

2019 PT3 Science (Section B + C)

Chapter		Important Units	
FORM 1			
1	Introduction to Science Investigation	√ Hazard Symbols √ Physical Quantities	√ Mass & weight
2	Cell as the Basic Unit of Life	√ plant and animal √ cell & structure	√ cell specialization
3	Coordination and Response	√ Regulation of water in the body √ Regulation of oxygen	
4	Reproduction	√ Reproductive of flower √ Germination	
5	Matter	√ Matter / Non-matter √ Kinetic Theory	
6	The Periodic Table	√ Atom √ Elements/ Mixture / Compound	
7	Air	√ Components of air √ Important Carbon cycle	
8	Light and Optics	√ Refraction of light √ Dispersion of light	
9	Earth	√ Composition of earth √ Exogenic/ Endogenic	
FORM 2			
1	Biodiversity	√ Invertebrates/Vertebrates √ Non-Flowering/Flowering	
2	Ecosystem	√ Food chain/pyramid √ Carbon Cycle √ Interaction √ Biological control	
3	Nutrition	√ Balance diet/ Food Pyramid √ Analyzing of food √ Digestion system	
4	Human Health	√ Disease √ Immunity	
5	Water and Solution	√ Boiling / Evaporation √ Method of purification of water √ water treatment √ pollution/control	

6	Acid and Alkali	√ Acid √ Neutralization/Titration
7	Electric and Magnetism	√ Lightning conductor √ series. parallel circuit √ Electromagnet
8	Force and Motion	√ Force √ Friction √ Lever √ Pressure
9	Heat	√ Transfer of heat √ Absorption of heat
10	Sound Waves	√ sound √ pitch /loudness
11	Stars and Galaxies in the Universe	√ Dead of start
12	Solar System	√ Meteoroids √ Asteroid √ Comet

FORM 3

1	Stimuli dan responses	√ skin/tongue √ response in plant √ Germination √ Involuntary /Voluntary √ Eye/Ear
2	Respiration	√ Cigarette √ Lungs + Alveolus √ Adaption of animal
3	Transport	√ Heart √ plant transport √ Blood group/cells
4	Reactivity	√ metal reactivity √ Blast Furnace √ Calcium Carbonate
5	Thermochemistry	√ Endo/Cold pack √ Exso/Hot pack
6	Electric and Magnesium	√ non-renewable /renewable energy √ Power station √ transformer
7	Energy and Power	√ work done √ Potential/Kinetic energy
8	Radioactivity	√ alpha, beta and gamma √ uses of radioactive √ Handling + effect

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Good Luck!

~~~ Andrew Choo ~~~

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