

Total No. of Questions – [4]

Total No. of Printed Pages: 01

OCTOBER 2018/IN-SEM (T2)
S. Y. B. TECH.(COMPUTER ENGINEERING) (SEMESTER - I)
COURSE NAME: FUNDAMENTALS OF DATA STRUCTURE
COURSE CODE: CSUA21174
(PATTERN 2017)

Time: [1Hour]

[Max. Marks: 30]

Marking Scheme

- | | |
|---|---------|
| Q.1) a) Comparison with respect to each point | 2M each |
| b) Inserting node at begin, end and position | 2M each |
| c) Unrolled list | 2M |
| Skip List | 2M |
| OR | |
| Q.2) a) Delete at begin | 2M |
| Delete at position | 2M |
| Delete at end | 2M |
| b) Student node structure 1 M Create 2.5M Display 2.5 M | |
| c) Comparison with respect to 4 points 1 M each | |
| Q.3) a) Stack content of problem i | |
| Stack content of problem ii | 3M |
| b) Push function | 2M |
| Display function | 2M |
| c) Postfix evaluation | 4M. |
| OR | |
| Q.4) a) Pseudo code of evaluation | 3M |
| Example: | 3M |
| b) At least 2 applications | 2M each |
| c) Reverse pseudo code | 2M |
| Examples | 2M |