Coding:

```
options(scipen = 20)  #Forcing the program to not use scientific notations

set.seed(277)  #Set seed for the randomization as the last 3 digits of my ID to make it unique from my friends

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solve question (6-Q10 by using R built-in functions: dnorm(), gnorm(), ...

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```

Results:

```
> q6(1, 300, 240)

[1] 0.449329

> q7(2, 3, 0.8)

[1] 0.0272

> q8(1/6, 3)

[1] 0.3934693

> q9(7000, 600, 5800)

[1] 0.02275013

> q10(0.5, 1, 10)

[1] 0.0357267
```

Conclusion:

Here, I used the pweibull, pbeta, pexp, pnorm and plnorm to calculate the result from quiz5 q6-q10. The answers I got were the same as the results from calculating by hand.