



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)



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)

Q. When a die is rolled, the probability of landing with 2 is / are

- ☐ 3/6
- ☐ 1/6
- ☐ 2/6
- ☐ 6/36

How to select correct Option(s)

Q. When a die is rolled, the probability of landing with 2 is / are

- ☐ 3/6
- ☒ 1/6
- ☐ 2/6
- ☒ 6/36

Ans: (2 & 4)

Q. A motor car takes 50 sec to travel 500 m. What is its speed?

- ☐ 32 kmph
- ☐ 36 kmph
- ☐ 36 m/sec
- ☐ 10 m/sec

How to select correct Option(s)

Q. A motor car takes 50 sec to travel 500 m. What is its speed?

- ☐ 32 kmph
- ☒ 36 kmph
- ☐ 36 m/sec
- ☒ 10 m/sec

Ans: (2 & 4)

Q. Which of the following is/are leap year(s)?

- ☐ 1900
- ☐ 2400
- ☐ 2100
- ☐ 2096

How to select correct Option(s)

Q. Which of the following is/are leap year(s)?

- ☐ 1900
- ☒ 2400
- ☐ 2100
- ☒ 2096

Ans: (2 & 4)

Q. A is taller than B. B is taller than C. D is shorter than C. Which of the following conclusions is/are definitely true?

- ☐ A is taller than D
- ☐ C is taller than A
- ☐ B is shorter than D
- ☐ C is shorter than A

How to select correct Option(s)

Q. A is taller than B. B is taller than C. D is shorter than C. Which of the following conclusions is/are definitely true?

- ☒ A is taller than D
- ☐ C is taller than A
- ☐ B is shorter than D
- ☒ C is shorter than A

Ans: (1 and 4)

Q. Which of the following is /are true about the binary relation $s = \phi$ (empty set) on Set $A = \{1, 2, 3\}$

- ☐ Symmetric
- ☐ Irreflexive
- ☐ Reflexive
- ☐ Transitive

How to select correct Option(s)

Q. Which of the following is /are true about the binary relation $s = \phi$ (empty set) on

Set $A = \{1, 2, 3\}$

- ☒ Symmetric
- ☒ Irreflexive
- ☐ Reflexive
- ☒ Transitive

Ans: (1, 2 & 4)

Q. Which of the following is/are valid statement(s) of the spanning tree of a connected undirected graph $G(V, E)$?

- ☐ Spanning Tree of $G(V, E)$ must contain $(V-1)$ number of edges
- ☐ Spanning Tree of $G(V, E)$ is minimally connected
- ☐ Spanning Tree of $G(V, E)$ is maximally cyclic
- ☐ Spanning Tree of $G(V, E)$ must contain $(E-1)$ number of edges

How to select correct Option(s)

Q. Which of the following is/are valid statement(s) of the spanning tree of a connected undirected graph $G(V, E)$?

- ☒ Spanning Tree of $G(V, E)$ must contain $(V-1)$ number of edges
- ☒ Spanning Tree of $G(V, E)$ is minimally connected
- ☐ Spanning Tree of $G(V, E)$ is maximally cyclic
- ☐ Spanning Tree of $G(V, E)$ must contain $(E-1)$ number of edges

Ans: (1 & 2)