

Code No: 58024

Set No. 1

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

IV B.Tech. II Sem., II Mid-Term Examinations, April-2014

CELLULAR AND MOBILE COMMUNICATIONS

Objective Exam

Name: _____ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I. Choose the correct alternative:

1. Refraction index decreases with height, and the rays will be curved downward is known as following condition []
a) Duct propagation b) Reflection c) Diffraction d) Refraction
2. In mobile to mobile propagation, the propagation channel act as the following Component []
a) Repeater b) attenuator c) Filter d) Amplifier
3. The path unobstructed by terrain and man made structure is []
a) Non obstructive path b) Indirect path c) Line of sight path d) None
4. Which device can be used to reduce the number of transmitting antennas in mobile communication []
a) Multiplexers b) Hybrid ring counter c) Atenuator d) Location antennas
5. What is the difference in position between glass mounted and roof mounted antennas. []
a) 6 db b) 7 db c) 0 db d) 3 db
6. What is RECC _____ []
a) Reverse electrical control channel b) reverse control channel
c) Reverse enable control channel d) Retry enable call control
7. All set up channels carries only _____ []
a) Header information b) Data information c) address information d) Handoff information
8. If a handoff that could not occur but if it is forced to happen then it is called as []
a) Soft Handoff b) Hard handoff c) Forced hand off d) none
9. The method used for selecting cell site location is _____ []
a) Propagation prediction b) path loss c) Durkin's d) Knife edge
10. Dynamic channel assignment is mainly done for the _____ []
a) Increase traffic capacity b) Decrease traffic intensity
c) Increase gain level d) decrease transmit power

Cont.....2

II Fill in the Blanks:

11. The dropped call is _____ but _____ it is terminated properly.
12. The queuing of handoff is _____ when compared to two threshold level handoffs.
13. The type of channel allocation is _____
14. When there is no voice channels, the cell site could send a _____ message using setup channels.
15. The high cell site corers signal in _____
16. The two branch space diversity antennas can _____ in mobile communication.
17. The gain of glass mounted antennas will be _____
18. Foliage areas are _____
19. The gradual bending of rays due to changing effective dielectric constant of atmosphere is the following effect _____
20. The rage for which point to point model is very useful to provide predictions is _____

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Set No. 2

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

IV B.Tech. II Sem., II Mid-Term Examinations, April-2014

CELLULAR AND MOBILE COMMUNICATIONS

Objective Exam

Name: _____ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I. Choose the correct alternative:

1. Which device can be used to reduce the number of transmitting antennas in mobile communication []
a) Multiplexers b) Hybrid ring counter c) Attenuator d) Location antennas
2. What is the difference in position between glass mounted and roof mounted antennas. []
a) 6 db b) 7 db c) 0 db d) 3 db
3. What is RECC _____ []
a) Reverse electrical control channel b) reverse control channel
c) Reverse enable control channel d) Retry enable call control
4. All set up channels carries only _____ []
a) Header information b) Data information c) address information d) Handoff information
5. If a handoff that could not occur but if it is forced to happen then it is called as []
a) Soft Handoff b) Hard handoff c) Forced hand off d) none
6. The method used for selecting cell site location is _____ []
a) Propagation prediction b) path loss c) Durkin's d) Knife edge
7. Dynamic channel assignment is mainly done for the _____ []
a) Increase traffic capacity b) Decrease traffic intensity
c) Increase gain level d) decrease transmit power
8. Refraction index decreases with height, and the rays will be curved downward is known as following condition []
a) Duct propagation b) Reflection c) Diffraction d) Refraction
9. In mobile to mobile propagation, the propagation channel act as the following Component []
a) Repeater b) attenuator c) Filter d) Amplifier
10. The path unobstructed by terrain and man made structure is []
a) Non obstructive path b) Indirect path c) Line of sight path d) None

II Fill in the Blanks:

11. When there is no voice channels, the cell site could send a _____ message using setup channels.
12. The high cell site corers signal in _____
13. The two branch space diversity antennas can _____ in mobile communication.
14. The gain of glass mounted antennas will be _____
15. Foliage areas are _____
16. The gradual bending of rays due to changing effective dielectric constant of atmosphere is the following effect _____
17. The rage for which point to point model is very useful to provide predictions is _____
18. The dropped call is _____ but _____ it is terminated properly.
19. The queuing of handoff is _____ when compared to two threshold level handoffs.
20. The type of channel allocation is _____

