



Hints to identify as MSQ:

- **MSQ's are now being given in IIT- JEE advanced for the last several years. It is given as a separate section and clearly mentioned. partial marks are there in IIT-JEE**

Coming to GATE exam also they may specify.

- **If not specified grammatical hints will be given as follows**
 1. **is/are**
 2. **Statement(s)**
 3. **Characteristic(s)**
 4. **Instrument(s)**
 5. **Singular(Plural), by giving 's' in brackets indication for more than one**
- **In a nutshell Common-sense, minimum English knowledge can signal about MSQ (Multiple Select Questions)**
- **No negative marking for MSQ**
- **Say of the four options, three are correct. But you have marked only two correct options. You will not get partial marks like in IIT –JEE**
- ❖ **We are providing examples of MSQ in general /technical updates VERY SHORTLY WE WILL UPLOAD VIDEOS EXPLAINING ALL FEATURES**

ALL THE BEST



Another hint to identify a MSQ:

➤ As per NPTEL lectures and assignments the following are the notations

for MCQ - Radio button

for MSQ - Check box

Example Questions for MCQ (Multiple Choice Questions) Type

Q. Who is the son of King Dasaratha in Ramayana?

- Ravana
- Hanuma
- Krishna
- Rama

How to select correct Option

Q. Who is the son of King Dasaratha in Ramayana?

- Ravana
- Hanuma
- Krishna
- Rama

Ans: (4)



Example Questions for MSQ (Multiple Selected Questions) Type

Q. Who is/are the son(s) of King Dasaratha in Ramayana?

- Rama
- Shathrugna
- Ravana
- Bharatha

How to select correct Option(s)

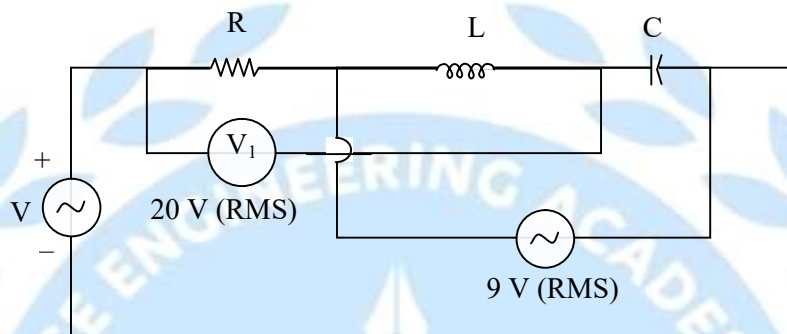
Q. Who is/are the son(s) of King Dasaratha in Ramayana?

- Rama
- Shathrugna
- Ravana
- Bharatha

Ans: (1, 2 & 4)

Example Questions for MSQ (Multiple Selected Questions) Type

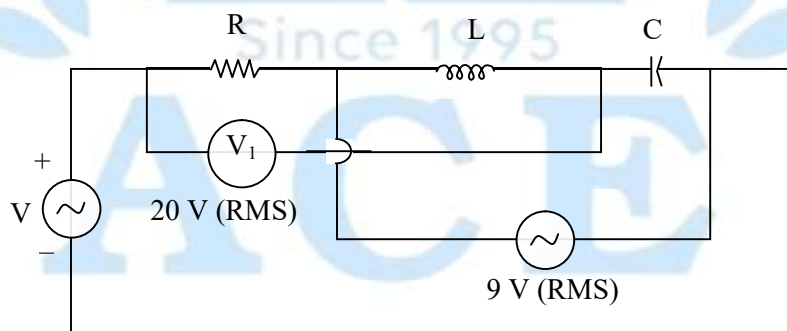
Q1. In the case of the R-L-C circuit shown in the given figure the voltage(s) across the capacitor would be



- 7 V
- 12 V
- 25 V
- 16 V

How to select correct Option(s)

Q1. In the case of the R-L-C circuit shown in the given figure the voltage(s) across the capacitor would be

