

S. Y. B.ARCH. SEM – IV (2010 COURSE) : SUMMER - 2018
SUBJECT : HISTORY & BUILDING SCIENCES – IV

Day : **Monday**
Date : **07/05/2018**

Time : **02.00 PM TO 05.00 PM**
Max. Marks : 100

S-2018-3322

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer books.

SECTION – I

Q.1 Write short notes on **ANY FOUR** of the following: **[20]**

- a) Haveli Architecture at Jaisalmer
- b) Pavilion Tombs
- c) Minarets
- d) Stepped wells at Adalaj
- e) Salient features of Madarasa

Q.2 Write **ANY TWO** of the following: **[20]**

- a) Discuss plan, section of Taj Mahal at Agra.
- b) Explain developments of mosques in Indo Islamic period.
- c) Discuss the development of colonial Architecture in India with reference to its style and features.

Q.3 Answer **ANY TWO** of the following: **[20]**

- a) Discuss site planning and Architectural features of Fatehpur Sikri.
- b) Ibrahim Rouza, Bijapur.
- c) Discuss salient features of Indo Islamic Architecture with any one relevant example of a structure in detail.

SECTION – II

Q.4 Answer **ANY TWO** of the following: **[20]**

- a) Explain the function and component parts of a typical Manhole.
- b) Explain various tests employed for testing of drains and pipes.
- c) Explain the systems used for the conveyance of refuse from the sanitary fittings to house drain.

Q.5 Write short notes on **ANY FOUR** of the following: **[20]**

- a) Bio-gas
- b) Soak-pit
- c) Garbage disposal
- d) Types of traps
- e) Flushing Cistern

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