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Q1. When negative voltage feedback is applied to an amplifier, its voltage gain

1. Is increased
2. Is reduced
3. Remains the same
4. None of the above

Answer : 2

Q2. The value of negative feedback fraction is always

1. Less than 1
2. More than 1
3. Equal to 1
4. None of the above

Answer : 1

Q3. If the output of an amplifier is 10 V and 100 mV from the output is fed back to the input, then feedback fraction is

1. 10
2. 1
3. 01
4. 15

Answer : 3

Q4. The gain of an amplifier without feedback is 100 db. If a negative feedback of 3 db is applied, the gain of the amplifier will become

1. 5 db
2. 300 db
3. 103 db
4. 97 db

Answer : 4

Q5. If the feedback fraction of an amplifier is 0.01, then voltage gain with negative feedback is approximately.....

1. 500
2. 100
3. 1000
4. 5000

Answer : 2

Q6. A feedback circuit usually employs network

1. Resistive
2. Capacitive
3. Inductive
4. None of the above

Answer : 1

Q7. The gain of an amplifier with feedback is known as gain

1. Resonant
2. Open loop
3. Closed loop
4. None of the above

Answer : 3

Q8. When voltage feedback (negative) is applied to an amplifier, its input impedance

1. Is decreased
2. Is increased
3. Remains the same
4. None of the above

Answer : 2

Q9. When current feedback (negative) is applied to an amplifier, its input impedance

1. Is decreased
2. Is increased
3. Remains the same
4. None of the above

Answer : 1

Q10. Negative feedback is employed in

1. Oscillators
2. Rectifiers
3. Amplifiers
4. None of the above

Answer : 3