

QUIZ – ANSWER KEY

QUIZ NO: 117

TOPIC: ELECTRICAL ENGINEERING

DATE: 25/10/2022

1. Oscillators are used to _____ AC voltage ?

- [A] Prevent
- [B] Generate
- [C] Amplify
- [D] Rectify

Answer: B

2. Oscillator _____ an AC input for giving an AC output ?

- [A] Doesn't need
- [B] Need
- [C] Doesn't need at lower frequencies
- [D] Doesn't need at higher frequencies

Answer: A

3. Negative resistance are incorporated in oscillator for ____ ?

- [A] Sustained oscillation
- [B] Damped oscillation

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[C] Biasing the oscillator

[D] Increasing amplitude of oscillation

Answer: A

4. For accomplishing negative resistance in oscillator we use ____?

[A] Voltage divider circuit

[B] Negative feedback

[C] Positive feedback

[D] Current divider circuit

Answer: C

5. Primary trigger for oscillation is obtained from ____?

[A] DC voltage

[B] Noise voltage

[C] External trigger voltage

[D] No trigger is required

Answer: B

6. The AC power of output signal is obtained by ____?

[A] Input AC voltage

[B] Input DC voltage

[C] DC biasing voltage

[D] Power is generated by transistor itself

Answer: C

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7. The output of a stable oscillator have ____?
- [A] Constant amplitude
 - [B] Varying amplitude
 - [C] Constant amplitude at high frequencies only
 - [D] Constant amplitude at low frequencies only

Answer: A

8. The output waveform of a stable oscillator have ____?
- [A] Constant frequency at low amplitude only
 - [B] Constant frequency at high amplitude only
 - [C] Variable frequency
 - [D] Constant frequency

Answer: D

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9. RC phase shift oscillators contain a minimum of _____ Phase shift network?

- [A] 1
- [B] 2
- [C] 3
- [D] 0

Answer: C

10. Phase shift provided by one phase shift network in RC phase shift oscillator in 3 stage is ____ ?

- [A] 180 degrees
- [B] 60 degrees
- [C] 120 degree
- [D] 90 degree

Answer: B

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