



Electronics - Fall Semester - 2021/2022

Home My courses Electronics - Fall - 2021/2022 General

Exam 2- level 2 For all branches on Monday 13/12/2021 from 8:00 pm to 9:30 pm -Note: Don't solve this the exam If your degree 7,8,9 or 10 in exam (1) because you will punish and lost your degree in exam (1).

Question 1

Not yet answered

Marked out of 1.00

Flag question

For superposition, it is not required that only one independent source be considered at a time; any number of independent sources may be considered simultaneously

Select one:

- ☒ True
- ☐ False

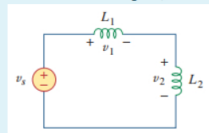
Question 2

Not yet answered

Marked out of 1.00

Flag question

For the circuit in Figure, the voltage divider formula is:



Select one:

- ☒ a. $v_1 = \frac{L_1}{L_1 + L_2} v_s$
- ☐ b. $v_1 = \frac{L_1 + L_2}{L_1} v_s$
- ☐ c. $v_1 = \frac{L_1 + L_2}{L_2} v_s$
- ☐ d. $v_1 = \frac{L_2}{L_1 + L_2} v_s$

Question 3

Not yet answered

Marked out of 2.00

Flag question

A capacitor C "has a charge Q". The actual charges on its plates are:

Select one:

- ☒ a. Q,-Q
- ☐ b. Q/2 , -Q/2
- ☐ c. Q/2 , Q/2
- ☐ d. Q,Q
- ☐ e. Q,0

Question 4

Not yet answered

Marked out of 2.00

Flag question

..... is the property whereby an inductor exhibits opposition to the change of current flowing through it, measured in henrys (H).

Select one:

- ☒ a. Inductance
- ☐ b. resistor
- ☐ c. capacitor
- ☐ d. Capacitance

Question 5

Not yet answered

Marked out of 2.00

Flag question

One of materials listed below is to be placed between two identical metal sheets, with no, air gap, to form a parallel-plate capacitor. Which produces the greatest capacitance?

Select one:

- ☐ a. material of thickness 0.1 mm and dielectric constant 2
- ☐ b. material of thickness 0.2 mm and dielectric constant 3
- ☒ c. material of thickness 0.5 mm and dielectric constant 11
- ☐ d. material of thickness 0.4 mm and dielectric constant 8
- ☐ e. material of thickness 0.3 mm and dielectric constant 2

Quiz navigation



[Finish attempt ...](#)

Time left 0:08:48

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