BASIC ELECTRICAL & ELECTRONICS ENGINEERING

Unit 3: Surprise Test Pool

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Final Grade
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Assignment Content

Question 1

1 / 1

An integrator converts a square waveform into

Hide answer choices

- A triangular waveform
- B parabola
- C spikes

Question 2

1 / 1

The IC used in OPAMP is LM 741.

- T True
- F False

Question 3

1 / 1

An op-amp with negative feedback works as an oscillator. True or false?

- T True
- F False

Question 4

1 / 1

Current will flow to ground through a virtual ground. True or False?

- T True
- F False

Question 5

1 / 1

The average value of the two currents flowing into the op-amp input terminals is known as input offset current. True or false?

- T True
- F False

Feedback

Feedback for student

Your instructor hasn't added feedback

Question 6

1 / 1

An op-amp with positive feedback works as an amplifier. True or false?

(T) True

(F) False

Question 7

1 / 1

The inverting op-amp configuration is used as phase shifter. True or false?

(T) True

(F) False

Question 8

1 / 1

An integrator converts a square waveform into a triangular waveform. True or false?

(T) True

(F) False

Question 9

1 / 1

Which of the following electrical characteristics is not exhibited by an ideal op-amp?

Hide answer choices

(A) infinite voltage gain

(B) zero output resistance

(C) zero slew rate

(D) infinite bandwidth

Question 10

1 / 1

The common-mode voltage gain is

Hide answer choices

(A) equal to differential voltage gain

(B) greater than differential voltage gain

(C) smaller than differentail voltage gain

Question 11

1 / 1

In IC LM 741 the pin no. 3 is

Hide answer choices

(A) inverting

(B) output

C non-inverting

D none of above

Question 12

1 / 1

In inverting amplifier output voltage is ..... deg out of phase with input voltage.

Hide answer choices

A 90

B 180

C 60

D 120