Question 2

A B C DE F G

n = 4

B C D E F G A

n = 3

C D E F G A B

n = 2

D E F G A B C

n = 1

E F G A B C D

n = 0

**Hence the answer to question 2 is (c)**

Question 5

Output after first call to method dump()

MAX\_QUEUE\_SIZE = 4

Front = 2

Rear = 1

Elems[0] = 5

Elems[1] = 6

Elems[2] = 3

Elems[3] = 4

Output after second call to method dump()

MAX\_QUEUE\_SIZE = 4

Front = 0

Rear = -1

Elems[0] = null

Elems[1] = null

Elems[2] = null

Elems[3] = null