

Department of Computer Applications
PESU
MCA III Sem
Python Programming

Assignment 3

1. Write programs for the following patterns

a.
1
22
333
4444
55555
666666
7777777
88888888
999999999

b.
*
* *
* * *
* * * *
* * * * *

c.
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15

d.
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5

e.
*
* * *
* * * * *
* * * * * * *
* * * * * * * *

f.
A
B C
D E F
G H I J
K L M N O

g.
A
B B
C C C
D D D D
E E E E E

h.
* * * * *
* * * *
* * *
* *
*

i.
1
3 2
6 5 4
10 9 8 7

j.
* * * * *
* * * *
* * *
* *
*

k.
1
21
321
4321
54321

l.
5
54
543
5432
54321

m.
55555
4444
333
22
1

n.
12345
2345
345
45
5

o.
1
22
333
4444
55555

p.
1
21
321
4321
54321

q.
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5

r.
5 4 3 2 1
5 4 3 2
5 4 3
5 4
5

s.
5 4 3 2 1
4 3 2 1
3 2 1
2 1
1