## Question 20

Refer to the ternary graph to answer Questions 19-20.

## Percentage of Population by Ethnicity - selected cities in New York State (2005)



Source: US Census Bureau

In which city was the population 42\% African-American, 13\% Hispanic and 45\% White?

A $\times$ Buffalo
B $\times$ Syracuse
C $\wedge$ Rochester
D $\times$ New York

HSC Statistics on this Question:


Band 1/2 Band 2/3 Band 3/4 Band 4/5 Band 5/6

| A 14\% | $10 \%$ | $6 \%$ | $0 \%$ | $1 \%$ |
| :--- | :--- | :--- | :--- | :--- |
| B 14\% | $10 \%$ | $2 \%$ | $3 \%$ | $3 \%$ |
| C 30\% | $41 \%$ | $58 \%$ | $80 \%$ | $92 \%$ |
| D 42\% | $39 \%$ | $34 \%$ | $16 \%$ | $5 \%$ |
| N 0\% | $0 \%$ | $0 \%$ | $0 \%$ | $0 \%$ |

The table and graph show, for the groups of students whose marks in the examination corresponded to the borderline between two bands, what percentages of each group selected the responses $A, B, C$ and $D . N$ is used to identify: No valid response.

