

## Star Pattern

Ques 1:

n = 5

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

Ques 2:

n = 5

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

Ques 3:

n = 5

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

Ques 4:

n = 5

```

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

Ques 5:

n = 5

```

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

Ques 6:

n = 5

```

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

Ques 7:

n = 5

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

Ques 8:

n = 5

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

Ques 9:

n = 5

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

Ques 10:

n = 5

```

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

Ques 11:

n = 5

```

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

Ques 12:

n = 5

```

          *
        *   !   *
      *   !   *   !   *
    *   !   *   !   *   !   *
  *   !   *   !   *   !   *   !   *
*   !   *   !   *   !   *   !   *
  
```

Ques 13:

n = 5

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

Ques 14:

n = 5

```

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

Ques 15:

n = 5

```

*   *   *   *   *
      *   *   *   *
          *   *   *
              *   *
                  *   *
                      *
                          *
                              *
                                  *
                                      *
                                          *
                                              *
                                                  *
                                                      *
                                                          *

```

Ques 16:

n = 5

```

          *   *   *   *   *
        *   *   *   *
      *   *   *
    *   *
  *
*   *   *
  *   *   *
    *   *   *
      *   *   *
        *   *   *
          *   *   *

```

Ques 17:

n = 7

```

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

Ques 18:  
n = 7

```

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

Ques 19:  
n = 7

```

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

Ques 20:

n = 7

```

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

Ques 21:

n = 5

```

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

Ques 22:

n = 5

```

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



## Number Pattern

Ques 23:

n = 5

```

      1
    1 1 1
  1 1 1 1 1
1 1 1 1 1 1 1 1
  
```

Ques 24:

n = 5

```

      1
    2 2 2
  3 3 3 3
4 4 4 4 4
5 5 5 5 5 5 5
  
```

Ques 25:

n = 5

```

      1
    2 3 4
  5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25
  
```

Ques 26:

n = 5

```

          1
        1 2 3
      1 2 3 4 5
    1 2 3 4 5 6 7
  1 2 3 4 5 6 7 8 9
  
```

Ques 27:

n = 5

```

          1
        1 2 1
      1 2 3 2 1
    1 2 3 4 3 2 1
  1 2 3 4 5 4 3 2 1
  
```

Ques 28:

n = 5

```

          1
        2 3 2
      3 4 5 4 3
    4 5 6 7 6 5 4
  5 6 7 8 9 8 7 6 5
  
```

Ques 29:

n = 5

```

          1
        2 0 2
      3 0 0 0 3
    4 0 0 0 0 0 4
  5 0 0 0 0 0 0 0 5
  
```

Ques 30:

n = 5

```

5 4 3 2 1
5 4 3 2 1
5 4 3 2 1
5 4 3 2 1
5 4 3 2 1
  
```

Ques 31:

n = 5

```

5 4 3 2 *
5 4 3 * 1
5 4 * 2 1
5 * 3 2 1
* 4 3 2 1
  
```

Ques 32:

n = 5

```

1
2  *  2
3  *  3  *  3
4  *  4  *  4  *  4
5  *  5  *  5  *  5  *  5
4  *  4  *  4  *  4
3  *  3  *  3
2  *  2
1
  
```

Ques 33:

n = 10

```

          0
        9 0 9
      8 9 0 9 8
    7 8 9 0 9 8 7
  6 7 8 9 0 9 8 7 6
5 6 7 8 9 0 9 8 7 6 5
4 5 6 7 8 9 0 9 8 7 6 5 4
3 4 5 6 7 8 9 0 9 8 7 6 5 4 3
2 3 4 5 6 7 8 9 0 9 8 7 6 5 4 3 2
1 2 3 4 5 6 7 8 9 0 9 8 7 6 5 4 3 2 1
  
```