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Solution: It is evident from the given condition that $r = \infty$ being denoting open circuit across the output terminals of the active network, $V_{o.c}$ (voltage at the terminal of the active network when $r = \infty$) becomes 5V. On the other hand, $r = 0$ indicates the short circuit of the active source and the output current being $I_{s.c}$, it is given that

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Basic electronics Solved problems By Sasmita January 9, 2020
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