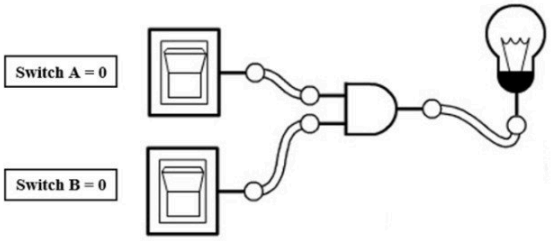
arning Gateway - لوحة المعلومات
lms.moe.gov.ae/Dashboard#!/view/449157//1344502/Activities

CCDI Checkpoint 1

سؤال 1:

الدرجة : 4/ 4

Q1. Refer to the figure below, the light bulb turns on only when both switches are on.



Which type of logic gate this represents?

OR GATE

NOT GATE

✔ AND GATE

OR NOT GATE

Chapter Course Material :الدرس
What is my IP? - W...
لوحة المعلومات - S...
Psiphon 3
31°C Haze
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9/26/2022

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الدرجة : 4/ 4

Q2. Refer to the truth table shown below. Which of the following logic gates produces a HIGH output if any of its inputs is HIGH?

Input		Output
A	B	Z
0	0	0
0	1	1
1	0	1
1	1	1

- ✔ OR Gate
- AND Gate
- NOT Gate
- OR NOT Gate

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CCDI Checkpoint 1

سؤال 3:

الدرجة : 4 / 4

Q3. Refer to the truth table shown below. Which of the following logic gates produces

Input		Output
A	B	Z
0	0	0
0	1	0
1	0	0
1	1	1

NOT Gate

OR Gate

NOT OR Gate

✔AND Gate

Chapter Course Material :الفرقة

سويت هذي القناه عشان تحلون منها الف و LMS حق ثاني عشر عام

انشر القناة لتعم الفائدة على الجميع

-اذا عندكم حد من صف ثاني عشر طرشوله الرابط عسب كل حد يستفيد

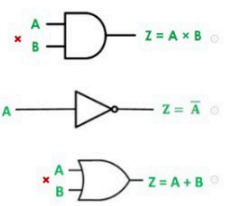
https://t.me/+rMZjM1InA3g4NTHk

نتمنى التوفيق للجميع

سؤال 4:

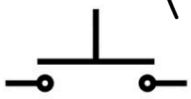
الدرجة : 4/ 4

Q4. Which of the following figures shows the symbol of the inverter or the NOT gate?



CCDI Checkpoint 1

Q5. What is the symbol for a pushbutton in a schematic diagram?









سؤال 6:

CCDI Checkpoint 1

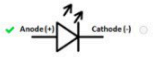
سؤال 6:

الدرجة : 2 /2

Q6. What is the symbol for an LED in a schematic diagram?









سؤال 7:

Chapter Course Material :الدرس

CCDI Checkpoint 1

سؤال 7:

الدرجة : 1 / 1

Q7. Which of the following electrical quantities can be measured by Digital multimeter (DMM)?

a. Voltage, resistance, current and continuity

b. Capacitance, current and distance

c. Current, pressure and resistance on

d. Pressure, temperature and volume

سؤال 8:

الدرجة : 1 / 1

Q8. The circuit below was not functioning properly, to determine the fault, the diode was isolated and tested using DMM. A result of (OL) was shown on the DMM. What does this mean?



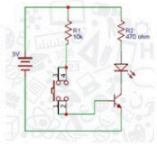
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سؤال 8:

الدرجة : 1/1

Q8. The circuit below was not functioning properly, to determine the fault, the diode was isolated and tested using DMM. A result of (OL) was shown on the DMM. What does this mean?



a. The diode is Over Loaded, the battery should be replaced

✔b. The diode acts as Open Loop, the diode should be replaced

c. The diode is On-Line, the switch should be replaced

.d. The diode is at Optimum Level, nothing needs to be changed