

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