## FAST National University of Computer and Emerging Sciences, Lahore

Course: EE-117: Applied Physics **Instrument:** Quiz-3 **Session:** Fall 2019 **Instructor:** Muhammad Shiraz Ahmad **Section:** F **Total Points: 30** Date: 2 December, 2019 **Duration:** 30 minutes. Roll No.: Name: \_ Note: At the slightest suspicion of cheating, your submission will be marked zero. Q. 1 (10 points) A current carrying wire is under the influence of magnetic field, as shown in Figure below, on the

portion of wire which is under the influence of magnetic field, what is the direction of (a) force experienced and (b) flow of electrons. (c) What is the charge carrier in actual in the wire?

