| 95         | M.C.A.S.C., PUNE - 411005.  Page No.: Date:   |
|------------|---|
| <u>@5</u>  | Using optimal binary merge pattern find  one for eight files whose lengths are  28, 32, 12, 5, 48, 13, 35, 11 |
|            | Arrange lengths in increasing order  5 11 12 13 28 32 35 48   |
|            | Take two minimum values and merge them  |
| <b>(1)</b> | 12 13 (16) 28 32 35 48  |
| 田          | [16] [25] 28 32 35 48<br>[5] (1) (2) (3)  |
|            | 28 32 35 [41] 48<br>[16] [25]<br>(5) (11) (12) (13)   |
| (D)        | 35 [4] 48 [60]<br>116 [25] [28] [32]<br>(S) (1) (2) (3)   |
|            |   |

|        |                                       |               | Page No. :      | Date :         |                |
|--------|---------------------------------------|---------------|-----------------|----------------|----------------|
|        | The Area of the                       | 00000 5.34000 | V. 25 110       |                | And the second |
| D      | 48 [60]                               | 76            |                 | 2 23 H 2 2 7 7 |                |
|        | 28 3                                  | 2 35          | [Le]            |                |                |
|        | - 1 · .:                              | 116           | 25              |                |                |
|        |                                       | (5)           | (1) (13)        |                | (              |
|        | This is (c)                           | (os) - 1 d    | + 10 f) ( 10 f) | h : = 4        |                |
| (VI)   | [76]                                  | [108]         | nd str          | nshi 1 = 24    |                |
|        | 33 FI (                               | (8) [60]      | (auci ess) u    | h 3            |                |
|        | [6] [25]                              | 23 32         | ) the seal      |                |                |
|        | (S) (I) (B) (B)                       | E)(r).=       | e : State and t |                |                |
|        |                                       | 10/- 10       | d Fact land     |                | 1              |
| OII    | No.                                   | 1847          | Task ta         | 1.4            | la of the      |
| (O)    | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 187           | Non I was       |                |                |
|        | [76]                                  | [108]         |                 |                |                |
|        | (35) [4                               | 11 48         | 00              | jeda e je      |                |
| .3 = . | 5 4 1 4 1 5 5                         |               | (23)            | 434            |                |
|        | [16]                                  | [25]          | 32              |                | 1 -            |
|        | S (1)                                 | (2) (3)       |                 | - N            |                |
|        |                                       | (2 1)         |                 |                |                |
|        |                                       |               |                 |                |                |
|        |                                       |               |                 |                |                |