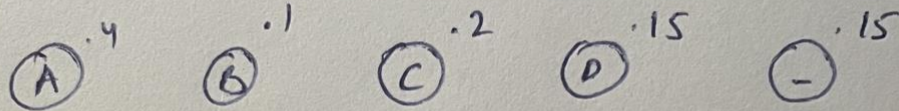


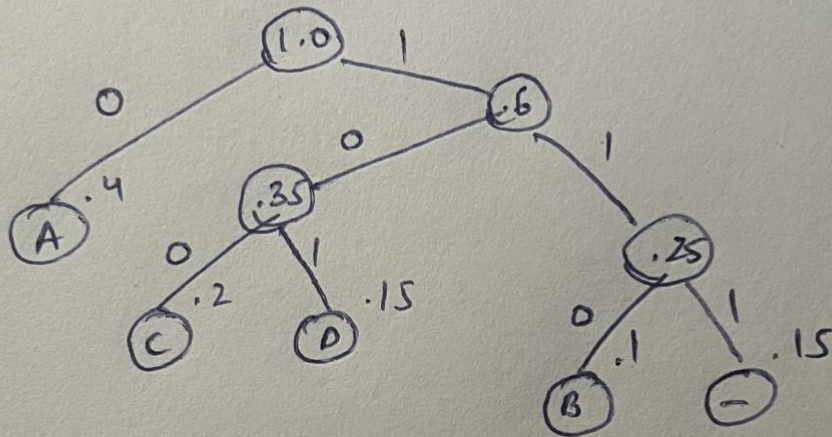
① Symbol
Frequency

Symbol	A	B	C	D	-
Frequency	0.4	0.1	0.2	0.15	0.15

Step 1



Step 2



A	0	$1 \times .4$
B	110	$3 \times .1$
C	100	$3 \times .2$
D	101	$3 \times .15$
-	111	$3 \times .15$

$$0.4 + 0.3 + 0.6 + 0.45 + 0.45 = 2.2$$

② A B A C A B A D

0 110 0 100 0 110 0 101

③ 1000 10111001010

C A D B A D A