

Section 1

- Q-1 (i) Plastering :
- Plastering is the process of covering rough surface of walls, columns, ceilings and other building component with thin coat of plastic mortar to form a smooth durable surface.
 - The coating of plastic material (i.e., mortar) is termed as plaster.
 - Plastering on external exposed surface is known as rendering.

- Pointing :
- The term pointing is used to denote the finishing of mortar joints of either stone masonry or brick masonry.
 - The joints are raked out to a depth of about 20mm and these spaces are filled up by suitable mortar in the desired shape.

- (ii) Acoustics :
- Acoustics is the science of sound, which deals with origin, propagation and auditory sensation of sound, and also with design and construction of different building units to set optimum conditions for producing and listening speech, music, etc.

b) The knowledge of this science is necessary for the proper functional design of theatres, cinema halls, auditoriums, conference halls, hospital etc. so that unwanted sound is excluded or insulated.

ii) HVAC : a) The process of creating, controlling and maintaining indoor atmospheric conditions best suited to the requirements of man or to the needs of industry is known as air conditioning.

b) The process consists of conditioning air with respect to humidity, temperature, odour, bacteria content, dust content and air movement so that comfortable conditions are maintained inside the room.

c) At present, the ventilation is required not merely to furnish warm air or cool air. But the ventilation system should provide air of such qualities regarding humidity, temperature, etc. as to make the room comfortable at all times during the year called Heating Ventilation.