



NO. SOALAN	SPMRSM	KELANTAN	TERENGGANU	SBP	PAHANG
1	PASCAL'S PRINCIPLE = DECORATE CUP CAKE	PHOTOELECTRIC EFFECT	RADIOACTIVE DECAY = TYPE OF DECAY	LONGITUDINAL WAVE	PHOTOELECTRIC EFFECT
2	CONVEX LENS	HALF-LIFE = GRAPH	CENTRIPETAL FORCE	RADIOACTIVE DECAY = TYPE OF DECAY = NUCLEAR ENERGY	WAVES (RADIOWAVE) = TELEVISION TRANSMITTER
3	CRO = SPEED OF ELECTRONS = DEFLECTION OF ELECTRIC FIELD	DIFFRACTION OF LIGHT	LDR (AUTOMATIC SWITCH)	MOTION GRAPH (v-t graph) = SKETCH GRAPH a-t	KEPLER'S SECOND LAW
4	KEPLER'S THIRD LAW = LINEAR SPEED	ELECTRIC FIELD: = CANDLE FLAME	BLACK BODY RADIATION PHOTOELECTRIC EFFECT	SPECIFIC LATENT HEAT OF VAPORISATION = ELECTRIC STEAMER	GAS PRESSURE (MANOMETER)
5	EMF = ARRANGEMENT OF BATTERIES	GRAVITATION: = GRAVITATIONAL FORCE = LINEAR SPEED = ORBITAL PERIOD	INTERFERENCE OF LIGHT	FORWARD & REVERSE BIAS = FULL-WAVE RECTIFICATION	MAGNETIC FIELD (NEWTONS' 3 RD LAW) = CURRENT vs READING OF ELECTRONIC BALANCE = DRAW CATAPULT FIELD
6	REFLECTION OF WATER WAVE = f & λ = ULTRASONIC WAVE	BUOYANT FORCE = VOLUME IMMersed	ELECTROMAGNETIC INDUCTION = NO. OF TURNS & INDUCED CURRENT = TRANSFORMER	PHOTOCELLS = FREQUENCY vs LIGHT COLOUR = PHOTOELECTRIC CURRENT	HOOKE'S LAW = SPRING (GRAPH)
7	SPECTRUM LINE H ₂ E = hf & P = nE = nhf = PHOTOELECTRIC EFFECT	SPECIFIC HEAT CAPACITY = CUP ICE-CREAM	CONCAVE MIRROR	ELECTRICITY = SERIES + PARALLEL = HEATING BLANKET	ELECTRONIC = CURRENT AMPLIFIER = AIR CONDITIONING
8	IMPULSIVE FORCE = MATTRESS	DYNAMO BICYCLE	HOOKE'S LAW = SPRING	TOTAL INTERNAL REFLECTION = MIRRAGE = FIBRE OPTIC	CONCAVE MIRROR = RAY DIAGRAM
9	HALF-LIFE = GRAPH = ANCIENT ROCK	CONVEX LENS = DETERMINE FOCAL LENGTH = TELESCOPE	SPECIFIC LATENT HEAT OF FUSION = PIPE CONDENSER IN REFRIGERATOR	KEPLER'S THIRD LAW = LINEAR SPEED = SATELLITES	MOMENTUM = ROCKET = RIFFLE RECOIL
10	ELECTROMAGNETIC INDUCTION = TORCH LIGHT (SHAKE) = TRANSFORMERS = INDUCTION COOKER	FULL WAVE RECTIFICATION = THERMISTOR = LDR	ATMOSPHERIC PRESSURE (FORTIN BAROMETER)	DC MOTOR TRANSFORMER	ELECTRICITY = LED = SOLAR LED
11	BOYLE'S LAW = WARMING BODY BY RADIATION = BOX (DELIVERING FOOD)	ELASTICITY = GRAPH F against X = SWING (SPRING)	ELECTRICITY = SERIES + PARALLEL = LIGHTING SYSTEM	PASCAL'S PRINCIPLE = HYDRAULIC JACK	BUOYANT FORCE = CARTESIAN DIVER = SUBMARINE



