

PIONEER 2024

A National Level Technical Event

Department Of Computer Science &
Engineering

25 February 2024 , Sunday.

Association Of Computer Science &
Engineering Students

ACSES

Presents

CODE

VENTURE

Welcome to the Coding Safari



PIONEER 2024

A NATIONAL TECHNICAL EVENT

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

25 FEB 2024 | REGISTRATION FEE - ₹100/-

CODE VENTURE

WELCOME TO THE CODING SAFARI

POP QUEST

(C / PYTHON)

ROUND 1 : APTI HUNT
ROUND 2 : PSEUDO MAZE
ROUND 3 : CODE JUMANJI

OOP QUEST

(C++ / JAVA)

ROUND 1 : APTI HUNT
ROUND 2 : PSEUDO MAZE
ROUND 3 : CODE JUMANJI

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Prizes Worth- ₹10000/-

Round 1 : Apti Hunt

Let speed be your stride and time your ally for success!

• **Aptitude**

- ⤴ **Duration : 50 Minutes**
- ⤴ **No of Questions : 40**
- ⤴ **Questions Split : 40 (Aptitude)**

- ☐ **50 % easy 30% medium 20% hard**
- ☐ **Multiple Choice Questions**
- ☐ **Independent Of Any Programming Language**
- ☐ **Understanding of aptitude topics , solving speed will be tested**

Sample Questions :

1. A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work that is left is :
2. If selling price is doubled, the profit triples. Find the profit percent.

Round 2 : : Pseudo Maze

Brilliant Mind : An Opening door to the next round of opportunities!

● Puzzles + Pseudocodes

- ⤴ **Duration : 50 minutes**
- ⤴ **No Of Questions : 25 , 15 (Puzzles) +10(Pseudocodes)**

- ☐ **50 % easy 30% medium 20% hard**
- ☐ **Multiple Choice Questions**
- ☐ **Independent Of Any Programming Language**
- ☐ **Question Form : Logic & IQ Based , Brainstorming Puzzles**
- ☐ **Problem understanding , logic & IQ will be tested**

Sample Questions :

1. What seven-letter word has hundreds of letters in it?

✓ Mailbox

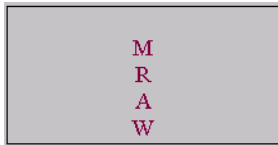
2. Can you spot what is wrong with the following sentence?

PETER WAS ANGRY AT
HIMSELF
BECAUSE HE
ACCIDENTALLY
LEFT THE
THE KEYS TO HIS
CAR AT HIS
FRIEND'S HOUSE.

3. In a bouquet of flowers, all but two are roses, all but two are tulips, and all but two are daisies. How many flowers are in the bouquet?

✓ 3

4. What does This Rebus Riddle Identify ?



✓ WARM UP

5. What will be the output of the following pseudocode

,if a=10 and b=6?

Integer fun(Integer a, Integer b)

Integer fun(Integer a, Integer b)

Integer temp

while(b)

temp=a MOD b

a=b

b=temp

End

while

return a

End fun()

Round 3 : Code Jumanji

Showcase your coding prowess and seize victory in this Code Venture

- **Coding**

- ⤴ **Duration : 60 minutes**

- ⤴ **No Of Questions : 6**

- ⤴ **POP Cards : C / PYTHON**

- ⤴ **OOP Cards : C++ / JAVA**

- ☐ **POP participants will use languages only from C / Python**
- ☐ **OOP participants will use languages only from C++ / Java**
- ☐ **For python use of inbuilt functions is prohibited**
- ☐ **Knowledge of coding , problem solving approach will be tested**