

# Maharajahat High School (H.S.)

(Maharajahat, Raiganj, Uttar Dinajpur)

## Madhyamik Test Exam - 2019

Class – X (Batch 2019-2020)

Subject - **Optional Elective** (Construction)

**Time = 1:30 Hrs.**

**Full Marks = 30**

Answers can be written in Bengali / Hindi / English language.

- A. Fill in the Blanks. **Write only the Answers chronologically. (Any 5)** 5 x 1 = 5
1. Most common Formwork used is ..... Formwork.
  2. Ledger is a ..... Brace ( horizontal / vertical )
  3. Props are the ..... used as temporary support for building.
  4. Plumb rule and bob is used for checking the ..... of the faces of brickwork/stonework.
  5. Stones of ..... Sizes and shapes are used in rubble masonry.
  6. Bricks are manufactured by ..... Earth in rectangular blocks of uniform size and shapes.
  7. A horizontal layer of brick is termed as .....
  8. Curing for cement concrete floors is done for ..... days. ( 7 / 10 / 3 / 8 )
  9. .... are Green Skills. 1 Inch is equal to ..... mm.
  10. In Concrete, Aggregate ratios are in ..... : ..... proportions.
- B. Answer the following Questions **Briefly & to the point. (Any 5)** 5 x 2 = 10
1. What is Formwork? Name different types of Formworks used in construction site.
  2. Name Hand Tools and Power Tools used in masonry works.
  3. What is Scaffolding ? Name different types of Scaffoldings used in construction site.
  4. What is curing and how it is done ?
  5. Sketch different Bats and Closers.
  6. What are the Dos and Don'ts of working at heights ?
  7. What is Tile work ? Write the procedure of laying tiles in floors.
  8. What is Plastering and Pointing ?
  9. Name different types of Floorings.
  10. What are Self Management Skills ?
- C. Answer the following Questions **Descriptive & to the point. (Any 5)** 5 x 3 = 15
1. What are the Characteristics of an Ideal Base of Scaffolding ?
  2. What is Rubble Masonry ? Table different types of stones used for different jobs.
  3. What are the Visual checks carried out for the stability of the scaffoldings?
  4. Draw the Block diagram of a Computer. Write the functions of each Peripherals.
  5. What are the managements of ; Anger & Tension ?
  6. What are the basic PPEs used at construction Sites ?
  7. What are the basic causes and precautions of Site Accidents ?
  8. What are the steps of Cement Concrete Flooring work ?
  9. Draw sketches of Formwork of ; RCC Slab & Beam **OR** Stairs.
  10. What are the Points to be considered during Brick Masonry Works ?