1. Answer: a
   Explanation: It takes more memory as one bit used up to store the sign.
2. Answer: c
   Explanation: The two's complement form is more suitable to perform arithmetic operations as there is no need to involve the sign of the number into consideration.
3. Answer: a
   Explanation: One is positive and one for negative.
4. Answer: d
   Explanation: First the 2's complement is found and that is added to the number and the overflow is ignored.
5. Answer: b
   Explanation: First the 2's complement is found and that is added to the number and the overflow is ignored.