CONFIDENCE INTERVAL

STEP 1:	: CHOOSE											
[☐ Essentially o	correct (E) if										
	-	appropriate cor	nfidence interva	l is identified by	/ name							
		meters are defin		•								
		stics are stated										
Г	_	rrect (P) if only	two of the abov	e are correct								
ר	Incorrect (I)		two of the abov	e are correct								
		otherwise.										
STEP 2	: СНЕСК											
_		correct (E) if the	e following cond	ditions are chec	kad							
	☐ Rand		e lottowing cont	aitions are thet	Red							
	_	pendence										
		•	4-1									
_		nal (Large Coun		J:4:		l ala a al ca al						
L	Partially correct (P) if two of the three conditions are correctly stated and checked											
L	☐ Incorrect (I)	otherwise.										
CTOD 2	: Calculate											
21CL 2	_											
L	☐ Essentially correct (E) if											
	The general formula is shown (with variables)											
	Numbers are plugged in to the specific formula											
_		correct interval										
[Partially con	rrect (P) two of	the three above	e steps are corre	ect							
	☐ Incorrect (I)	otherwise.										
SIEP 4	: conclude											
L		correct (E) if the										
		prets the interv										
	☐ Inter	pretation includ	des the confide	nce level								
	Indicates direction of relationship between the groups											
	☐ States the confidence interval is the estimate for the TRUE proportion											
	☐ Partially correct (P) if it's not quite correct for any of the following reasons or others:											
	☐ A confidence interval is interpreted, but is the incorrect one											
	An incorrect conclusion is given											
	States the confidence interval is the estimate for the sample											
	☐ Not in context											
Γ	☐ Incorrect (I)											
4	3.5	3 Cultatantial	2.5	2	1.5	1	0/0.5					
nnlete	Substantial+	Substantial	Developing	Developing	Minimal	Minimal	Insufficient					

4	3.5	3	2.5	2	1.5	1	0/0.5
Complete	Substantial+	Substantial	Developing	Developing	Minimal	Minimal	Insufficient
Response	Response	Response	Response	Response	Response	Response	Evidence
5	4.9	4.8	4.3	3.8	3.3	2.5	0

E = 1 point

 $P = \frac{1}{2}$ points

I = 0 points

HYPOTHESIS TEST

iden Part the a	entially correct tifies and define Test proced formula) Parameters Statistics Hypotheses cially correct (Pabove are correct prect (I) if the recriteria for E or F	es the correct ure (by name or) if only two or t ct esponse does no	by chree of	STEP 2: CHECK Essentially correct (E) if the response correctly checks the following conditions Random condition Independence condition Normality condition using \hat{p}_c Partially correct (P) if the response checks only two of the three conditions Incorrect (I) otherwise.					
STEP 3: Calculate Essentially correct (E) if the response correctly calculates the Draws, labels, and shades the appropriate normal curve Test statistic p-value Partially correct (P) if any of the following are true Does two of the three above items correctly Incorrect (I) if the response fails to meet the criteria for E or P.									
STEP 4: CONCLUDE Essentially correct (E) if the response Provides a correct and complete conclusion with regards to the null hypothesis Has justification based on linkage between the p-value and the given α = 0.05 This conclusion is in context Partially correct (P) if the response provides a correct conclusion, with linkage to the p-value, but not in context; OR if the response provides a correct conclusion in context, but without justification based on linkage to the p-value. Incorrect (I) if the response does not meet the criteria for E or P.									
4 Complete	3.5 Substantial+	3 Substantial	2.5 Developing	2 Developing	1.5 Minimal	1 Minimal	0/0.5 Insufficient		

4	3.5	3	2.5	2	1.5	1	0/0.5
Complete	Substantial+	Substantial	Developing	Developing	Minimal	Minimal	Insufficient
Response	Response	Response	Response	Response	Response	Response	Evidence
5	4.9	4.8	4.3	3.8	3.3	2.5	0

E = 1 point P = ½ points I = 0 points