VOTING PROCEDURES QUESTIONS FROM TUTORIAL JUNE 8th

| TOPIC | + + + | RE | BABILIT | Y (Vot | NETROC | esures) | - | | | |
|---|---|-------|--|------------------|-----------------|--|------------|--|--|--|
| Pordo's | Compute the work. | he wi | nner of the election | on using each of | the methods pro | ovided. Show your | - 1 | | | |
| 0. | Votes | - | 44 | - | | | | | | |
| | 1s choice | 3 | A | 30 C | 52 B | 21 C | 10000 | | | |
| | 2nd choice | 1 | В | A | A | B | | | | |
| | 3rd choice | 0 | C | В | C | 1 | 7 | | | |
| Majorty | | | | | | | 1 | | | |
| | | | | | | | | | | |
| Plurality | | | | | _ | | 2 | | | |
| I will the many | Winner by | plura | lity ballot: A | | es / | Company of the Company | 1 | | | |
| MOST 10 | , | | | has be vo | Hes C | Buins with 527 | A | | | |
| Borda's | Bovela's Winner by Borda's method: Chas 30+21 = 51 vots | | | | | | | | | |
| Values to | 0. 0/100 | | | | | | | | | |
| 151 2 m 50 1. 0 (44) + 1 (30+52) + 0 (21) = 170 | | | | | | | | | | |
| B. 2 (44+21) + 0 (30) = 169 - | | | | | | | | | | |
| | C: | 1 | (| | | | | | | |
| Conducted's | | 0 | (30+21) + | - 1 (| 0)+ | O (4++52) = 107 | | | | |
| Winner by Condorcet's criterion: | | | | | | | | | | |
| AS C | ANS 6 1158 H - 44+30-74 B 52+21=73 A wins | | | | | | | | | |
| BASC. | 1 44+52 10 C 30+2(=5) 1 Coms | | | | | | | | | |
| BVIC 6 44+52-96 C: 30121=51 BVINS (#15+14) | | | | | | | | | | |
| | | | | | | | | | | |
| Eliminator | Winnerho | alimi | nation method: | | | | | | | |
| Gerndof | winner by | | nas 44 | 4-Ah | as the le | east so they are | | | | |
| personal | d | | hay 52 | etic | minated | If you look in | | | | |
| Lotes and Or | W | | has 51 | the ! | xx below | the first place A, and choice was | | | | |
| SHOW WERL | 10 | - | nas 51 | those | openie's | and characters | | | | |
| 2nd plad. | | | | BO | Route- | three IIII was | | | | |
| | | | | 3 | o ges | those 44 votes. | | | | |
| | Brw | ha | 52+44= 0 | 21. | | | | | | |
| | Chas | | | 10 4 | | - | | | | |
| | Chas | - | 31 | | B | wins) | - | | | |
| | | | | | 6 | ~~ | ma | | | |
| | | | | | | | How | | | |
| | | | | | | | CST-500 | | | |
| 30 | | | | | | | 136 | | | |
| | | - | A CONTRACTOR OF THE PARTY OF TH | | | THE RESERVE OF THE PARTY OF THE | - Property | | | |

TOPIC 4: PROBABILITY (VOTING PROCEDURES)

Compute the winner of the election using each of the methods provided. Show your

work Total Votes: 23+18+17+12:70

| Votes | 23 | 18 | 17 | 12 |
|--------------|----|----|-------|----|
| 1schoice 3 | A | G | 35. 7 | C |
| 2nd choice 1 | B | ٨ | A 4 | B |
| 3rd choice O | C | B | C | ٨ |

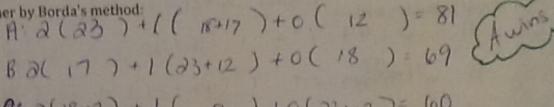
No majorty

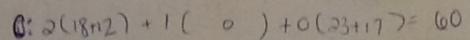
Chas 18+12-30.

Winner by plurality ballot; ost 1" place

Coundwith 30 1st place votes

ceites for





Avs B: A: 33+18-41 B. 17+12-29 A

versus

AVSC: A: 23+ 17= 40 C:18+12=30

BUSC: B 23+17-40 C. 18+12:30

Elimination Winner by elimination method:

GRINDOF Dali's tomo A has 23

Bhas 17

C has 30

-B has the lowest so they are eliminated.
Votes go to A because those
17 voted A as their

and choice.

A now has 23+17= 40

C still has 30

