## Assignment 8

The due date for submitting this assignment has passed. As per your enrolment, you have no right to submit this assignment.

### Dues
- **Due on**: 2023-03-23, 23:59 IT

All real numbers should be recorded as 4 decimal places.

1. Out of the total number of transitions from the output to a supply rail. For example, a NMOS has 3 static, two dynamic, and 1 source-sink current. Answer: 6.

2. The number of input pins required to implement the circuit is: Answer: 7.

3. Yes, the answer is incorrect.

4. Yes, the answer is incorrect.

5. Yes, the answer is incorrect.

6. Yes, the answer is incorrect.

7. Which of the following is true about the static MOS and dynamic logic? Answer: Both static MOS and dynamic logic are used to implement a circuit.

8. Which of the following statements are correct about the MOS logic? Answer: Both static MOS and dynamic logic are used to implement a circuit.

9. Which of the following is true about the static MOS and dynamic logic? Answer: Both static MOS and dynamic logic are used to implement a circuit.

10. Which of the following is true about the static MOS and dynamic logic? Answer: Both static MOS and dynamic logic are used to implement a circuit.

11. The number of input pins required to implement the circuit is: Answer: 7.

12. The number of input pins required to implement the circuit is: Answer: 7.

13. The number of input pins required to implement the circuit is: Answer: 7.

14. The number of input pins required to implement the circuit is: Answer: 7.

15. The number of input pins required to implement the circuit is: Answer: 7.

16. The number of input pins required to implement the circuit is: Answer: 7.

17. The number of input pins required to implement the circuit is: Answer: 7.

18. The number of input pins required to implement the circuit is: Answer: 7.

19. The number of input pins required to implement the circuit is: Answer: 7.

20. The number of input pins required to implement the circuit is: Answer: 7.

21. The number of input pins required to implement the circuit is: Answer: 7.

22. The number of input pins required to implement the circuit is: Answer: 7.

23. The number of input pins required to implement the circuit is: Answer: 7.

24. The number of input pins required to implement the circuit is: Answer: 7.

25. The number of input pins required to implement the circuit is: Answer: 7.

26. The number of input pins required to implement the circuit is: Answer: 7.

27. The number of input pins required to implement the circuit is: Answer: 7.

28. The number of input pins required to implement the circuit is: Answer: 7.

29. The number of input pins required to implement the circuit is: Answer: 7.

30. The number of input pins required to implement the circuit is: Answer: 7.

31. The number of input pins required to implement the circuit is: Answer: 7.

32. The number of input pins required to implement the circuit is: Answer: 7.