



APRIL/MAY 2019

**BSEL45 — TROUBLE SHOOTING AND  
MAINTENANCE OF AUDIO AND  
VIDEO EQUIPMENTS (SBS II)**

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is CD?
2. What do you mean by play back process?
3. What is Hi-Fi Stereo system?
4. Mention the troubles in PA system.
5. What is the difference between the monochrome and colour televisions?
6. Write the two major faults in colour TV receiver.
7. What is video disc format?
8. Write the advantages of MAC receiver.
9. What do you mean by CC TV?
10. Write any two advantages of plasma television system.



SECTION B — (5 × 5 = 25 marks)

Answer ALL the questions.

11. (a) Describe the methods of recording and reproduction.

Or

- (b) Enumerate the advantage of compact disc.

12. (a) Explain the Hi-Fi Stereo reproducing system.

Or

- (b) Explain the construction of PA system for an auditorium.

13. (a) Describe the faults in TV transmitter.

Or

- (b) Discuss the PAL colour TV receiver.

14. (a) Explain the video recording on disk?

Or

- (b) Elucidate the high definition TV system.

15. (a) Write a note on set top box.

Or

- (b) Describe the flat LCD.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the optical recording on compact disc.

17. Explain the block diagram of Public Addressing system.

18. Describe the faults in monochrome TV receiver.

19. Explain the MAC encoder with a neat block diagram.

20. Discuss the plasma television system.

