

2ND 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