

## GCSE

## Physics (Modular)

## Module 23

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## Physics in Action: Foundation Tier

| Question No. | KEY |
| :---: | :---: |
| One | $\begin{aligned} & 1 \text { - capacitor } \\ & 2-\text { OR gate } \\ & 3-\text { resistor } \\ & 4-\text { LED } \end{aligned}$ |
| Two | 1 - variable resistors <br> 2 - input sensors <br> 3 - logic gates <br> 4 - output devices |
| Three | $\begin{aligned} & 1 \text { - converging } \\ & 2-\text { focus } \\ & 3-\text { real } \\ & 4-\text { film } \\ & \hline \end{aligned}$ |
| Four | $\begin{aligned} & 1 \text { - thermistor } \\ & 2 \text { - LDR } \\ & 3 \text { - AND gate } \\ & 4 \text { - buzzer } \end{aligned}$ |
| Five | $\begin{aligned} & 1-\mathrm{P} \\ & 2-\mathrm{S} \\ & 3-\mathrm{Q} \\ & 4-\mathrm{R} \end{aligned}$ |
| Six | $\begin{aligned} & \mathrm{J} \\ & \mathrm{M} \\ & \hline \end{aligned}$ |
| Seven | $\begin{aligned} & \hline \mathrm{P} \\ & \mathrm{R} \\ & \hline \end{aligned}$ |
| Eight | $8.1-\mathrm{D}, 8.2-\mathrm{B}, 8.3-\mathrm{D}, 8.4-\mathrm{C}$ |
| Nine | $9.1-\mathrm{C}, ~ 9.2-\mathrm{C}, ~ 9.3-\mathrm{A}, ~ 9.4-\mathrm{D}$ |
| Ten | 10.1 - A, 10.2-C, 10.3-B, 10.4-D |

## Physics in Action: Higher Tier

| Question No. | KEY |
| :---: | :---: |
| One | $\begin{aligned} & 1-\mathrm{P} \\ & 2-\mathrm{S} \\ & 3-\mathrm{Q} \\ & 4-\mathrm{R} \end{aligned}$ |
| Two | $\begin{aligned} & 1-\mathrm{Z} \\ & 2-\mathrm{Y} \\ & 3-\mathrm{X} \\ & 4-\mathrm{W} \end{aligned}$ |
| Three | $\begin{aligned} & \hline \mathrm{P} \\ & \mathrm{R} \\ & \hline \end{aligned}$ |
| Four | $\begin{aligned} & \mathrm{M} \\ & \mathrm{~N} \end{aligned}$ |
| Five | $5.1-\mathrm{D}, ~ 5.2-\mathrm{B}, 5.3-\mathrm{D}, 5.4-\mathrm{C}$ |
| Six | $6.1-\mathrm{C}, ~ 6.2-\mathrm{C}, ~ 6.3-\mathrm{A}, 6.4-\mathrm{D}$ |
| Seven | $7.1-\mathrm{A}, ~ 7.2-\mathrm{C}, ~ 7.3-\mathrm{B}, 7.4-\mathrm{D}$ |
| Eight | $8.1-\mathrm{C}, 8.2-\mathrm{D}, 8.3-\mathrm{C}, 8.4-\mathrm{A}$ |
| Nine | 9.1-A, $9.2-\mathrm{C}, ~ 9.3-\mathrm{A}, ~ 9.4-\mathrm{B}$ |
| Ten | 10.1-C, 10.2-C, 10.3,-C, 10.4-C |