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Code No: 58024

Set No. 3

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

IV B.Tech. II Sem., II Mid-Term Examinations, April-2014

CELLULAR AND MOBILE COMMUNICATIONS

Objective Exam

Name: _____ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I. Choose the correct alternative:

1. What is RECC_____ []
a) Reverse electrical control channel b) reverse control channel
c) Reverse enable control channel d) Retry enable call control
2. All set up channels carries only_____ []
a) Header information b) Data information c) address information d) Handoff information
3. If a handoff that could not occur but if it is forced to happen then it is called as []
a) Soft Handoff b) Hard handoff c) Forced hand off d) none
4. The method used for selecting cell site location is_____ []
a) Propagation prediction b) path loss c) Durkin's d) Knife edge
5. Dynamic channel assignment is mainly done for the_____ []
a) Increase traffic capacity b) Decrease traffic intensity
c) Increase gain level d) decrease transmit power
6. Refraction index decreases with height, and the rays will be curved downward is known as following condition []
a) Duct propagation b) Reflection c) Diffraction d) Refraction
7. In mobile to mobile propagation, the propagation channel act as the following Component []
a) Repeater b) attenuator c) Filter d) Amplifier
8. The path unobstructed by terrain and man made structure is []
a) Non obstructive path b) Indirect path c) Line of sight path d) None
9. Which device can be used to reduce the number of transmitting antennas in mobile communication []
a) Multiplexers b) Hybrid ring counter c) Atenuator d) Location antennas
10. What is the difference in position between glass mounted and roof mounted antennas. []
a) 6 db b) 7 db c) 0 db d) 3 db

Cont.....2

II Fill in the Blanks:

11. The two branch space diversity antennas can _____ in mobile communication.
12. The gain of glass mounted antennas will be _____
13. Foliage areas are _____
14. The gradual bending of rays due to changing effective dielectric constant of atmosphere is the following effect _____
15. The range for which point to point model is very useful to provide predictions is _____
16. The dropped call is _____ but _____ it is terminated properly.
17. The queuing of handoff is _____ when compared to two threshold level handoffs.
18. The type of channel allocation is _____
19. When there is no voice channels, the cell site could send a _____ message using setup channels.
20. The high cell site covers signal in _____

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Set No. 4

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

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CELLULAR AND MOBILE COMMUNICATIONS

Objective Exam

Name: _____ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I. Choose the correct alternative:

1. If a handoff that could not occur but if it is forced to happen then it is called as []
a) Soft Handoff b) Hard handoff c) Forced hand off d) none
2. The method used for selecting cell site location is _____ []
a) Propagation prediction b) path loss c) Durkin's d) Knife edge
3. Dynamic channel assignment is mainly done for the _____ []
a) Increase traffic capacity b) Decrease traffic intensity
c) Increase gain level d) decrease transmit power
4. Refraction index decreases with height, and the rays will be curved downward is known as following condition []
a) Duct propagation b) Reflection c) Diffraction d) Refraction
5. In mobile to mobile propagation, the propagation channel act as the following Component []
a) Repeater b) attenuator c) Filter d) Amplifier
6. The path unobstructed by terrain and man made structure is []
a) Non obstructive path b) Indirect path c) Line of sight path d) None
7. Which device can be used to reduce the number of transmitting antennas in mobile communication []
a) Multiplexers b) Hybrid ring counter c) Attenuator d) Location antennas
8. What is the difference in position between glass mounted and roof mounted antennas. []
a) 6 db b) 7 db c) 0 db d) 3 db
9. What is RECC _____ []
a) Reverse electrical control channel b) reverse control channel
c) Reverse enable control channel d) Retry enable call control
10. All set up channels carries only _____ []
a) Header information b) Data information c) address information d) Handoff information

Cont.....2

II Fill in the Blanks:

11. Foliage areas are_____
12. The gradual bending of rays due to changing effective dielectric constant of atmosphere is the following effect_____
13. The range for which point to point model is very useful to provide predictions is _____
14. The dropped call is _____ but_____ it is terminated properly.
15. The queuing of handoff is _____when compared to two threshold level handoffs.
16. The type of channel allocation is _____
17. When there is no voice channels, the cell site could send a _____ message using setup channels.
18. The high cell site covers signal in _____
19. The two branch space diversity antennas can _____in mobile communication.
20. The gain of glass mounted antennas will be_____

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