

Physics - 10th Class Physics English Medium Chapter 16 Preparation

Ans 1: It is used to in	
	vestigate the properties of electron beam.
22. Name two factors	which can enhance thermionic emission .
Ans 1: i. Increasing s ii. By increasing tempe	strength of the battery and voltage. rature.
પૂર્વ. Why filament is h	eated.
Ans 1: Filament is he sufficient energy to erso	eated for emission of electrons. If metal is heated to a high temperature, some of free electrons may gain cape metal surface.
Q4. Give the example	s of cathode ray tubes from yu daily life.
Ans 1: The picture in	our T.V. set and display terminal of most computes are cathode ray tubes.
Q5. What is cathode r	ay oscilloscope?
Ans 1: An instrument	which is used to display the magnitude of rapidly changing electric current or potential.
	of oscilloscope.
Q6. Name some use of Ans 1: i. Displaying wii. Range finding iii. Measuring voltages	wave forms.
Q6. Name some use of Ans 1: i. Displaying vii. Range finding	wave forms.
Q6. Name some use of Ans 1: i. Displaying wii. Range finding iii. Measuring voltages iv. Echo sounding . v. Displaying heartbeat	wave forms.

Q8. Write some benefits of using digital electronic over analogue electronic.

Ans 1: i. There is no interference in digital signal

ii. Its easy to read digital quantities.
Q9. How digital electronic devices work.
Ans 1: Digital electronics devices store and process bites electronically.
Q10. What is meant by Boolean algebra?
Ans 1: It is a branch of mathematics which deals with the relationships of logic variables.