COL202: Discrete Mathematical Structures. I semester, 2017-18. Quiz $5\,$

24 August 2017 Maximum Marks: 4

| Name | E | nt. No. | |
|---|------------------|----------------------------|----------------------------|
| nportant: Keep your answer within the borough work. Do your rough work or | - | | |
| If \mathbb{N}_+ is the set of positive integers, i.e., n | | | |
| \mathbb{N}_+ if there exists a $q \in \mathbb{N}_+$ such that $b = a$ | q. Let us deno | ote this as $a \leq b$. S | Show that \leq is a part |
| der on \mathbb{N}_+ . Is it also a partial order on $\mathbb{Z} \setminus \{$ | 0}, i.e. the set | t of all integers exc | cluding U? |
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