NO. SOALAN	MELAKA	PASIR GUDANG	KEDAH	PUTRAJAYA (SET A)	SELANGOR
1	NUCLEAR FISSION	SPECTRUM LINE H ₂	KEPLER'S SECOND LAW	DIFFRACTION OF LIGHT	THERMIONIC EMISSION
2	GRAVITATIONAL FORCE	CRO = MALTESE CROSS = SPEED OF ELECTRONS	HALF-LIFE (GRAPH)	FREE FALL	KEPLER'S LAW
3	DIODE (FB & RB) = FULL-WAVE RECTIFICATION	HALF-LIFE = GRAPH	PHOTOELECTRIC EFFECT = GRAPH E _k vs f	MOTION GRAPH (s-t graph) = AVERAGE VELOCITY	HALF-LIFE (GRAPH)
4	EMF = ARRANGEMENT OF BATTERIES	GEOSTATIONARY SATELLITE = ORBITAL PERIOD	FORCE IN EQUILIBRIUM = TRAFFIC LIGHT	PHOTOELECTRIC EFFECT = GRAPH E _k vs f = WORK FUNCTION	BUOYANT FORCE = FLOATING = VOLUME OF WATER DISPLACED
5	CHARLES' LAW	PASCAL'S PRINCIPLE	PRESSURE IN LIQUID = DEPTH	GRAVITATION = ORBITAL PERIOD vs RADIUS KEPLER'S THIRD LAW	SPECIFIC HEAT CAPACITY = COOLING AGENT IN CAR RADIATOR
6	LAWN MOVER = DRAW TRIANGLE FORCE	MOTION GRAPH (s-t graph) = FORCE (F = ma)	EMF = SERIES & PARALLEL	EMF = SERIES & PARALLEL	PHOTOELECTRIC EFFECT = E _k vs f
7	MOMENTUM = ROCKET	CONCAVE MIRROR = DENTIST MIRROR	PRESSURE LAW = TYRE & GAS PRESSURE = PRESSURE COOKER	CONVEX LENS = RAY DIAGRAM = TOTAL INTERNAL REFLECTION (BINOCULAR)	CONCAVE MIRROR = RAY DIAGRAM
8	ELECTROMAGNETIC WAVE	ELECTRICAL = KETTLE (HEATING ELEMENT)	DIFFRACTION OF WATER WAVE	SUBMARINE	ELECTROMAGNETIC WAVE = FUNCTION EM WAVE = TRANSMISSION INFORMATION
9	CONVEX MIRROR = DRWA RAY DIAGRAM = ROAD SAFETY MIRROR	ULTRASONIC WAVE (BAT) SOUND SYSTEM	CONVEX MIRROR = SAFETY MIRROR AT ROAD CORNER = RAY DIAGRAM	HEAT = THERMOMETER = THERMAL EQUILIBRIUM = RICE KEEPERS (MAINTAIN HOT TEMPERATURE)	MOMENTUM (FROG LEAPING) ROCKET RIFLE
10	ELECTROMAGNETIC INDUCTION = AC GENERATOR = TRANSFORMERS	ELECTROMAGNETIC INDUCTION = TRANSFORMER	SEMICONDUCTOR DIODE CATHODE RAY	RADIOACTIVE DECAY SERIES (GRAPH) TREATMENT CANCER	EMF HANDPHONE BATTERY
11	PASCAL'S PRINCIPLE = DENTIST CHAIR = BRAKE SYSTEM	SPECIFIC HEAT CAPACITY = SEA BREEZE = MOTORCYCLE ENGINE	TRANSFORMER = NATIONAL GID NETWORK	ELECTROMAGNETIC INDUCTION = DYNAMO BICYCLE = INDUCTION COOKER	ELECTROMAGNETIC INDUCTION = NO. OF TURNS & INDUCED CURRENT = TRANSFORMER = DYNAMO