

T. Y. B.ARCH. SEM – V (2010 COURSE) : WINTER - 2017
SUBJECT: HISTORY & BUILDING SCIENCES – V

Day: **Saturday**
Date: **11/11/2017**

Time: – **10.00 AM TO 01.00 PM**
Max Marks. 100

W-2017-3254

N.B.

- 1) Q. No. 1 and 7 are **COMPULSORY**.
- 2) Attempt any **FOUR** out of questions No 2, 3, 4, 5 and 6.
- 3) Attempt any **TWO** out of questions No 8, 9 and 10.
- 4) Section I and II to be solved in **SEPARATE** answer book.

SECTION - I

- Q.1** Write short notes on (Any **FOUR**) (20)
- a) Mies van der Rohe
 - b) Bauhaus School
 - c) Maratha Architecture
 - d) Five points of Architecture by Le Corbusier
 - e) Art Deco
- Q.2** Explain contribution of Lauri Baker to Indian Architecture. (10)
- Q.3** Discuss the impact of Industrial Revolution on Architecture of 19th century. (10)
- Q.4** Explain works of any two Indian Architects in post Industrial Period. (10)
- Q.5** Discuss the philosophy and works of F.L. Wright. (10)
- Q.6** Explain post modernism with suitable example. (10)

SECTION - II

- Q.7** Write short notes on (Any **FOUR**) (20)
- a) Air cycle
 - b) Wind scoop
 - c) Permeable building effect
 - d) Light shelves
 - e) Types of Lamps
- Q.8** Explain the Stack Ventilation system and its advantages over Cross ventilation. (10)
- Q.9** Explain concept of day light factor and components like IRC and ERC. (10)
- Q.10** Different components of HVAC system and explain its flow diagram. (10)