

DAILY GENERAL AWARENESS QUIZ

DATE: 13 May 2020 (PHYSICS)

- 1. Which feature of Google allows social media users to earn income based on their activities?**
 - (A) Blogger.com
 - (B) Google Adsense
 - (C) Orkut.com
 - (D) Google Search

- 2. Name the physicist awarded Nobel Prize for Quantum Theory in 1918?**
 - (A) Albert Einstein
 - (B) Niels Bohr
 - (C) Max Planck
 - (D) Burry

- 3. Communication satellites are used to:**
 - (A) To transmit communication signals
 - (B) To receive and redirect communication signals
 - (C) To only receive the communication signal
 - (D) To provide information on national sources only

- 4. Kinetics is the study of-**
 - (A) The rate of chemical reaction
 - (B) How fast the reactions go
 - (C) The mechanisms and paths of the molecules take in joining from one reactant to products
 - (D) All of these are correct

- 5. J.J. Thomson's proposed model of action is generally called model.**
 - (A) Cream and cake
 - (B) Plum and pudding
 - (C) Plum and cake
 - (D) Cream and pudding

- 6. When a motor boat in a sea travels faster than sound then waves just like shock-waves are produced on the surface of water. These waves are called -**
 - (A) Bow Waves
 - (B) Constructive waves
 - (C) Destructive waves
 - (D) All of the above

- 7. If Mach number is greater than 1 then the body (source) is said to be moving with -**
 - (A) Hypersonic
 - (B) Subsonic
 - (C) Supersonic
 - (D) None of these

- 8. If Mach number is greater than 5 then the body (source) is said to be moving with -**
 - (A) Hypersonic
 - (B) Subsonic
 - (C) Supersonic
 - (D) None of these

- 9. If Mach number is less than 1 then the body (source) is said to be moving with -**
 - (A) Hypersonic
 - (B) Subsonic
 - (C) Supersonic
 - (D) None of these

- 10. A body moving with supersonic speed in air leaves behind it a conical region of disturbance which spreads continuously. Such a disturbance is called -**
 - (A) Infrasonic wave
 - (B) Electric wave
 - (C) Sonic wave
 - (D) Shock wave

