Right Linear Grammar for Designed Vending machine

S ➜ aA   (S: Standby / A: Show Menu)

S ➜ bZ   (Z: Resupply)

Z ➜ aS

A ➜ aB   (B: Order)

B ➜ aC   (C: Order Product1)

C ➜ aH   (H: Enter Quantity)

B ➜ bD   (D: Order Product2)

D ➜ bH

B ➜ cE   (E: Order Product3)

E ➜ cH

B ➜ dF   (F: Order Product4)

F ➜ dH

B ➜ eG   (G: Order Product5)

G ➜ eH

H ➜ dK   (K: Clear Cart)

K ➜ fA

H ➜ aI   (I: Check)

I ➜ dK

I ➜ aJ   (J: Confirm Order)

J ➜ bB

J ➜ dK

J ➜ aL   (L: Show Cart)

L ➜ dK

L ➜ bB

L ➜ aP

P ➜ eM   (M: Payment Failed)

M ➜ dK

P ➜ eN   (N: Payment Successful)

N ➜ aQ   (Q: Reduce Quantity)

Q ➜ aW   (W: Eject Product)

W ➜ aS

Right Linear Grammar for Designed Vending machine

S#aA

S#λ

S#bZ

Z#aS

A#aB

B#aC

C#aH

B#bD

D#bH

B#cE

E#cH

B#dF

F#dH

B#eG

G#eH

H#dK

K#fA

H#aI

I#dK

I#aJ

J#bB

J#dK

J#aL

L#dK

L#bB

L#aP

P#eM

M#dK

P#eN

N#aQ

Q#aW

W#aS