

Physics ECAT Pre Engineering Chapter 6 Fluid Dynamics Online Test

Sr	Questions	Answers Choice
1	Fluid A is more viscous than fluid B. While flowing through a pipe of the same dimensions and material which fluid takes longer to travel at 25°C?	A. fluid B B. fluid A C. both take the same time D. not possible to determine from given information
2	The instrument which detects the instant at which external pressure becomes equal to the systolic pressure is	A. stethoscope B. thermometer C. manometer D. barometer
3	According to the Bernoulli's theorem the pressure velocity are	A. equal to each other B. proportional to each other C. inversely proportional to each other D. none of them
4	The blood pressure of a person	A. decrease with age B. increase with age C. has no effect with age D. none of them
5	Blood pressure is measured by the instrument	A. stethoscope B. sphygmomanometer C. barometer D. none of them
6	One torr is equal to	A. 13.33 N/m ² B. 760 N/m ² C. 760 mm Hg D. 133.3 N/m ²
7	In a normal healthy person the value of diastolic pressure is	A. 75 - 80 torr B. 100 torr C. 120 torr D. none of them
8	In a normal healthy person the value of systolic pressure is	A. 75 torr B. 80 torr C. 120 torr D. all of them
9	The internal pressure of the blood is	A. less than the external atmospheric pressure B. greater than the external atmospheric pressure C. equal to the external atmospheric pressure D. none of them
10	Under normal circumstances, the volume of blood is sufficient to keep the vessels	A. flatted for all times B. inflated for all times C. inflated for small times D. none of them
11	Blood vessels can be stretch like rubber, therefore they are	A. rigid B. hard C. very thick D. not rigid
12	A high concentration of red blood cells increases its viscosity from	A. 3 - 5 times that of mercury B. 5 - 8 times that of mercury C. 3 - 5 times that of water D. 5 - 8 times that of water
13	The density of blood is nearly equal to that of	A. mercury B. sodium C. water D. honey
14	Blood is an	A. Compressible fluid B. incompressible fluid C. hard D. none of them

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A device used to measure the speed of liquid flow is known as

- A. barometer
- B. speedometer
- C. sphygmomanometer
- D. venture-meter