

UNIT 3 SHARED MEMORY PROGRAMMING WITH OPENMP

16 MARKS

1. Discuss OpenMP execution model.
2. Describe in detail about handling loops in parallel operation and schedule clause.
3. Describe OpenMP directives and eight library functions (**library functions also called execution environment routines**). [Answer](#)
4. Generalize on how data and functional parallelism are handled in shared memory programming with OpenMP. [Answer](#)
5. Explain briefly the following: [Answer](#)
 - (i) Internal Control Variables.
 - (ii) Array sections in directives.
6. Discuss performance considerations in shared memory programming with OpenMP. [Answer](#)