Q7. Write a R program to concatenate two given factors.

Program:-

blood\_gr<-c("O","AB","A","O","A","B","B")

blood\_gr

blood\_factor<-factor(blood\_gr)

blood\_factor

str(blood\_factor)

factor2<-factor(blood\_factor,levels=c("O","B","A","AB"))

factor2

str(factor2)

levels(blood\_factor) <- c("A\_Gr","AB\_Gr","B\_Gr","O\_Gr")

blood\_factor

New\_order<-factor(blood\_factor,ordered=TRUE,levels("O","B","A","AB")

New\_order

Output:-

> blood\_gr<-c("O","AB","A","O","A","B","B")

> blood\_gr

[1] "O" "AB" "A" "O" "A" "B" "B"

> blood\_factor<-factor(blood\_gr)

> blood\_factor

[1] O AB A O A B B

Levels: A AB B O

> str(blood\_factor)

Factor w/ 4 levels "A","AB","B","O": 4 2 1 4 1 3 3

> factor2<-factor(blood\_factor,levels=c("O","B","A","AB"))

> factor2

[1] O AB A O A B B

Levels: O B A AB

> str(factor2)

Factor w/ 4 levels "O","B","A","AB": 1 4 3 1 3 2 2

> levels(blood\_factor) <- c("A\_Gr","AB\_Gr","B\_Gr","O\_Gr")

> blood\_factor

[1] O\_Gr AB\_Gr A\_Gr O\_Gr A\_Gr B\_Gr B\_Gr

Levels: A\_Gr AB\_Gr B\_Gr O\_Gr

> New\_order<-factor(blood\_factor,ordered=TRUE,levels("O","B","A","AB")