Clues on to solve the Mock Exam

Q1. All is about correlation

1. Q14 and Q 1 are ordinal variables. So we use Spearman correlation without assumptions.
2. Both variables are scale. We need to test assumptions of normality and linearity. Bu assumptions are violated. We use Spearman.
3. Q4 is ordinal, we use Spearman without assumptions.
4. Same as C.

Q2. This is simple linear regression. DV is Location and facilities, IV is Regular Banking services.

Q3. First option is one way ANOVA. We need to test normality. If Ok, we procced with ANOVA, if not we use Kruskal Wallis.

Q4. The question assume the DV is normally distributed according to the level of bank remondation.

1. As long as it is normally distributed, the we go with ANOVA. DV is Location and Facilities, IV is Length of service. I think here homogeneity of variance is violated. Then you need to go for Kruskal Wallis test.
2. This is a straight application of the independent samples t test. You have to chose the two groups from the five categories of the variable (check the coding as per the values on the Variable View sheet).

Q5. Normality of the variable is assumed to be violated. Then we should use non-parametric techniques for both a and b.

1. Kruskal Wallis test
2. Mann-Whitney U Test.