

SECTION -C (30 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks

(5 x 6 = 30)

11. a) Explain the 3 color theory in TV system.
OR
b) Discuss the HDTV with diagrams.
12. a) Enumerate about magnetron and its applications.
OR
b) Discuss in detail about parabolic antenna with diagrams.
13. a) Explain the principle and construction of fiber optic cable.
OR
b) Discuss about optical transmitters and receivers.
14. a) Explain the transmitter sub system with neat sketch.
OR
b) Discuss in detail about GPS receivers.
15. a) Explain the RFID architecture in detail.
OR
b) What is WiMAX and Wi-Fi? Explain with neat diagrams.

Z-Z-Z

END