

CODE TANTRA DAILY CHALLENGE	
Daily Challenge (July - Week 05) (Number Systems)	28-07-2025 to 01-08-2025
Languages: Java, C, C++	
Test Name:	KPRIET_CSE_PT_D2
Date & Time:	28 July 2025, 18.00 to 28 July 2025, 23:59
Groups:	2023-2027-CSE-A, 2023-2027-CSE-B 2024-2028-CSE-A, 2024-2028-CSE-B,
Test Duration:	120
Total Marks:	50
Question: Narrative way question on	
1. “Left triangle with * Pattern”	2 “Right Triangle with Number Pattern”
<pre> * </pre>	<pre> 1 1 2 1 2 3 1 2 3 4 1 2 3 4 5 1 2 3 4 5 6 1 2 3 4 5 6 7 </pre>
Test Name:	KPRIET_CSE_PT_D2
Date & Time:	29 July 2025, 18.00 to 29 July 2025, 23:59
Groups:	2023-2027-CSE-A, 2023-2027-CSE-B 2024-2028-CSE-A, 2024-2028-CSE-B,
Test Duration:	120
Total Marks:	50
Question: Narrative way question on	
1. “Full Pyramid with Characters”	2.“Diamond pattern with Numbers”
<pre> A AB ABC ABCD ABCDE ABCDEF ABCDEFG </pre>	<pre> 1 1 2 1 2 3 1 2 3 4 1 2 3 4 5 1 2 3 4 5 6 1 2 3 4 5 6 7 1 2 3 4 5 6 1 2 3 4 5 1 2 3 4 1 2 3 1 2 1 </pre>

Test Name: KPRIET_CSE_PT_D2
Date & Time: 30 July 2025, 18.00 to 30 July 2025, 23:59
Groups: 2023-2027-CSE-A, 2023-2027-CSE-B
2024-2028-CSE-A, 2024-2028-CSE-B,
Test Duration: 120
Total Marks: 50

Question: Narrative way question on

1. “Half Diamond Printing using Numbers”: Left

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4 5 6
1 2 3 4 5 6 7
1 2 3 4 5 6
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
```

1. Half Diamond Printing using Characters”: Right

```

A
AB
ABC
ABCD
ABCDE
ABCDEF
ABCDEFG
ABCDEF
ABCDE
ABCD
ABC
AB
A
```

Test Name: KPRIET_CSE_PT_D2
Date & Time: 31 July 2025, 18.00 to 31 July 2025, 23:59
Groups: 2023-2027-CSE-A, 2023-2027-CSE-B
2024-2028-CSE-A, 2024-2028-CSE-B,

Test Duration: 120
Total Marks: 50

Question: Narrative way question on

1.Palindromic Pyramid pattern

```
1
121
12321
1234321
123454321
```

2. Hollow Square Pattern”

```
* * * * *
*       *
*       *
*       *
*       *
* * * * *
```

Test Name: KPRIET_CSE_PT_D2
Date & Time: 01 August 2025, 18.00 to 01 August 2025, 23:59
Groups: 2023-2027-CSE-A, 2023-2027-CSE-B
2024-2028-CSE-A, 2024-2028-CSE-B,

Test Duration: 120

Total Marks: 50

Question: Narrative way question on

1. Pascal Triangle Patterns

```
      1
     1 1
    1 2 1
   1 3 3 1
  1 4 6 4 1
 1 5 10 10 5 1
```

1. Hour Glass Pattern"

```
1 2 3 4 5 6 7
 2 3 4 5 6 7
   3 4 5 6 7
    4 5 6 7
     5 6 7
      6 7
       7
      6 7
     5 6 7
    4 5 6 7
   3 4 5 6 7
  2 3 4 5 6 7
 1 2 3 4 5 6 7
```



In charge



HOD