

## PPSC Physics Chapter 2 Structural Properties of Matter

Sr	Questions	Answers Choice
1	balls fall faster than rain drops due to their	A. Grater size B. Greater mass C. Greater area D. Structure
2	A tin film of liquid is enclosed between two glass plates it is difficult to spates the plates on account of.	A. Surface tension B. Atmospheric pressure C. Viscosity D. Friction
3	The surface of a liquid is somewhat similar to a stretched membrane because.	A. There is an elastic stress in the surface B. Tension in the surface increases if the area is increased C. The surface has a natural tendency to contract D. Ripples can be produced on the surface
4	Rate of flow of a liquid is expressed in	A. Litre m-3 B. Litre s-1 C. Litre m-1 D. Litre s
5	Drag force between two layers under consideration depends on	A. Distance between the layers B. Surface area of layers C. Relevant velocity between them D. All of the above
6	How much would be the volume of ice formed by freezing 1 litre of water.	A. 1.0 litre B. 1.09 litre C. 1.90 litre D. 2.0 litre
7	A tank 3 m long 1 m wide and 0.5 m deep is filled with oil which weight 12,000 N . The pressure on the base of the tank due to oil is.	A. 1,000 Pa B. 4,000 Pa C. 3,000 Pa D. 6,000 Pa
8	The fluid which is incompressible and non viscous is called.	A. Viscous fluid B. Nonideal fluid C. Ideal fluid D. Perfect fluid
9	The word fluid means	A. To rise B. To fall C. To flow D. To oppose
10	Which liquid can flow easily.	A. Traacle B. Pitch C. Ether D. All flow with same rate
11	How does viscosity affect relative motion between the liquid layers.	A. Does not affect B. Accelerates C. May accelerate of retard D. Retards
12	If a liquid does not wet a solid surface, the angle of contact is.	A. Less than 90° B. Greeter than 180° C. 90° D. Between 90° and 180°
13	A small and a large rain drops are falling thgouth all.	A. Large drop falls faster B. Both move with same velocity C. Small drop falls faster D. Small drop does not fall
14	a body floats in liquid contained in a beaker The whole system falls freely under gravity The outthrust on the bodv due to liquids is	A. Zero B. Equal to the weight of the body in air C. Equal to the weight of the liquid

		displaced D. Equal to the weight of the immersed portion of the body
15	A piece of weighed wood just floats in water when placed in alcohol will	A. Float lower B. Float higher C. Stay as before D. Sink
16	Birds planes and boats are streamlined to reduce	A. Turbulence B. Thrust C. Drag D. Lift
17	The magnus effect is equivalent to	A. Bernouli's theorem B. Archimedes principle C. Pascal's law D. Blood pressure
18	The velocity at which laminar flow changes to turbulent flow is called.	A. Terminal velocity B. Escape velocity C. Critical velocity D. Uniform velocity
19	A breaker is full of water with an ice piece floating The ice place has a lead piece in it When ice cube mells then.	A. Water overflows B. Level falls C. Level remains unchanged D. Density increases
20	The buoyancy depends upon the	A. Depth to which the body is immersed B. Shape of the body C. Mass of the body D. Mass of the liquid displaced