Name of the Student:_____
Max. Marks : 22 Marks **Time : 22 Minutes**

Mark Schemes

Q1.

(a) Sun
Any valid
for 1 mark each
2

(b) From electric/pe or chemical in battery
for 1 mark

to ke, light, sound, heat
3 for 1 mark each
4

(c) Gravitational pe OR just pe
For any gravity feed
OR Elastic pe
any valid
OR Food
For maintaining body/life etc.
OR Any descriptive answer
e.g. water in a high lake used to produce hydroelectric power
2 for 1 mark each
2

[8]

Q2.

(a) to switch on/off
independently OWTTE
for 1 mark each
2

(b) 9
for 1 mark
1

(c) B and E
for 1 mark
1

(d) 1

Two/least number of LED used
for 1 mark each

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2

[6]

Q3.

(a) (i) Ends have charge
Which is opposite on each rod

2

(ii) Attracts

1

(b) (i) Repulsion

1

(ii) Ends have same charge

1

(c) Electrons move between cloth and rod
Where gather is negative
Where move from is positive

3

[8]

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