

# BHARATI VIDYAPEETH INSTITUTE OF TECHNOLOGY

## Question Bank (K - Scheme)

Name of subject: CONSUMER ELECTRONIC SYSTEM

Subject code: 314327

Semester: IV

Unit Test :II

Course : EJ

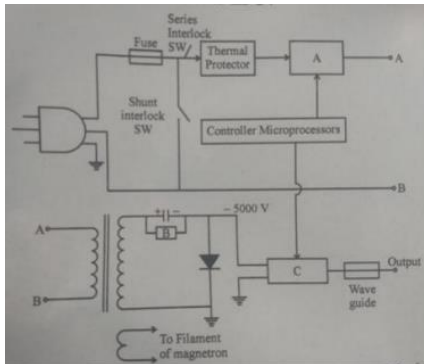
### CHAPTER-3(Consumer Electronic Appliances) -16 Marks

#### (2-Marks)

- 1) List any two wiring and safety instructions for use of microwave oven.
- 2) What is the use of pick up device in Digital camera?
- 3) State any four electrical specifications of microwave oven.
- 4) Explain the function of exposur in photocopier machine.
- 5) List the specifications of scanner
- 6) State applications of bar code reader.

#### (4-Marks)

- 1) Draw the block diagram and explain the working of photocopier.
- 2) Draw and explain the block diagram of washing machine. State advantages of automatic washing machine.
- 3) Explain the working of microwave oven with diagram.
- 4) Explain working of Digital camcorder.
- 5) State four Electrical specifications with values for washing machine.
- 6) (i)Name the block diagram shown in fig.1 (ii)Identify the block "A","B" &"C" in given block diagram. (iii)State the functions of block"A" and "B".



- 7) "Digital camcorders are best for video recording than digital camera". Justify.
- 8) Explain the picture processing with CCD sensor for DIGICAM
- 9) Describe the working of bar code reader
- 10) Draw and explain working of scanner.

## **CHAPTER-4(Smart Appliances) -16 Marks**

### **(2-Marks)**

- 1) State the applications of wearable antenna.
- 2) State the applications of smart wrist bands.
- 3) List the augmented reality device.
- 4) State the specifications of Windows Mixed Reality (WMR).
- 5) State the functional units of smart wrist bands.
- 6) State the functional units of Virtual Reality (VR) Headset.
- 7) List the sensor used in the smart wristband.

### **(4-Marks)**

- 1) Explain constructional features with applications of wearable antennas.
- 2) Describe with functional block diagram working of smart wristband.
- 3) Describe with functional block diagram working of VR headset.
- 4) State regulations related to recycling of E waste
- 5) State the features of Windows Mixed Reality (WMR).
- 6) Explain the working principle of Augmented Reality (AR) devices.
- 7) Distinguish between augmented reality and virtual reality

## **CHAPTER-5(Office Automation appliances) -18 Marks**

### **(2-Marks)**

- 1) State the features of LASER printer.
- 2) State the components used in video conferencing system
- 3) State the components used in paper shredding machine.
- 4) State the troubleshooting procedure of LASER printer.
- 5) State the hardware and software components of biometric attendance system.
- 6) State the features and specifications of smart interactive board.

### **(4-Marks)**

- 1) Describe the working of a laser printer.
- 2) Explain the function of various controls of LED projector.
- 3) Describe the working of given component in biometric attendance system.
- 4) Explain functional blocks of video conferencing system with suitable sketch.
- 5) Describe the working of paper shredding machine.
- 6) State the Working of smart interactive board.