Printed Pages: 01 **Subject Code:AR602/ NAR602**

Paper Id: 181254 **Roll No:** | | | | | | | | | | |

BARCH
(SEM VI) THEORY EXAMINATION 2018-19
CONSTRUCTION & MATERIAL-VI

Time: 3 Hours ***Total Marks:50***

Notes:

- *Read instructions carefully, attempt accordingly.*
- *All sections are compulsory.*
- *Stationary Supplied: 2 Cartridge sheets only.*
- *Be precise in your answers.*
- *Assume any missing data.*
- *Properly label the drawing*

SECTION – A

1. Write short notes on: **(10 X 1= 10)**

a. Laying of foundation
b. lsolated foundation
c. Shoring
d. Hydraulic hammer
e. Underpinning
f. Nylon
g. Trenching
b. Silicon resins
i. Compactor
j. Polyethylene

SECTION – B

2. Attempt any five questions. All questions carry equal marks **(5X 5=25)**

a. How pumps are used for RMC?
b. Explain thermosetting plastic.
c. Explain with the help of sketches Combined footing.
d. Explain function of dumper with the help of neat sketches.
e. Explain, with the help of sketches, various types of pile foundation?
f. Enumerate five advantages of PVC pipes over GI pipes
g. Explain the tcrm Cellular raft with the help of neat sketches.
h. Draw folded platc RCC Staircase with the help of sketches.

SECTION – C

3. Attempt any one question in your answer booklet. **(1X 15= 15)**

a. Draw the construction detail of a Grillage foundation? Explain with the help of sketches?
b. Classify various types of piles based in
(i) Function (ii) Material
c. Draw Construction detail os a flat slab with grid size of 9.0m X 9.0m?

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