(1a) False:

s/σ is <u>not a</u> statistic because it relys on an unknown parameter. It is not a function only of the sample.

b) True — $\hat{p}$ is an unbiased estimate of p.

c) False — this is not how to interpret confidence interval.

d) True — this is how should interpret the CI.

e) True

f) false — the hypothesis testing only provides evidence we can reject null hypothesis but does not provide evidence for the alternative.

g) True

h) True