

University of Asia Pacific
Department of Computer and Science
CSE 315 (Peripheral and Interfacing)

Full Marks: 20

Writing Time: 30 minutes

Upload Time: 5 minutes

Instructions:

- a. Please write the answers on your copy (hard) and make it a PDF using CamScanner. Upload the PDF on the assignment I have created in the Google Classroom.
- b. While giving exam you must switch your camera on.

1. Write (make a table) any five AT commands with their description and parameter list of ESP8266. 05
2. Suppose, you have been hired by **Brunswick Corporation** as an IoT engineer. You have been assigned to a project in which you have to send the daily temperature and humidity of each hour, and you also have to send the average temperature and humidity of a week of your locality to their main office (Lake Forest, Illinois, United States) through ThingSpeak channel. The channel has been created by them with your UAP registration id and the API key is your eight-digit date of birth (e.g., 31121999) concatenated with 'brunXuap'. Write the code for above scenario and solve the above-mentioned Internet of Things related problem. 15