

## MDCAT Physics Chapter 11 Dawn of modern Physics Online Test

| Sr | Questions                                                          | Answers Choice                                                                                     |
|----|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 1  | A human eye can detect the electromagnetic radiations of the type: | A. Infrared radiations<br>B. For- infrared radiations<br>C. X-rays radiations<br>D. Red radiations |
| 2  | A human eye can detect the electromagnetic radiations of the type: | A. Infrared radiations<br>B. For- infrared radiations<br>C. X-rays radiations<br>D. Red radiations |
| 3  | The energy of photon of wavelength 620 nm is:                      | A. 0.5 eV<br>B. 1.0 eV<br>C. 1.5 eV<br>D. 2.0 eV                                                   |
| 4  | The energy of photon of energy 1 eV is:                            | A. 1240 nm<br>B. 1040 nm<br>C. 1000 nm<br>D. 620 nm                                                |
| 5  | The energy of photon of wavelength 1240 nm is:                     | A. 0.5 eV<br>B. 1.0 eV<br>C. 1.5 eV<br>D. 2.0 eV                                                   |
| 6  | Joule-second is the unit of:                                       | A. Energy<br>B. Heat<br>C. Planck's constant<br>D. None of these                                   |
| 7  | The dimensions of Planck's constant "h" are same as that of:       | A. Momentum<br>B. Angular momentum<br>C. Work<br>D. Torque                                         |