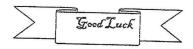
| rirst Name: | English Exam (2020) |
|--|--|
| Last Name: | |
| Group: | |
| The key feature of a PV (solar) cell is the prephotovoltaic effect is the basic physical process by very Sunlight contains photons or "packets" of energy surregions. Electrons accumulate in the n-region and potential difference (voltage) across the cell. When through the semiconductor material and provide curre | holes accumulate in the p region, producing a an external load is connected the all the second |
| A silicon solar cell consists of a thin layer or wat junction. The depth and distribution of impurity at doping process. The most commonly used process the wafer is cut, is called the Czochralski method. | oms can be controlled view |
| A- Read the text and answer the question.1- Give a title to this passage? | |
| what is the key feature of a PV solar cell? | |
| by which process a solar cell converts sunligh | t into electricity? |
| 4- What is the commonly use method for creating | g a silicon ingot? |
| of these words? | |
| Generally =, method = 6- From the text give opposites of these words? | |
| Less \neq , purity \neq , the B- Complete each of this sentences using on | e word. |
| 1- When water is converted to vapour, it is said to When gas liquefies on cooling, it is said to | id to |
| 3- When ice melts, it is said to | |
| 4- When a liquid solidifies on cooling, it is sai | d to |
| 5- When a solid changes to liquid on heating, 6- When a liquid changes to solid state it. | it is said to |
| 6- When a liquid changes to solid state, it is saC- Give one word for each of these phrases | id to |
| Invisible, absorbs, transferred, vacuum, refl | ects, space |
| 1- Completely empty space = | Y 4 mas |
| 2- Cannot be seen = 3- The space between sun and the court = | |
| 3- The space between sun and the earth =4- Passed from one place to another = | |
| 5- Throws back = | |
| 6- Takes in = | |

D- Give the two main parts of the Radar?



Correction of the Exam

| Read the text and answer the question. |
|---|
| Give a title to this passage?PV Solar Cell |
| What is the key feature of a PV solar cell? The key feature of a PV solar cell is the pn junction |
| By which process a solar cell converts sunlight into electricity? |
| Solar cell converts sunlight into electricity by the photovoltaic effect |
| The Czochralski method |
| Generally = Commonly, method = Process, produce = Create From the text give opposites of these words? |
| Less \neq most , purity \neq impurity , thick \neq Thin |
| Complete each of this sentences using one word. When water is converted to vapour, it is said to vaporize. When gas liquefies on cooling, it is said to condense When ice melts, it is said to melt. When a liquid solidifies on cooling, it is said to freeze. When a solid changes to liquid on heating, it is said to liquefy. When a liquid changes to solid state, it is said to solidify. |
| Give one word for each of these phrases Completely empty space = vacuum Cannot be seen = Invisible The space between sun and the earth = space Passed from one place to another = transferred Throws back = reflects Takes in = absorbs |
| |

D- The two main parts of the Radar are The transmitter and the receiver