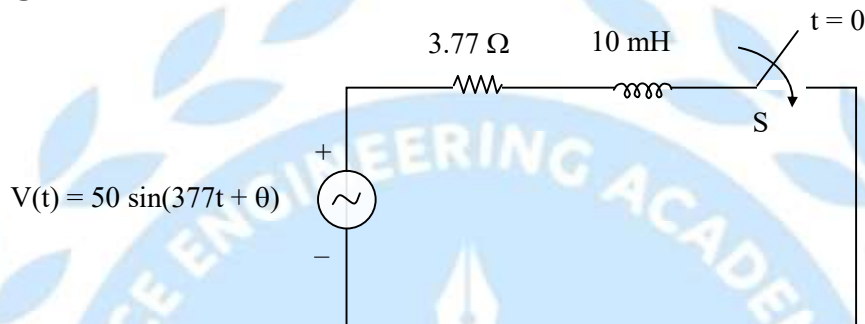


- 7 V
- 12 V
- 25 V
- 16 V

Ans: a, c

Example Questions for MSQ (Multiple Selected Questions) Type

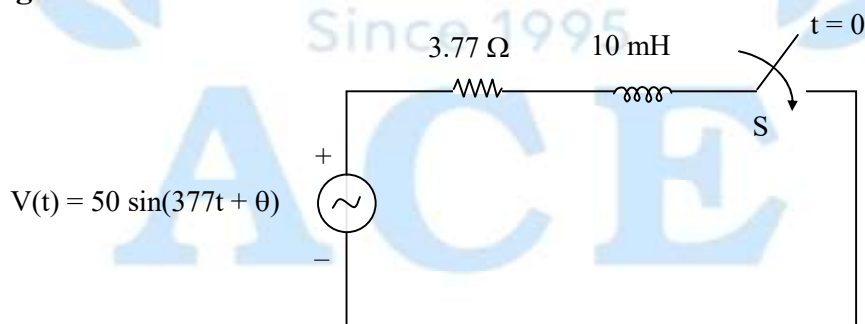
Q2. In the circuit shown below, the switch is closed at $t = 0$. The value(s) of θ in degrees which will give maximum value of D.C off-set of the current at the time of switching is



- -30°
- -45°
- 90°
- 135°

How to select correct Option(s)

Q2. In the circuit shown below, the switch is closed at $t = 0$. The value(s) of θ in degrees which will give maximum value of D.C off-set of the current at the time of switching is

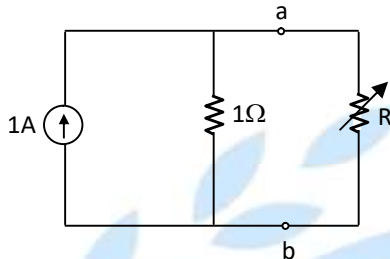


- -30°
- -45°
- 90°
- 135°

Ans: b, d

Example Questions for MSQ (Multiple Selected Questions) Type

Q3. Consider the following circuit.

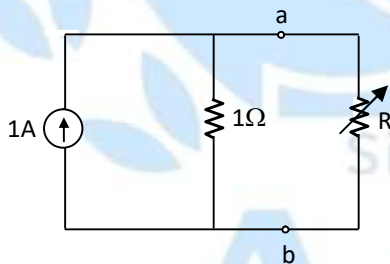


When 25% of maximum deliverable power transferred to the load R,
The value(s) of R is/are

- 83.5 m Ω
- 71.7 m Ω
- 13.9 Ω
- 14.8 Ω

How to select correct Option(s)

Q3. Consider the following circuit.



When 25% of maximum deliverable power transferred to the load R,
The value(s) of R is/are

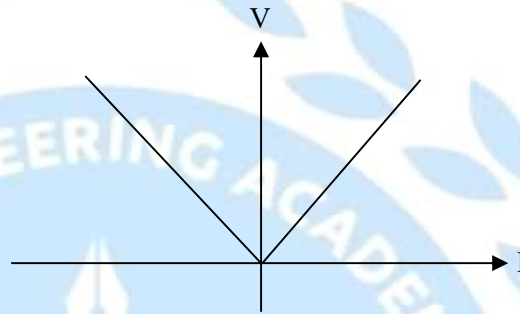
- 83.5 m Ω
- 71.7 m Ω
- 13.9 Ω
- 14.8 Ω

Ans: (b & c)

Example Questions for MSQ (Multiple Selected Questions) Type

Q4. The V-I characteristic of an element is shown in the figure given below,
The element has the property/ properties as

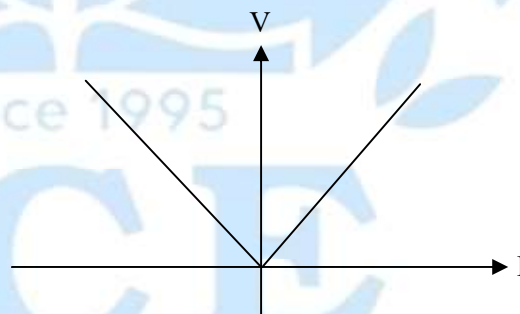
- Non linear
- Linear
- Active
- Unilateral



How to select correct Option(s)

Q4. The V-I characteristic of an element is shown in the figure given below,
The element has the property/ properties as

- Non linear
- Linear
- Active
- Unilateral



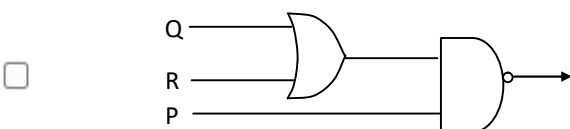
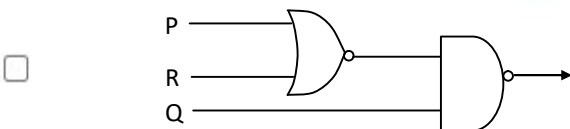
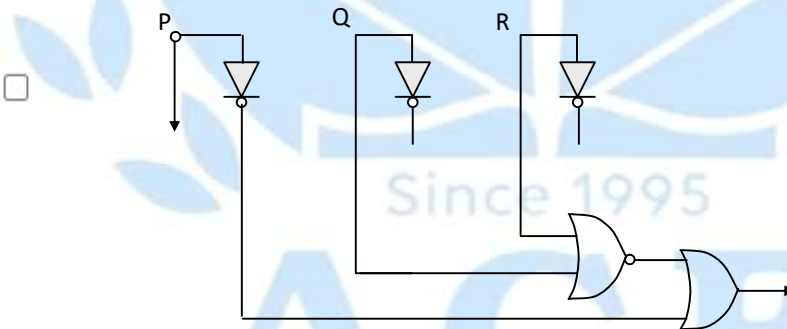
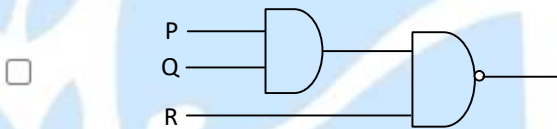
Ans: a, c & d

Example Questions for MSQ (Multiple Selected Questions) Type

Q5. Consider the k-map shown in the figure,

		RS			
	PQ	00	01	11	10
00	1	1	1	1	
01	1	1	×	1	
11	0	0	0	0	
10	1	1	0	0	

Which of the following Circuit(s) can produce the Boolean function which is suitable to the obtained Boolean expression of k-map?

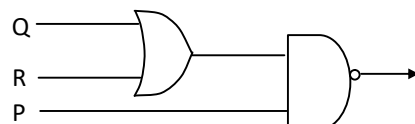
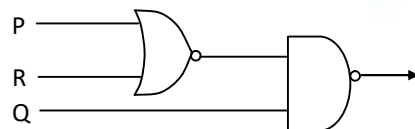
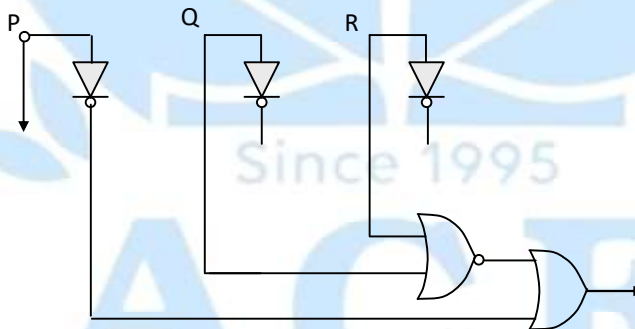
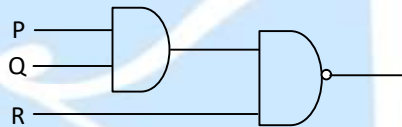


How to select correct Option(s)

Q5. Consider the k-map shown in the figure,

		RS			
	PQ	00	01	11	10
00	1	1	1	1	
01	1	1	×	1	
11	0	0	0	0	
10	1	1	0	0	

Which of the following Circuit(s) can produce the Boolean function which is suitable to the obtained Boolean expression of k-map?



Ans: b, d



Example Questions for MSQ (Multiple Selected Questions) Type

Q6. Which of the following is/are the indicating instrument(s)?

- PMMC
- MI
- EMMC
- Energy meter

How to select correct Option(s)

Q6. Which of the following is/are the indicating instrument(s)?

- PMMC
- MI
- EMMC
- Energy meter

Ans: a, b, c



Example Questions for MSQ (Multiple Selected Questions) Type

Q7. Which of the following work/works on the principle of Magnetic effect?

- PMMC
- MI
- Electrostatic voltmeter
- EMMC

How to select correct Option(s)

Q7. Which of the following work/works on the principle of Magnetic effect?

- PMMC
- MI
- Electrostatic voltmeter
- EMMC

Ans: a, b, d.