Q.1 Choose the correct answer and encircles it. 10x1=10

1. Which is the percentage of Alumina in a good brick earth.
   (a) 20% to 30%  
   (b) 10% to 15%
   (c) 40%  
   (d) 15%

2. Why gypsum is added at the time of manufacturing.
   (a) Increase in setting time.  
   (b) Decrease in setting time.
   (c) No Effect  
   (d) not added.

3. Weight of one bag of cement is
   (a) 40 Kg  
   (b) 55 Kg
   (c) 50 Kg  
   (d) 60 Kg

4. Low Carbon steel is also called as
   (a) Mild steel  
   (b) Cast Iron
   (c) Wrought Iron  
   (d) Pig Iron

5. Slump in concrete for beam and slab is
   (a) 3” to 4”  
   (b) 2” to 4”
   (c) 1” to 3”  
   (d) 5”

6. Scratching of old plaster or paint is called
   (a) Blistering  
   (b) Hacking
   (c) Peeling  
   (d) Crazing

7. Tin is used for polishing at surface of
   (a) Ferrous Metal  
   (b) Non Ferrous Metal
   (c) Both a & b  
   (d) None of these

8. Which Material is non ferrous Metal?
   (a) Lead  
   (b) Steel
   (c) Cast Iron  
   (d) None of these

9. What means of FRP
   (a) Fiber reinforced  
   (b) Fiber cement concrete
   (c) Fiber reinforced polymers  
   (d) all of these

10. Fan light is attached with on its upper portion of
    (a) Ventilator  
    (b) Window
    (c ) Door  
    (d) Almirah

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Q.1. Write the short answer to any Twelve (12) from the following questions

1. Write the main parts of building.
2. Write the difference between line plan and detail plan.
3. What is submission drawings?
4. Write the purpose of submission drawings.
5. Write names of public health fixtures.
6. Write the standard size of brick.
7. Write the types of aggregates.
8. Write the types of cement.
10. Write the steps of concreting.
11. Write the objective of painting.
12. Write the methods of sawing.
13. Write about parapet.
14. Write the names of geometrical figures.
15. Write the name of non-ferrous metals.
16. Write the difference between RCC and PCC.
17. What is timber?
18. Write the note on storage of timber.

SECTION-II

Note: Attempt Any Two (2) Questions

Q.2: Write down the characteristics of good cement concrete. 8
Q.3: What are the different methods of wood seasoning? 8
Q.4: Write about water proofing materials. 8

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