

**CHEMICAL REACTION ENGINEERING-II  
KEYS**

**I Choose the correct alternative:**

1. C
2. A
3. C
4. D
5. D
6. B
7. C
8. D
9. D
10. A

**II Fill in the blanks**

11. Mass & Energy transfer from fluid to solid surface
12. Film diffusion
13. 1
14. (Maximum possible conversion in the film)/( maximum diffusional transport through the film)
15. Low
16. Shrinking-Core Model
17. ( kinetic term)( driving force )/(resistance term)
18. Enzymes
19.  $-r''_A = -1/S(dN_A/dt)$
20. Particle size