

BHARATI VIDYAPEETH INSTITUTE OF TECHNOLOGY

Question Bank (I scheme)

Unit Test :II

Name of Course : CONSUMER ELECTRONICS
Semester : 4TH

Course code : 22425
Course : EJ4I

Chapter 4 : TELEVISION RECEIVERS (14)

2 marks

1. State the function of colour killer circuit.
2. State the important specifications of HDTV.
3. Compare LCD and LED display devices.
4. State advantages of DTH system.
5. State the steps of troubleshooting for colour TV.
6. State the different components used in OLED.

4 marks

7. Draw the block diagram of PAL-D decoder.
8. Explain working principle of LCD TV.
9. Describe NHK and MUSE system for HDTV.
10. Explain working principle of OLED.
11. Draw the block diagram of PAL-D receiver.
12. Draw and explain the block diagram of DTH receiver.

Chapter 5: CONSUMER ELECTRONIC APPLICATIONS (20)

2 marks

13. State the important specifications of camcorder.
14. Compare CCD and CMOS sensor.
15. State the important specifications of washing machine.
16. State the important specifications of microwave oven.
17. State the important specifications of Digicam.
18. Define the term: i) Optical zoom ii) Digital zoom

4 marks

19. Draw block diagram and explain working principle of photocopier machine.
20. Draw block diagram and explain working principle of microwave oven.
21. Explain working principle of DIGICAM.
22. Explain the principle of digital camcorders.
23. Explain working principle of washing machine.
24. Explain the wiring and safety instructions for a microwave oven.