**JK Cement Ltd., Date: ……..2022**

**Place :( Jaipur)**

Technical Test Paper (Mktg.)

Name of Mktg. Executive: Time: 20 Minutes

Location: State:

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| 20 |

Max. Marks: Marks obtained:

Mobile No. -

1. Mention the places where JK grey cement plants are located in India. (1)
2. Which raw material from the following is used in grey cement manufacturing:-
3. Silt b). Granite c). Lime stone d). Copper (1)
4. What are the BIS codes for PPC and OPC 43 Gr. Cements? (1)
5. Who has invented Portland Cement? (1)
6. What is the name of four major constitutes of Hydraulic Cement ? (1)
7. What is the net weight of cement in a bag as being sold in Indian market? (1)
8. What are the various applications of Grey Cements (Any four applications)? (2)
9. How many bags (50 Kg.) of cement are there in 1 MT (metric ton)? (1)
10. What is the basic difference between OPC and PPC? (1)
11. Suppose in a slab casting, 6 bags of cement are used for 100 Sft (square feet) area, than calculate how many bags will require for 2500 sft slab area? (2)
12. If steel bars are also placed in a concrete structure, then what type of structure is this from the following?

a). Plain concrete structure, b). Steel structure, c). Reinforced concrete, d). None (1)

1. Which among the following is the correct relationship between W/C (water to cement ratio) and strength of cement?

a). Direct relation, b). Inverse relation, c). No relation (1)

1. Which among the following is the unit of strength?

a). Cm2/kg. b). Kg/Cm2 c). Kg/cm3 d). None (1)

1. What is the 28 days strength of OPC 43 Gr. cement as per BIS? (1)
2. Please write down the name of various stages of Cement manufacturing process? (any Four) (2)
3. Does colour of Cement effect the strength of Cement ? (Y/N) (1)
4. Why curing is required on cement used structures? (1)