## SUGGESTED ANSWERS OF PLE 2022

	(i) Hoe, machete, panga, rake, watering can, spraying pump, spade, (ii) Trowel, file, watering wheel, sickle, tractor, axe, pickaxe, forked hoe. Etc.	26	Diseases Symptoms  i) Tapeworms a) Difficulty in breathing  ii) Pracumonia b) Worms might be seen in droppings
2	spirit level is a corpentry tool that is used to check whether the surface is horizontal or vertical while a plumb line is a mosonry tool used to find out whether the wall is upright or not.	27	(i) It should be strong and wide (ii) It should have clean water, and feeders
3	Flash disk is used for storing data (music, videos, pictures, documents etc.)	28	Animals  Raspiratory organs  a) Tilopia  i) Book lungs/ trachea  b) Spider  ii) Gills
+	2 By putting oil or grease on a turning port of a machine. 2 By keeping a machine in a dry and clean place.		c) Mosquito iii) Spiracles d) Man iv) Lungs
5	It is a source of information It creates friendship among the people	29	A cow provides meat and milk which contain nutritious food elements
5	Tool Use Clamp Holding a piece of wood to prevent its	30	(i) Butterflies, bees, moths
	movement	31	Photosynthesis is the process by which green plants
8	Hack saw Cutting metals	J.	make their own food by using water, carbon dioxide and
	Bellow Blowing air into the fire		chlorophyll while transpiration is the loss of water from plant leaves in a form of water vapour.
7	(i) Wearing protective gear/clothes like gloves, boots, overall (ii) Not keeping tools in a path of other workers	32	Parts of a flower Function a) Periods b) Sepals ii) Contains on idea iii) Roccewa policii grania iii) flutta signa in passion
3	(i) Toys help children to play and relax (ii) Toys are a source of happiness to children		c) Stigues (ii) Holds edgens in passion d) Biylu (y) Produces publish griding c) Ovary (y) Product young flower d) Author (v) Attract publishers
1	(i) Turtle Art, Scratch	33	when the transport
0	Material  Al Spottal, Nee hun. Se		Andre Case  Cone  Cone
10	Papers, manila papers, threads, banana fibers, wool, wood	34	Pollination is the transfer of pollen grains from the anthers, to the stigma while fertilization is the union or fusion of male and female sex cells.
2	Coiling, plaiting, twining	35	Organ Sense Nerve Eye Sight Optic nerves Tongue Taste Gustatory/ lingual Ear Hearing Auditory nerves Nose Smell Olfactory nerve
3	(i) It is used for storing data	36	a) Organs that help us to see, hear, smell, taste, and
	(ii) It is used for communication		feel are called "Sensory organs". b) Our body is supported by a framework of bones called the "Skeleton"
4	Terms Mealing Al Hardware ii Computer programs b) Internet c) Software iii Physical components of a computer c) Software iii Worldwide interconnection bixtrictions written by computer specialist	37	Short-sightedness is an eye defect when a patient can see well objects which are near while long-sightedness is an eye defect when a patient can see well distant objects.
5	Nitrogen, oxygen, carbon dioxide	38	Food substances End product Carbohydrates Glucose Proteins Amino acids Fats Fatty acids and glycerol
6	Furnes, carbon monoxide, Sulphur dioxide, nitrogen dioxide etc.	39	In boys Testosterone In girls Progesterone
17	a E-mail account	40	
18	a) 78%	41	Breathing in: The ribs move upwards and outwards
-		1	while the lungs expand in size.

			Breathing out: The ribs move downwards and inwards while the lungs reduce in size.
19	Cholera, dysentery, typhoid	42	Abstaining from sexual intercourse Being faithful to your partner Avoid drug abuse
20	Evaporation is the process when a liquid changes to gas while condensation is the process when a gas changes to a liquid.	43	Ovum is bigger than sperm (Ovum is bigger whereas sperm is smaller) Sperm is long with tail and head while ovum is spherical and has no tail.
21	) Deforestation, overgrazing (ii) Burning forests, growth of industries	44	Process (A) a) Ortitation b) Implantation ii) Period from fertilization to birth iii) The release of owns by the owny d) Pregnency iii) Attachment of the embryo to the uterus
22	(i) Loom soil, clay soil (ii) Sand soil		
23	i) Fertilizers increase soil fertility (They boost productivity of the soil)  (ii) They help crops to grow well and fast	45	i) Dropping out of school (ii) It causes emotional stress (iii) It leads to illegal abortion and family rejection
24	Because plastic bags do not decompose Because plastic bags cause soil pollution	46	Liquid water is in liquid state, when you heat it for a long time, it becomes vapour which is in gaseous state. When you cool water until O'C and below, it becomes ice.
25	Because toilets keep wastes (Faeces and urine) which contains germs that cause diseases. Because it is good to maintain hygiene and sanitation.	47	(i) Objects sink in water because their density is higher than that of water (ii) Objects sink in water because they have tightly packed molecules
		48	(i) Liquid has no definite (fixed) shape (ii) Liquid flows easily
50	The given Unknown Formula Calculation Mass= 95 g Density=? D $\frac{mass}{volume}$ D $\frac{95g}{19cc}$ Volume= 19 cm' D= 5g/cc	49	i) It is used for lighting, welding, shaving hair. Ironing clothes (ii) It is used for operating electric devices like TV, Radio etc. Refrigeration