Assignment 1

The due date for submitting the assignment is given below.

Due on: 2021-02-03, 23:59 IST.

Week 1

1. Explain the terms used in the making of construction materials and methods. 1 point
   - Mixing: the process of combining two or more materials to form a new one.
   - Molding: the process of shaping materials into a desired form.
   - Firing: the process of heating materials to a high temperature to harden them.
   - Setting: the process of a material becoming hard or rigid.
   - Casting: the process of shaping a material by pouring it into a mold.
   -Forming:

2. Describe the role of cement in construction and its properties. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

3. Discuss the importance of testing construction materials. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

4. Explain the importance of construction materials in the construction process. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

5. Discuss the role of concrete in construction and its properties. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

6. Discuss the importance of testing concrete. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

7. Discuss the role of steel in construction and its properties. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

8. Discuss the importance of testing steel. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

9. Discuss the role of wood in construction and its properties. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

10. Discuss the importance of testing wood. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

11. Discuss the role of masonry in construction and its properties. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

12. Discuss the importance of testing masonry. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

13. Discuss the role of glass in construction and its properties. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

14. Discuss the importance of testing glass. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

15. Discuss the role of rubber in construction and its properties. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

16. Discuss the importance of testing rubber. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

17. Discuss the role of plastics in construction and its properties. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

18. Discuss the importance of testing plastics. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

19. Discuss the role of tiles in construction and its properties. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

20. Discuss the importance of testing tiles. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

21. Discuss the role of water in construction and its properties. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

22. Discuss the importance of testing water. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

23. Discuss the role of energy in construction and its properties. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

24. Discuss the importance of testing energy. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

Week 2

1. Match the materials listed in Column A with their corresponding material name (Column B). 1 point
   - Column A:
   - Column B:

2. Discuss the importance of testing electrical materials. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

3. Discuss the role of electrical materials in construction. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

4. Discuss the importance of testing electrical materials. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

5. Discuss the role of mechanical materials in construction. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

6. Discuss the importance of testing mechanical materials. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

7. Discuss the role of thermal materials in construction. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

8. Discuss the importance of testing thermal materials. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

9. Discuss the role of environmental materials in construction. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

10. Discuss the importance of testing environmental materials. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

11. Discuss the role of aesthetic materials in construction. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

12. Discuss the importance of testing aesthetic materials. 1 point
    - Zinc:
    - Sulfur:
    - Phosphorus:
    - Potassium:

Week 3

1. Discuss the role of construction materials in the construction process. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

2. Discuss the importance of testing construction materials. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

3. Discuss the role of construction materials in the construction process. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

4. Discuss the importance of testing construction materials. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

Week 4

1. Discuss the role of construction materials in the construction process. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

2. Discuss the importance of testing construction materials. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

3. Discuss the role of construction materials in the construction process. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

4. Discuss the importance of testing construction materials. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

5. Discuss the role of construction materials in the construction process. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium:

6. Discuss the importance of testing construction materials. 1 point
   - Zinc:
   - Sulfur:
   - Phosphorus:
   - Potassium: