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)

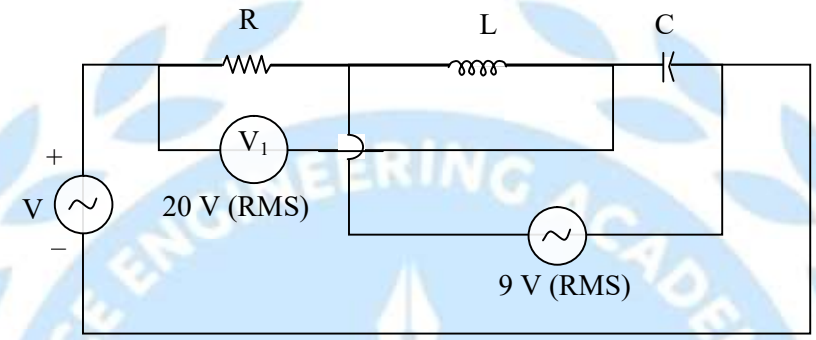
Q. Who is/are the son(s) of King Dasaratha in Ramayana?

- ☑ Rama
- ☑ Shathrugna
- ☐ Ravana
- ☑ Bharatha

Ans: (1, 2 & 4)

Example Questions for MSQ (Multiple Selected Questions) Type

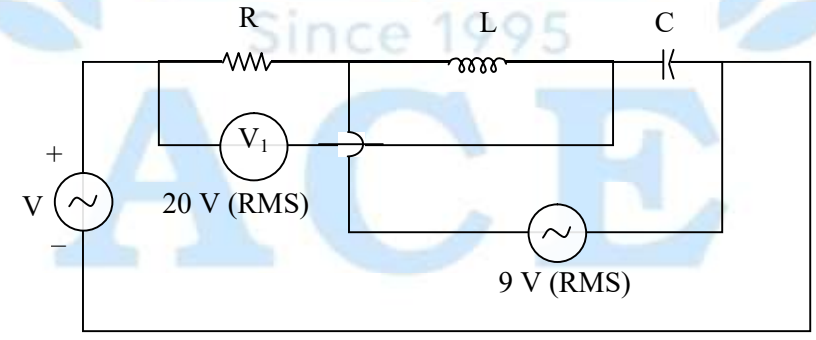
Q1. In the case of the R-L-C circuit shown in the given figure the voltage(s) across the capacitor would be



- ☐ 7V
- ☐ 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

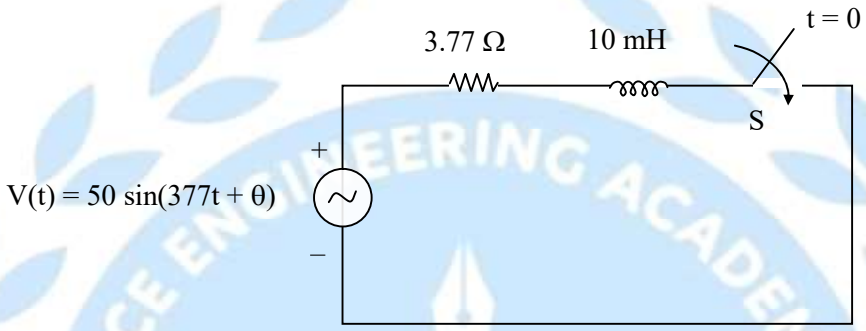


- ☑ 7 V
- ☐ 12 V
- ☑ 25 V
- ☐ 16 V

Ans: a, c

Example Questions for MSQ (Multiple Selected Questions) Type

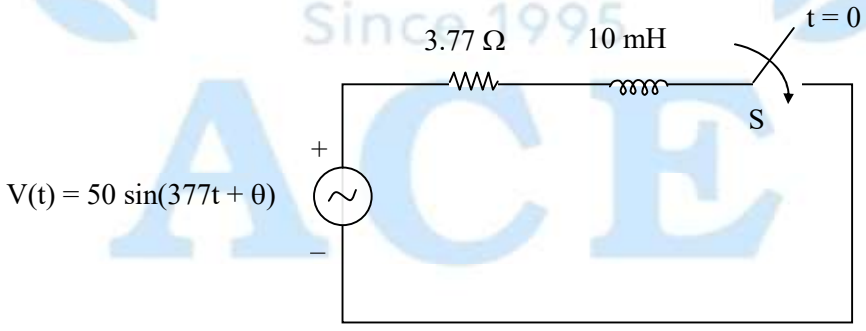
Q2. In the circuit shown below, the switch is closed at t = 0. The value(s) of θ in degrees which will give maximum value of D.C off-set of the current at the time of switching is



- ☐ – 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

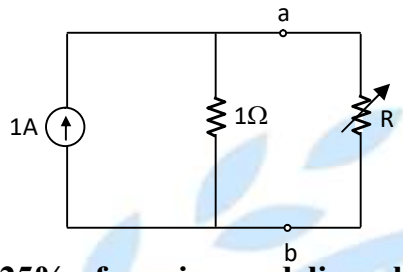


- ☐ – 30°
- ☑ – 45°
- ☐ 90°
- ☑ 135°

Ans: b, d

Example Questions for MSQ (Multiple Selected Questions) Type

Q3. Consider the following circuit.



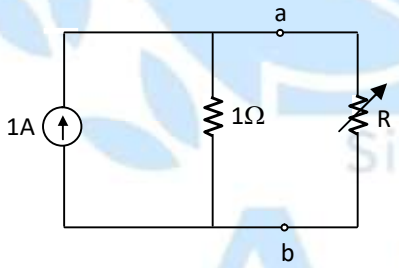
When 25% of maximum deliverable power transferred to the load R,

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.



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- ☐ 83.5 m Ω
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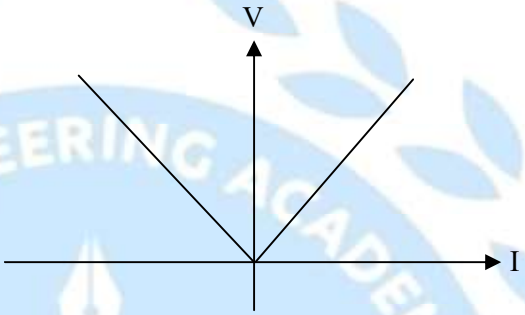
- ☑ 13.9 Ω
- ☐ 14.8 Ω

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)

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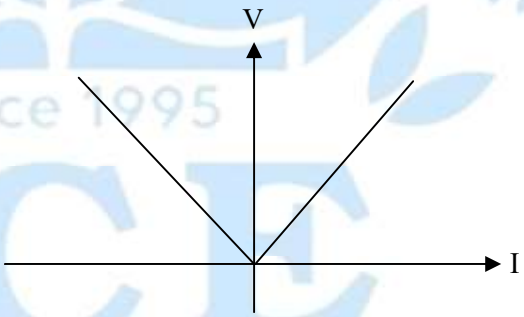


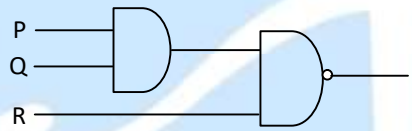
Ans: a, c & d

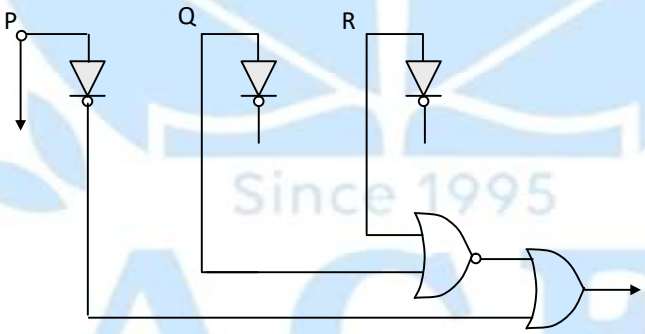
Example Questions for MSQ (Multiple Selected Questions) Type

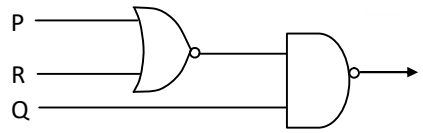
Q5. Consider the k-map shown in the figure,

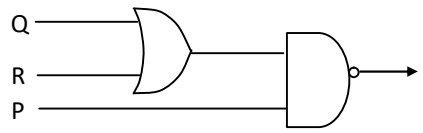
PQ \ RS	00	01	11	10
00	1	1	1	1
01	1	1	×	1
11	0	0	0	0
10	1	1	0	0

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,

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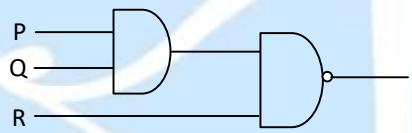
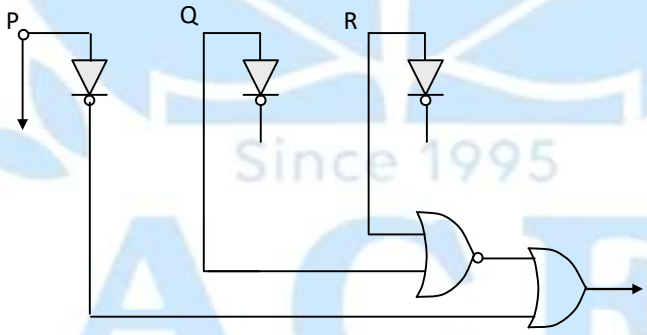
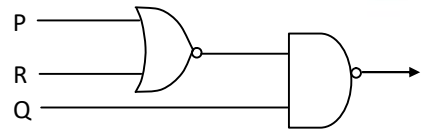
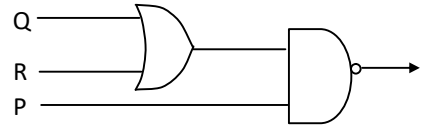
☐ 

☑ 

☐ 

☑ 

Ans: b, d