

SUGGESTED ANSWERS FOR PLE 2016

1	a. It is any device used to simplify work. b. (i) Effort (ii). Load (iii). Fulcrum/pivot c. Second class lever	20	It is the lightest part of the shadow in an eclipse.
2	Draining water Sleeping under treated mosquito nets	21	Sound energy
3	Fire, torch, electricity, candle	22	Iron, steel, cobalt
4	To keep our body private To keep our body warm	23	By using a magnet.
5	a. Kinetic energy, Electric energy b. Light energy	24	a. These are diseases which spread from one infected person to another. b. Ebola, trachoma, measles, cholera
6	They expand when heated They are hard and strong	25	a. These are diseases that spread through sexual intercourse. b. Abstain from sex, avoid sharing sharp piercing instruments
7	Wind spreads diseases Too much wind destroys property Too much wind leads to soil erosion	26	a. It is a meal that contains all food values in their correct quantities. b. Fruits, green vegetables c. It is a disease caused by lack of enough specific class of food in the body. d. Rickets
8	Liquids flow Liquids have averagely arranged particles.	27	a. Mouth b. Small intestines (ileum)
9	$M = D \times V = \frac{9}{10} \times 20 = 18g$	28	a. Saliva juice b. Gastric juice c. Succus entericus
10	A stone sinks in water because its density is greater than that of water. A stone sinks because it is denser than water.	29	Liver and pancreas
11	Teacher's guidance	30	a. Male - sperms, Female - Ova (eggs) b. Ovulation
12	Conduction of heat, heat transmits through a solid conductor while radiation of heat, heat transmits through vacuum.	31	a. White blood cells / Red blood cells / Plasma / Platelets b. Platelets
13	Teacher's guidance	32	a. Excess water, carbondioxide b. It regulates body temperature / It stores fats / It protects the inner parts of the body / It is used for feeling / For excretion
14	a. Source of energy b. To give light	33	a. Escape from danger / Look for food and water / To look for shelter b. walk-man / crawl-snakes, lizards, crocodiles
15	It helps them to operate/work	34	a. Transpiration b. Sunlight / water / chlorophyll / carbondioxide
16	An echo is a reflected sound.	35	a. Water pollutants b. Sewage / dead animals / soil / chemicals
17	Music is an organised sound while noise is disorganised sound.	36	Ovules - seeds / Ovary - a fruit
18	Pond water contains some microbes that cause diseases.	37	Insects / mammals and birds
19	By cooling down the water vapour below 0°C i.e condensation		