

2008公共英语二级(PETS2)考试模拟试卷七(6) PDF转换可能丢失图片或格式，建议阅读原文

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Comprehension 说明：阅读下列短文，从[A]、[B]、[C]、[D]四个选项中选择一个正确答案。 A heat pump is a single electric system (系统，制度) that both heats and cools. In summer, a heat pump is a conventional (普通的，习惯的) air conditioner which removes heat from a building. In winter, the system reverses itself to use the natural heat that is always present in outdoor air. By taking advantage of the free heat, a heat pump is more economical (节约的) to operate in winter than a system using electric resistance (阻力，抵抗，电阻) heat. Electric resistance heat uses electricity as a raw (生的，天然的) material to create (创造，产生) heat where no heat existed before. Heat pump, on the other hand, uses electricity to move existing heat from where it already exists naturally (outdoors) to where it is wanted (indoors (在室内)). Heat energy will naturally flow from areas of greater concentration to areas of lesser (较少的，次要的) concentration. That is what happens when hot food grows cool. The heat from the food flows into the air in the room until the food stabilizes at room temperature. Blowing air over substance (物质，本质，主要部分) will speed up the process (过程，工序，诉讼，加工), which is why a winter day will seem cold when there is a strong wind than when the air is still. A heat pump uses this heat transfer (转移，转让，改乘) process to move heat which is always in the air. The outdoor coil (线圈，卷) is made colder than the

outdoors air. A fan blows outdoor air across the coil where heat is absorbed by the refrigerant (冷却剂). The refrigerant is then compressed and moved to the indoor coil and the heat is distributed in the building. During the summer, a heat pump reverses this process. The indoor coil is made cooler than the indoor air, and so room heat flows into the refrigerant which is compressed and moved to the outdoor coil. The outdoor coil, which is hotter than the outdoor air, will lose heat energy.

56. A heat pump is used . to cook
to heat to cool to heat and cool

57. A heat pump is used to make the room comfortable by using . electric resistance heat natural heat and cool coal energy petrol (汽油) energy

58. Which of the following facts is true? A heat pump is used both in summer and in winter. A heat pump is only used in summer. A heat pump is only used in winter. A heat pump is only used at night.

59. How can we make the substance cool quickly? Blow cold air over it. Put it in the room. Cover it with something. Blow hot air over it.

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