

S.No. 5333

16 SNMEEL 2

(For candidates admitted from 2016–2017 onwards)

U.G. DEGREE EXAMINATION, APRIL 2022

Part IV — Electronics – Non Major Elective

EVERYDAY ELECTRONICS

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. What is the role of alarm in Microwave Ovens?
2. What is Controllers?
3. Write any two important hardware parts in washing machine.
4. Define software.
5. What is Rework Station?
6. How many keys using in Mobile Phones?
7. What is electronic Calculator?
8. List out the uses of Facsimile machine.

9. What is Network?

10. Define Set-Top boxes.

PART B — ($5 \times 5 = 25$)

Answer ALL questions.

11. (a) Explain briefly about the generation of Microwave Ovens.

Or

(b) Discuss in detail about the controllers role in Microwave Oven.

12. (a) List out the features of Washing Machine.

Or

(b) List out the types of Washing Machines and explain any one.

13. (a) Explain in detail about the power section in Mobile Phones.

Or

(b) What is the role in Network Section in Mobile Phones?

14. (a) Explain the working principle of Xerographic copier.

Or

(b) Explain the working principle of Digital Clocks.

15. (a) Describe the Electronic fund transfer.

Or

(b) List out the uses of digital computer?

PART C — ($3 \times 10 = 30$)

Answer any THREE questions.

16. Describe in detail about the write some safety instructions in Microwave Ovens.

17. What is Fuzzy logic and explain how the fuzzy logic to play important role in washing machines.

18. Explain in detail about the replacing of Faculty chips using rework sections.

19. Write short notes on internal organization of a Calculators.

20. Explain the working principle of Barcode scanner and decode.