TKKD 2 7 7 - 4 40,5-40 = 1.965
$\frac{16 \times 10^{-2} \cdot 7 - 4}{6 \times 10^{-2}} = \frac{40.5 - 40}{1.25 / \sqrt{10}} = 1.265$
GTOOKO: Z & Zarar = 20,950 = 206 1,645
With the Pin Y's will and 40.
P=value = 1-P(7 < 1, 265) = 1-0, 092 = 0, 103
2 > 34 D : h = 12 , 6 = 60.
(Ho: H=3500 ox riem tid 2 chieu: 2=0,01
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
$\frac{1.15\text{Cr.J.}}{6/\sqrt{n}} \frac{7 - x - 11}{60/\sqrt{12}} = \frac{3450 - 3500}{60/\sqrt{12}} = \frac{2,987}{60/\sqrt{12}}$
G.T. QB.KD: 121 > = 7 01905 = 2,506.
Trung binh the ben \$ 1500.
.b. Mika ý nghĩa nhỏ nhất p- value = 2(1- l(7.51-2,881))= 2(1-0,998) = 0,004 (0,01
of the state of the
Chang fin cay:
$\frac{E_{-}}{\sqrt{R}} = \frac{2}{1-212} \frac{2}{1-212} \frac{6}{12} = \frac{2}{12} \frac{536.60}{12} = \frac{44}{12} \frac{618}{12}$
x-6646=16
$\bar{x} = \xi < \mu \leq \bar{x} + \xi = 34.05, 382 < \mu \leq 3494, 618$ $9.18 : \bar{x} = 10^2, 2; 6 = 464; n = 8.$
A)H: 4=100
a. H. : 4=100 x50 Kiem tinh A phia:0=0,05.
$TKRD: 7 = x - 4 - 40^2/2 - 100 A FFG$
$7KKD: 7 = \bar{x} - 4 = 40^2/2 - 100 = 4.556$
GTOPKO: 12 7) -2 20,95 = -1,645.
2) Chila atú co só de bac bo H.
=1. Val: TB co the = 100 b. p-value = P(Z < 1, 556) = 0,94
a.) H.: 11= 98.6 Cim dinh 2 phia: x=0,05.
He: 1 + 98,6
TKO: T = 2-6 - 98,2641-99.6 - 284
TKP: T = \frac{2-10}{5\sqrt{1}} = \frac{98.6}{5\sqrt{15}} = 2.70
GTOACA: T > + 4/2; N=1 = 10,015; 24 = 2,064
74, 11-1 0,015, 24 27, 22.1.

Ho. p. 03. Krem dirik 12hi2u P. 10 = 0,02; n = 500; p=0,03; d=0.05. Ho. p. 0,03 Krem dirik 12hi2u P. 500 500,02 (1-0,02) = 3,13.
Ha: Q < 0,03 Kiem dink 12020 35-1500.0,02 (1-0,02) = 3,13.
TKKD: 7- nf- nf0 - 500.0102 - 500.0103 = -1,51
1 Λρ. (1-P1) 1 500. 8,03 (1-0,03)
GTOOKA: 7 > - 2, 20,95 = -1,64
=) XS thanh phần bị loại bố có thể = 0,03
P-value = P(7 <-1,31) - 0,095
5.4)
Ho: p=0,08 d=0,01; f=0,82f; n=350; Po=0,08; d=0,01.
1. 1. p. > a, 38
TKG: 2- nf-nfo 350.0,826 - 350.0,88 2.07
$\sqrt{190} \cdot \sqrt{350} \cdot \sqrt{350} \cdot \sqrt{100}$
GTGAKO: 470 Z < 2, 2 - Zoigg 2, 326.
=> K6 dy co so de bal bal Ho
-value = 1-P[2< 2,012)= 0,019.
9.48
a.). Hb.: $\rho = 0.05$ $d = 0.065$; $h = 200$; $h = 200$; $h = 3.486$.
1. PA 0,05
TICKD. 7- nf-np. 13-200.0,05 - 0,923.

GTQ+1+0: [2] ' < 2, = 1,96
=> Kody cd sd ba'c hotto
p -value = $2(1-1(7 \le 0.9) = 2(1-0.835) = 0.33.$
GTQ+ kf. $[Z] < \frac{1}{2} = 1,96$ =) Kody cd Sd bak both, p-value = $2(1-1)(2 \le 0,9 + 3) = 2(1-0,835) = 0,33$ b. $E = \frac{21-212 \cdot 5}{10} = \frac{1,96 \cdot 3,8486}{100} = 0,634$
₩h 1/2001
=) f-E < p < f + E =, 0, 034 < p < 0, 00, 99
9.49
a-2-40: p < 0,02 d=0,05: f=0,024; n=250; S= \(\overline{6} \) (1-0,024) = 2,42
1. p. 2. 0, 0, 2
TKY D: $2 - \frac{nf - nf_0}{\sqrt{np_0 \left(1 - p_0\right)}} = \frac{250 \cdot 0.024 - 250 \cdot 0.02}{\sqrt{250} \cdot 0.02 \left(1 - 0.02\right)} = 0,452$
$\forall n \beta \cdot (1-\beta \cdot)' \sqrt{250} \cdot 0.02 (1-0.02)$
GTOAKA: Z < 7, 2 = 1,645 17, 7, 42 = 1,96
=) Ko dy dk bok be Ho = 2 fa dk
b. E = 11-012.5 = 1,96.2,42 = 0,02 => f-E < M < f+ E = 1 0,004 < MSU,044
230

©. 9 D
H4. R + 0.5
a. TKKB = 484.0,242-484.0,5 = 11,352 = 2.
V484.0,5(4-0,0)
GTQAKA: 12 / > 2, 272 = 20,935 = 1,96
=) Boc be H
=2 K phi hdp
P-Kalue = 9(1- 1(7< 11.352))=0
b. £ = 1,96.9,42 = 0,038.
484 -) 0,462 5 p. 5 0,538.
9.51 2-0.05
4.0561
VEO. 0,1 (1-0,1)
√200.0,1 (1-0,1)
GTOPKA 2 < 7, 2 = 165
= 2Ko du' Dx by 6 b Ho
= 1 4 ng 13
btongy = 1,96
$\mathcal{L} = \frac{1.96 \cdot 3.131}{200} = 0.038$
200
9.52.
1 +6: p < 0.002 f = 3.10 ⁻³ ; n = 5000;
4a: P) 0,002
TKKP-2.5000.3.10-3-5000.0,002 1,583
TKKP-2-5000-3-10 ⁻³ -5000.0,002 1,583
GTODICA: 7 < 2 57 2 5 2 326
= 1 K° du' cd B ba'c sof Ho
=> Truyền bế đưng.
= 1 K° du' cd 2 ba'c sate Ho =) Tuyên bê dung.
$H_{a}: \rho \leq 0$, 1
TK ta = 7 - 85.0, 118-85-011 - 0,55
Grapka: 7 > -2,99 = -2,326 =) K° du' co y do bi Ho