Ans. 1

Attached

Ans. 2

Attached

Ans. 3

[1]Kernel threads need not be associated with a process whereas every user thread belongs to a process. Kernel threads are generally more expensive to maintain than user threads as they must be represented with a kernel data structure.

[2] User-level threads are unknown by the kernel, whereas the kernel is aware of kernel threads.

[3] On systems using either M:1 or M:N mapping, user threads are scheduled by the thread library and the kernel schedules kernel threads.

Ans. 4

m >> n is the best choice