

**GENERAL SCIENCE**

**Marking Criteria for Section B**

**Q.1.** 4 Marks

	Possible Answers	Marks
Flowering Plants	Flowering plants produce flowers for their reproduction	1
	Flowering plants produce seeds and seeds germinate into new plants	1
Non- flowering plants	Non flowering plants do not bear flowers	1
	They grow on damp soil near drainage pipes type	1

**Q.2.** 2 Marks

(a)

Possible Answers	Marks
Soil is the major portion of the Earth's surface which supports the growth of plants and provides shelter for different animals.	0.5

(b)

Possible Answers	Marks
(i) Sand (ii) Clay (iii) Silt	0.5 for each option (Total 1.5 for all 3 correct answeres)

**Q.3.** 4 Marks

	Possible Answers	Marks
Vertebrates	Name of any two animals with backbone e.g. (i) Fishes (ii) Frogs (iii) tortoise (iv) snakes (v) crocodile (vi) sparrow (vii) kiwi	2
Invertebrates	Name of any two animals without backbone e.g. (i) Mosquito (ii) Cockroach (iii) Ant	2

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**Q.4.** 4 Marks

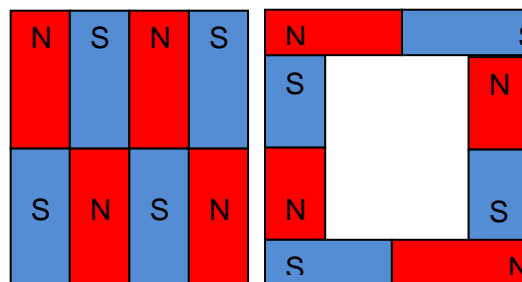
Possible Answers	Marks
Liquid molecules: distance shown between molecules is more than the solid	2
Gas molecules: distance shown between molecules is more than the liquid	2

**Q.5.** 3 Marks

Possible answer	Marks
a) Epicotyl: upper left label	1 marks for each correct label
b) Cotyledons: lower left label	
c) Hypocotyl: upper right label	
d) Seed Coat: lower right label	

**Q.6.** 4 Marks

4 magnets together with 4 correct direction:	04 marks
4 magnets together with 3 correct direction:	03 marks
4 magnets together with 2 correct direction:	02 marks
2 or 3 magnets together with 2 correct direction:	01 marks
All 4 incorrect direction:	0
All separate magnets:	0



**Q.7.** 4 Marks

(a).

Possible answer	Marks
We use fuse in a circuit to stop the flow of current when it exceeds the safety level.	2

(b). 2 Marks

Possible Answer	Marks
Lunar Eclipse	2

**Q.8.** 4 Marks

Possible Answers	Marks
a) load	1 mark for each correct labelling
b) fulcrum	
c) effort	
d) lever type: first class lever	1

**Q.9.** 4 Marks

a) Possible Answer	Marks
b) Showing Cell	1 for each correct labelling
c) Showing Wire	
d) Showing bulb	
e) Cell, wire and bulb are connected	1

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**Q.10.**

4 Marks

Possible Answer	Marks
The coin will drop into glass	2
The coin will drop into glass due to inertia. Heavier the weight the higher will be inertia and more force is required to change it from the original position. Since the coin is heavier than the thick card, so flicking the card will move the piece of card due to less inertia (light weight). The coin will drop into glass due to inertia (heavy weight)	2

**Q.11.**

4 Marks

Possible answer	Marks
1) Evaporation	1 marks for each correct label
2) Condensation	
3) Precipitation	
4) Collection	

**Q. 12.**

3 Marks

1) Possible Answer	Marks
2) Earth	1 for each correct labelling
3) Saturn	
4) Neptune	