

## 2<sup>ND</sup> SEMESTER REVIEW SCIENCE GRADE 5

**Choose the best answer:**

1. What is concrete made from?  
A. limestone      B. brick      C. plastic      D. wood
2. To make reinforced concrete we combine .....  
A. bricks      C. concrete with steel bars  
B. concrete with plastic      D. concrete with wood
3. Which of these is not a widely used construction material?  
A. Concrete      B. Reinforced concrete      C. Grass      D. Brick
4. Plastic is a man-made material which is usually made from .....  
A. sand      B. wood      C. oil      D. coal
5. It is easy to recycle plastic.  
A. True      C. False
6. Circle the picture which shows an object made out of plastic:  
A.       B.       C.       D. 
7. We use plastic to make umbrellas because plastic is .....  
A. fireproof      B. waterproof      C. windproof      D. heatproof
8. Which one of these is a mixture?  
A. Salad      B. Carrots      C. Air      D. Rice
9. Which one of these is not a mixture?  
A. Saltwater      B. Pizza      C. Chocolate cake      D. Cucumber
10. What is NOT true?  
A. A mixture is two or more substances which are put together.  
B. Saltwater is a solution of salt and water.  
C. A solution is a special mixture where one substance has dissolved into another.  
D. It's easy to separate concrete.
11. What is True?  
A. A solution usually occurs when a substance dissolves in a liquid.  
B. A solution is a special type of mixture.  
C. Solutions can be formed from solids, liquids, and gases.  
D. All are correct.
12. What is a reversible change?  
A. When we change a material and we can get the original material back again.  
B. When we change a material and we can not get the original material back again.

- C. Reversible changes are temporary changes to a material.  
D. A and C are correct.

13. Complete the sentence: **Making saltwater is a** .....  
A. irreversible change      C. reversible change  
B. permanent change      D. solution

14. When salt is mixed with water, the salt will break down, dissolve, and .....  
A. disappear      B. disperse      C. evaporate      D. condense

15. Decide whether the following activities irreversible changes  
A. Drying concrete      C. Freezing water  
B. Making saltwater      D. Making salad

16. What is True?  
A. Renewable resources are resources which can be used again and again.  
B. Renewable resources will eventually run out.  
C. The sun and the wind are renewable resources.  
D. Both A and C are correct.

17. Which of these is not an example of renewable energy?  
A. Solar energy      C. Coal  
B. Wind energy      D. Hydro energy

18. Which of these is not an example of non-renewable energy?  
A. Coal      B. Oil      C. Natural gas      D. Solar energy

19. To release energy from coal, we must ..... it.  
A. combust      B. evaporate      C. combustion      D. run out

20. To generate electricity at a ..... station, a non-renewable resource like coal, natural gas or oil is combusted to make heat.  
A. wind turbine      C. hydro energy  
B. thermal power      D. solar energy

..... use turbines and generators to generate electricity.  
A. Hydro power      B. Thermal power      C. Wind power      D. All are correct