{ns}$ and $B_{\text{coh}} = 100\text{MHz}$
- (c) $T_c = 244\text{ns}$ and $B_{\text{coh}} = 3\text{MHz}$
- (d) $T_c = 244\text{ns}$ and $B_{\text{coh}} = 100\text{MHz}$
- (e) None of the above.

☐ a☐ b☐ c☐ d☐ e

 Moving to the next question prevents changes to this answer.

Question **8** of **10** 

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