MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER B. DES. (ID) DEGREE EXAMINATION - NOVEMBER 2019

SUBJECT: ID 2103 – INTERIOR SERVICES - I (2018 SCHEME)

Wednesday, November 13, 2019

Time	10:00 -	13:00	Hrs.

Max. Marks: 50

- Answer ALL FIVE questions.
- & Sketch wherever required.
- 1. Define the terms and give examples for the following:(Any FOUR):
- 1A. Reverberation
- 1B. Echo
- 1C. Amplitude
- 1D. Frequency
- 1E. Wavelength

 $(2\frac{1}{2} \text{ marks} \times 4 = 10 \text{ marks})$

- 2. Demonstrate the importance of the following with examples in interiors of residential design.
- 2A. Natural Light and Artificial Light
- 2B. Telephone and Wi-Fi

(5+5 = 10 marks)

- 3A. Briefly describe the classification of lighting.
- 3B. Identify the methods used in modern lighting design.

(4+6 = 10 marks)

4. Explain the Casing-Capping method and Conduit method of Wiring along with sketches.

(5+5 = 10 marks)

5. Analyse the differences in the mechanism of VAR & VCR cycles in HVAC Systems.

(5+5 = 10 marks)