Module IV

- 17. a). How is data transferred directly between memory and I/O device without the involvement of processor? How is it different from other I/O device? (10)
 - b). What is handshaking? Explain asynchronous hand shaking protocol with signal diagrams (10)
- 18. a). Explain pipelined data path with neat diagram. How does it improve the performance of the system?

 (10)
 - b). Explain hazards in pipeline architecture. How they are overcome? (10)

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My March Count