

SUGGESTED ANSWERS FOR PLE 2018

1	a. sound energy, light energy, wind energy b. sun, wind, hydro power, bio fuel	20	To draw colour and edit pictures / paint shapes / helps to develop activities
2	a. pole field b. magnetic compass / compass direction / compass	21	a. recorded, exported, imported, modified, edited b. Recording sound, importing sound, editing sound c. Exporting sound, modifying sound, helps in film making d. Playing sound, removing sound, adding sound
3	First - dry cell / second - switch / third - resistor	22	It is a web based tool that enables users to locate information on the world wide web.
4	a. reflection of light b. (i). Tr. guide (ii). $90^\circ - 60^\circ = 30^\circ$ (iii) Tr. guide	23	Back - You can move the turtle backwards Left - You can change the turtle's direction to the left by a specified angle.
5	a. hoe / spade / watering can / axe / wheel barrow b. cutting oneself / rusting of tools	24	a. Locomotion b. To look for food / to escape from enemies / to look for shelter / to look for mates
6	a. plane / wood plane / Jack plane b. chisel / wood chisel c. To check if the surface is levelled or straight.	25	Chameleon → reptile / Toad → amphibian / Ostrich → birds / Bat → mammal
7	Water level, trowel, plumb line, tape measure	26	Both reproduce / both breathe / both can die/ both grow
8	Clay, mud, wires, straws paper, wood, banana fibre	27	a. ovary / root / petal / ovule / shoot b. Pollination would be hard
9	a. mechanic / technician (I.T) b. blacksmith	28	a. Yes b. Food is necessary for human survival a. No b. reduces rainfall formation leading to drought
10	a. False b. True c. True	29	Sepal → protect the inner part of a flower Petal → attracts insects Stamen → male reproductive parts Carpel → female reproductive part
11	Water = $(1000 \div 1000) = 1$ Gold = $(19320 \div 1000) = 19.32$	30	Veins → bring back blood from the body to the heart Heart → pumps blood to all body parts Arteries → take blood away from the heart to the body
12	1 - Sublimation , 2 - Condensation , 3 - Freezing	31	a. Self (direct) pollination, cross (indirect) pollination b. wind, insects, birds, animals, plants, rain, man
13	hardware	32	a. epigeal germination, hypogeal germination b. warmth / temperature / oxygen (air)
14	icon	33	a. carbondioxide, water, sunlight, chlorophyll b. photosynthesis c. oxygen
15	delete / erase	34	a. Veins b. To prevent the backflow of blood c. Deoxygenated blood d. Urea, carbondioxide, salts, excess water, uric acid
16	journal / my document / ROM	35	a. Kidney b. Excretory system / Urinary system c. bladder / urinary bladder
17	a. From the home view b. From the invitation from a friend c. From the journal	36	a. Virus (HIV) b. Blood transfusion, sharing sharp objects, through birth c. Female anopheles mosquito
18	Sprite - an icon used to display a given set of command. Animation - is the giving of an object human characteristics like talking, crying, walking, etc	37	a. Bilharzia → intestines / urinary bladder b. Scabies → skin c. Trachoma → eyes d. AIDS → blood / white blood cells
19	Scratch, turtle, java script, python,		