

NAT I Medical Physics

| Sr | Questions | Answers Choice |
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| 1 | If the period of oscillation of mass (M) suspended from a spring is 2s, then the period of mass 4M will be | A. 1 s B. 2 s C. 3 s D. 4 s |
| 2 | If the metal bob is a simple pendulum is replaced by a wooden bob, then its time period will | A. Increase B. Decreases C. Remain the same D. First 'A' then 'B' |
| 3 | In which case dose the potential energy decreases? | A. On compressing a spring B. On stretching s spring C. One moving a body against gravitational force D. One the rising of an air bubble in water |
| 4 | Which one of the following is a simple harmonic motion? | A. Wave moving through a string fixed at both ends. B. Earth spinning about its own axis C. Ball bouncing between two rigid vertical walls D. Particle moving in a circle with uniform speed. |
| 5 | Blood has a density | A. Equal to water B. Greater then water C. Lesser then water D. None of these |
| 6 | The smooth or steady stream-line flow is know as | A. Laminar flow B. Turbulent flow C. Both a and b D. None of the above |
| 7 | According to Stoke's law drag force depends on | A. Initial velocity B. Final velocity C. Terminal velocity D. Instantaneous velocity |
| 8 | With the increase of temperature viscosity | A. Increase B. Decrease C. Remains same D. Doubles |