

AMPLIFICATION ARENA

ENTRY FEES:

Team of trio

Entry fees for a team=Rs.100

DESCRIPTION

Test your wits on amplifier and oscillator. It contains three rounds of testing knowledge through quiz, Memorize to maximize and Crafting your Curiosity with circuit. Come in teams and win exciting prizes!

ROUND 1 : QUIZ CRAZE

- It will be a paper pen quiz.
- The questions will be displayed on ppt.
- The team members can discuss before giving the answer.
- Evaluations will be based on the number of questions correctly answered.

TIME REQUIRED: 1 HOUR 15 MINS

ROUND 2 : MEMORY MASTER

- It will be a memory game.
- The questions will be displayed on ppt, only for 15 seconds.
- Questions will be asked based upon the circuit displayed.
- The team members can discuss before giving the answer.
- If a team cannot answer a question they can pass it or after 30 seconds it gets automatically passed to the next team. Negative marking will be allotted for passing of question.
- If a team is answering a question and the time passes, then the team gets to complete the answer and is awarded points for the right answer

TIME REQUIRED: 45 MINS

ROUND 3 : CIRCUIT DESIGNING

- According to the clues, the circuit should be identified.
- Then circuit will be handed over to the team individually, after identification of clues.
- After designing the circuit, the output should be shown on the CRO with the time constrain.
- The winning team will be announced based on the output shown.

TIME REQUIRED: 45 MINS

RESULT ANNOUNCMENT: 15 MINS

VENUE :

ROUND 1 & 2: CLASSROOM

ROUND 3: ANALOG LAB

MATERIALS REQUIRED:

ROUND 1 & 2: PROJECTOR, PEN AND PAPER, LAPTOP

ROUND 3: BREAD BOARD, RESISTOR, CAPACITOR, TRANSISTOR, CRO, CONNECTING WIRE, PROBES, RPS, FG

Prize amount

First prize=rs 2000

Second prize=rs 1500