**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](Directives%20list.pdf)

4. Generalize on how data and functional parallelism are handled in shared memory programming with OpenMP. [Answer](../notes.pdf" \l "page=83)

5. Explain briefly the following: [Answer](Internal%20Control%20Variables.pdf)

(i) Internal Control Variables.

(ii) Array sections in directives.

6. Discuss performance considerations in shared memory programming with OpenMP. [Answer](PERFORMANCE%20CONSIDERATION.pdf)