Brew othern Bt 5  $Bai 1.1 \rightarrow \begin{cases} (a): 1 d \\ (b): 1 d \\ (c): 1 d \end{cases}$ 17 Bai 1.2: Bai 1.3: (a): 1+; (b): 2+ Bai 1.9: 2 t Bai 1-6: 1t (tap an trang cuòi) 8 in 1.9: 2 t Bai 1.12: (a):24; (b):24 Bai 1.13 (a): 2t; (b): 1t Cac bai: 1.5, 1.7, 1.8, 1.10, 1.11, moi bai othère 1 d. Caé bai nay litery có tap an, trường nhom từ châm theo ý của minh.

Dap an baitap SE'S a) Trung binh mau:  $\pi = (20+21+21+19+20+19+21+19)/8$ = 20 mm (kick thuri mais: n = 8) philip Sai:  $S^2 = 0,85714 \text{ (mm}^2\text{)}$ De lech duan:  $S = \sqrt{S^2} = 0,92582 (mm)$ b) n = 15;  $\bar{\chi} = 144,6667$ ;  $S^2 = 80,52381$ ; S = 8,973506  $C_1$   $N = 20^{1}, \overline{\chi} = 1,355; s^2 = 0,0184; S = 0,1356$ Bai 1-2, leich thuir mais: n = \( \frac{8}{1=1} \)  $\bar{\alpha} = \frac{1}{n} \sum_{i=1}^{8} 9i \, n_i^* = \frac{1}{116} (21 \times 10 + 24 \times 11 + 26 \times 13 + \dots + 33 \times 12)$ = 19138 28,16379  $S^2 = 11.8599 = 7 S = 3,4438$ a, kich thười mây n = 167 71 = 1 (1010 × 3 + 1030 × 4 + 1050 × 7 4 +

+ 1190 x 2) = 1105,6886 (grd)

(B+5.1)

 $S^2 = \frac{1}{166} \left[ (1010 - \pi)^2 \times 3 + (1030 - \pi)^2 \times 4 + (1050 - \pi)^2 \right]$ Philip Sai : Do lech dwan:  $S = \sqrt{S^2} = 35,5419 (97)$ b, khoay vice luby la  $[\bar{\chi} - k, \bar{\chi} + k]$  voi  $k = U_{\beta} \cdot \frac{\sigma}{\sqrt{n}}$  ,  $\sigma = 130$  , n = 167 $\phi(u_{\beta}) = 1 - \beta = 1 - \frac{1 - \delta}{2} = \frac{1 + \delta}{2} = 97,5\%$ Bay A8 > UB = 1,960 (Con Je lay hiers la Ud/2 trong grao trinh)  $=) k = 1,960 \cdot \frac{130}{\sqrt{167}} = 19,717$ Vay, khoay vir lury la [7-19,717, 7+19,717] Dap Sé: [1085,9716; 1125,4056] (grd) Bai 1.4, n=6, \(\frac{1}{2} = 40,667\) UB = 1,96) k = 43 = 3,2007; khoay udé ludy cho Lung bird lā [37,466; 43,867]. Bai 1.9, n=6,  $\bar{\eta} = 9533,333$ , bac to do: n-1=5,  $t_{B} = \frac{2}{4,03} (Ban_{A}^{A9}) (C = t_{B} \frac{S}{m}) (S = 222,8602)$ =7  $k = \frac{237}{4,03} \times \frac{222,8602}{\sqrt{6}} = \frac{366,659}{478-325} (N/m^2);$ Uchoan ald luly [9355,008; 974,659]. (N/m²)
(BH) (B+5-2)

Bai 1.12, a) Da brét 5 = 0,02 (gram) h= 43, 7 = 19,4442) UB = 1,96 (Bag A8) k = UB = 1, 1956 khoang voi luing cho truy binh: [18,249; 20,6398] b) Chura biết 5. Bão trị do n-1 = 42. Dr. lèch chuẩn: S = 0,2015 Y = 95% => tp = 2.70 (bang A9), bar to do stung cot 40)  $l = f_{\beta} \cdot \frac{S}{m} = 2.70 \times \frac{0,2015}{\sqrt{43}} = 0,08299$ Choang de ludry [19.3612; 19.5272] Bai 1.13) a) n = 40, baic to do: n-1=39; 7 = 18.025 (cm); S=0.6597cm; F(tB)=1-B=0,95 -> tB=1.68(bang A9, cot 40)  $\rightarrow k = f_{B} \frac{S}{\sqrt{n}} = 0.1752$ . | thoony war ludges [17.850; 18.200] cm. b)  $2k = 2t_{\beta} \frac{s}{m} \le \epsilon \Rightarrow m = m \frac{2t_{\beta}s}{\epsilon} \Rightarrow n \frac{2t_{\beta}s}{\epsilon}^2 = m \frac{2t_{\beta}s}{\epsilon} \Rightarrow n \frac{2t_{\beta}s$  $= \left(\frac{2 \times 1.68 \times 0.6597}{2}\right)^{2} = 491.3 = n / 492.$ Vay, can lay it nhất 492 cây. (B+5.3)

Vay bids thười màus là n = 4.

(H 5.4)