Maximum Mark: 50

## IMPORTANT NOTICE

Mark Schemes have been issued on the basis of one copy per Assistant Examiner and two copies per Team Leader.


| Question number |  | 2 CPS00452 |  |
| :---: | :---: | :---: | :---: |
| Part | Mark | Answer | Further Information |
| (a) | 1 |  | both correct $=1$ mark <br> Accept day and night correctly labelled <br> Accept if they are drawn outside the circle e.g. |
| (b) | 1 | spins the lamp on its own axis <br> spins the ball on its own axis <br> moves the lamp around the ball moves the ball around the lamp | more than one answer circled $=$ 0 marks <br> Accept any indication of the correct answer |
| Total | 2 |  |  |


| Question number |  | 3 | CPS00226 |  |
| :--- | :---: | :--- | :--- | :--- |
| Part | Mark | Answer | Further Information |  |
| (a) | 1 | touch | Accept feeling / feel <br> Do not accept sensitivity / <br> hands |  |
| (b) | 1 | When they guess what the object is this is <br> called a prediction. | Accept any indication of the <br> correct answer but response on <br> answer line takes precedence |  |
| (c) | 1 | sight | Accept seeing / see / visual |  |
| Ignore looking / eyes |  |  |  |  |


| Question number |  | 4 | CPS00406 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Part | Mark | Answer |  |  | Further Information |
| (a) | 1 | the mass of an object | the weight the loudness of an object of a sound | the speed of a sound | more than one answer circled $=0$ marks <br> Accept any indication of the correct answer |
| (b) | 1 | Key A <br> Key B <br> Key A <br> Key B | as a higher pitch <br> a higher pitch <br> louder than key B. <br> louder than key $\mathbf{A}$. |  | more than one answer ticked $=0$ marks <br> Accept any indication of the correct answer |
| Total | 2 |  |  |  |  |


| Question number |  | $\mathbf{5}$ | CPS00380 |  |
| :--- | :---: | :--- | :--- | :--- |
| Part | Mark | Answer | Further Information |  |
| (a) | 1 | melting | Accept melt / melted |  |
| (b) | 1 | boiling / evaporation | Accept boil / evaporate <br> Ignore heating |  |
| (c) | 1 | freezing | Accept freeze <br> Ignore solidifying |  |
| (d) | 1 | condensation | Accept condense / condensing |  |
| Total | 4 |  |  |  |


| Question number |  | 6 CPS00299 |  |
| :---: | :---: | :---: | :---: |
| Part | Mark | Answer | Further Information |
| (a) | 1 | strong | Accept insoluble in water <br> Ignore not poisonous <br> Do not accept attracted to a magnet not attracted to a magnet brittle (breaks easily) flexible (bends easily) poisonous soluble in water weak <br> a good electrical conductor a poor electrical conductor |
| (b) | 1 | attracted to a magnet | more than one property $=0$ marks |
| (c) | 1 | not poisonous / insoluble in water | Accept <br> flexible (bends easily) <br> Ignore <br> strong <br> Do not accept attracted to a magnet not attracted to a magnet brittle (breaks easily) poisonous soluble in water weak <br> a good electrical conductor <br> a poor electrical conductor |
| (d) | 1 | flexible / insoluble in water | Ignore <br> strong not poisonous <br> Do not accept attracted to a magnet not attracted to a magnet brittle (breaks easily) poisonous soluble in water weak <br> a good electrical conductor <br> a poor electrical conductor |

\(\left.$$
\begin{array}{|l|l|l|l|}\hline \text { (e) } & 1 & \text { a good (electrical) conductor / flexible } & \begin{array}{l}\text { Ignore } \\
\text { strong } \\
\text { Do not accept }\end{array}
$$ <br>
insoluble in water <br>
attracted to a magnet <br>
not attracted to a magnet <br>
brittle (breaks easily) <br>
poisonous <br>
not poisonous <br>
soluble in water <br>
weak <br>

a poor electrical conductor\end{array}\right]\)| Total |
| :--- |


| Questi | umber | 7 | CPS00421 |  |
| :---: | :---: | :---: | :---: | :---: |
| Part | Mark | Answer |  | Further Information |
| (a) | 2 | (surface) <br> $(1)$ <br> $\mathbf{2}$ <br> $\mathbf{3}$ | (number of) <br> marbles <br> 5 <br> $(6)$ <br> 2 | 5 correct $=2$ marks <br> 4 or 3 correct $=1$ mark <br> 1 or 2 correct $=0$ marks <br> Do not accept marbles written within the table, max 1 mark if everything else correct |
| (b) | 2 | The surface with the most friction is surface 2. <br> The smoothest surface is surface $\mathbf{3}$ because it takes $\mathbf{2}$ marbles to move the block. |  | each correct sentence $=1$ mark ecf from part a <br> Accept least / lowest / less |
| Total | 4 |  |  |  |



| Question number |  | 9 | CPS00306 |  |
| :--- | :---: | :--- | :--- | :--- |
| Part | Mark | Answer | Further Information |  |
| (a) | 1 | The skull protects the brain. | Accept cranium for skull |  |
|  | 1 | The ribcage protects the lungs. | Accept ribs for ribcage |  |
|  |  |  | each correct answer = 1 mark |  |
| (b) | 1 | it contracts / gets shorter | Accept it gets fatter/ bigger |  |
| Total | 3 |  |  |  |


| Question number |  | 10 CPS00398 |  |
| :---: | :---: | :---: | :---: |
| Part | Mark | Answer | Further Information |
| (a) | 2 |  | 4 correctly circled $=2$ marks 2 or 3 correctly circled = 1 mark 1 correctly circled $=0$ marks all 5 circled $=1$ mark <br> 2 or 3 correctly circled and 1 incorrectly circled $=0$ marks <br> Accept any indication of the correct answer |
| (b) | 1 | (idea of) run faster | Accept accelerate / increase speed / increases velocity <br> Ignore apply more force |
| Total | 3 |  |  |


| Question number |  | 11 | CPSO0240 |  |
| :---: | :---: | :---: | :---: | :--- |
| Part | Mark | Answer | Further Information |  |
| (a) | 1 |  |  | more than one answer circled $=$ <br> 0 marks <br> Accept any indication of the <br> correct answer |
| (b) | 1 | thermometer |  |  |
| Total | 2 |  |  |  |




| Question number |  | 14 | CPS00255 |  |
| :---: | :---: | :--- | :--- | :--- |
| Part | Mark | Answer | Further Information |  |
| (a) | 1 | stopwatch / stop clock / timer | Accept chronometer |  |
| Do not accept clock / watch |  |  |  |  |


| Question number |  | 15 CPS00354 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Part | Mark | Answer |  | Further Information |
| (a) | 1 | carpel | nectary petal sepal stigma | both required for one mark <br> if there are one, three or more circled = 0 marks <br> Accept any indication of the correct answer |
| (b) | 1 | seed(s) |  | Accept zygote / embryo <br> Ignore baby |
| Total | 2 |  |  |  |


| Question number |  | 16 CPS00109_A |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Part | Mark | Answer |  | Further Information |
| (a) | 2 | (A) $\mathbf{C} \boldsymbol{F}$ (E) B D |  | ```C F in correct order / place \(=1\) mark B D in correct order / place \(=1\) mark``` |
| (b) | 1 | sand |  |  |
| (c) | 2 | step | process <br> condensation <br> evaporation <br> filtration | Bevaporation = 1 mark <br> F filtration = 1 mark <br> if more than one line drawn from $B=0$ marks for $B$ <br> if more than one line drawn from $F=0$ marks for $F$ |
| Total | 5 |  |  |  |

