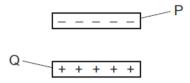
<u>Electrostatics – 2022 November IGCSE</u> 0625

1. Nov/2022/Paper 11/No.28

A negatively charged plastic rod P is placed above a positively charged plastic rod Q.



What are the directions of the electrostatic forces on rod P and on rod Q?

	electrostatic force on rod P	electrostatic force on rod Q
Α	downwards	downwards
В	downwards	upwards
С	upwards	downwards
D	upwards	upwards

2. Nov/2022/Paper_12/No.28

A plastic rod is rubbed with a dry woollen cloth. The rod becomes positively charged.

Which statement is correct?

- A Electrons move from the cloth to the rod.
- B Electrons move from the rod to the cloth.
- C Protons move from the cloth to the rod.
- **D** Protons move from the rod to the cloth.

3. Nov/2022/Paper 13/No.28

A plastic rod is rubbed with a dry woollen cloth. The rod becomes positively charged.

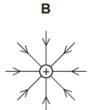
Which statement is correct?

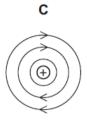
- A Electrons move from the cloth to the rod.
- **B** Electrons move from the rod to the cloth.
- C Protons move from the cloth to the rod.
- **D** Protons move from the rod to the cloth.

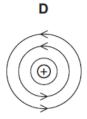
4. Nov/2022/Paper_21/No.27

Which diagram shows the electric field pattern around a positive charge?

A

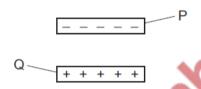






5. Nov/2022/Paper_21/No.28

A negatively charged plastic rod P is placed above a positively charged plastic rod Q.



What are the directions of the electrostatic forces on rod P and on rod Q?

	electrostatic force on rod P	electrostatic force on rod Q
Α	downwards	downwards
В	downwards	upwards
С	upwards	downwards
D	upwards	upwards



6. Nov/2022/Paper_22/No.28

A plastic rod is rubbed with a dry woollen cloth. The rod becomes positively charged.

Which statement is correct?

- A Electrons move from the cloth to the rod.
- **B** Electrons move from the rod to the cloth.
- C Protons move from the cloth to the rod.
- **D** Protons move from the rod to the cloth.

7. Nov/2022/Paper_23/No.28

A plastic rod is rubbed with a dry woollen cloth. The rod becomes positively charged.

Which statement is correct?

- A Electrons move from the cloth to the rod.
- **B** Electrons move from the rod to the cloth.
- C Protons move from the cloth to the rod.
- **D** Protons move from the rod to the cloth.

8. Nov/2022/Paper_43/No.8(a)

Fig. 8.1 shows apparatus used to charge a metal plate by induction.

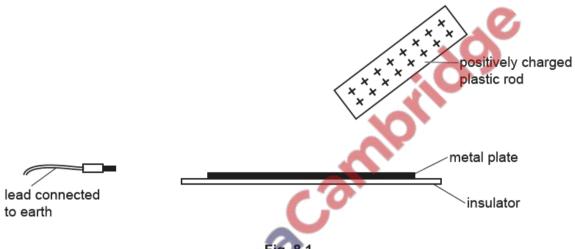


Fig. 8.1

	Describe and explain how the apparatus shown in Fig. 8.1 can be used to charge the metal plate.

	[A1]
	[4]