- D) consider the pattern p= a5 p= a ba construct the table and corresponding labeled directed graph used in the fast pattern matching algorithm (1)
- 2) consider the pattern P=aba²b. construct the table and corresponding labeled directed graph used in the 'fast' pattern matching algorithm. (4)
- 3(1) Suppose T=bbbaaabaa. Now using the characters of T and the graph (on table) in problem (1), obtain the pattern P. and also # find out the index no. (4)
- 3.6) Repeat problem 3.(a) for the text T=aaabccabb (4)
- 4-(a) Suppose T=abbabaabb. NOW using the characters of T and the graph (on table) in problem (2), obtain the pattern P. and also find out the index no. (1)
- 4.(b) Repeat problem 4 (b) for the text T=abaabbabaa (j)

 a2b2cbc

 consider the pattern P= abaabaabe construct the table.
- 5. consider the pattern P = directed graph used in the able and corresponding labeled directed graph used in the 'fast' pattern matching algorithm.
- 6. consider the pattern $P = a^3bc^2$ construct the table and corresponding labeled directed graph used in the 'fast' pattern matching algorithm.

- of T and the graph (on table) in problem (6) find the pattern P. and also find the index no. (2)
- 8. Suppose T=abeaabacebeaabbebe. Now using the characters of T and the graph (on table) in problem (5) find the pattern P. and also find the index no. (3)
- 9. consider the pattern P=0001 and P=111. Using the Slow' pattern matching algorithm, find the number C comparisons to And the INDEX of P in the text T=10010000110010001.
- pattern matching algorithm, find the number c companisons to find the INDEX of P in the text T=3201232302313210123. (4)
 - It consider the pattern P = abe using the 'slow' pattern matching algorithm, find the number c comparisons to find the TNDEX of P in the txt! $T = a^{10}$ and $T = (cbe)^2bb(abe)^5$ (2)
 - R. consider the pattern $p=a^5b$. Using the 'Slow' pattern matching algorithm, find the number c companisons to find the TNDEX of p in the text: $T=(a^5e)^5$ and $T=a^3b^2ab(a^5b)^5$. (3)

Use INSERT to change U so that it reads!

Where Studies only MATHEMATICS. b) MARC

STUDIES MATHEMATICS AND PHYSICS!. e) HARC

STUDIES APPLIED MATHEMATICS.

Repeat problem (13) using substring.