

- (e) List the characteristics of fire resisting materials.
- (f) Explain the role of lifts and escalators in the buildings.

**SECTION - C** (3 × 10 = 30)

4. Answer any *THREE* of the following :

- (a) Describe any four sanitary fittings with neat illustrations.
- (b) Write an essay on heat insulating materials.
- (c) Write about the general fire safety requirements for buildings.
- (d) Elaborate on various types of lifts and their uses.
- (e) Explain in detail different air conditioning systems.
- (f) With neat sketches, explain the water distribution systems.

Register Number :

Name of the Candidate :

**5 4 8 0**

**B.Sc. DEGREE EXAMINATION, 2012**

( INTERIOR DESIGN )

( SECOND YEAR )

( PAPER - XXI )

**208. INTERIOR SERVICE SYSTEM**

( Including Lateral Entry )

December ]

[ Time : 3 Hours

Maximum : 60 Marks

**SECTION - A** (10 × 1 = 10)

1. Fill in the blanks :

- (a) A temperature range suitable to the majority of the people is called the ..... zone.
- (b) Scientific study of sound is known as .....
- (c) An ..... is a long delayed reflection in acoustics.

**Turn Over**

- (d) ..... resonators consist of a container with a small opening, where absorption of sound takes place.
- (e) ..... means supply of fresh air and removing dust, heat and other pollutants for human comfort.
- (f) The process of extracting moisture from the cooled air during summer is called .....
- (g) ..... is an example of heat insulating material.
- (h) Sound absorbing materials are ..... in nature.
- (i) Sound is measured in .....
- (j) Maximum air movement is achieved by keeping the sill height ..... m to ..... m from the floor level.

2. State True or False : (5×1=5)

- (a) PVC pipes are not corrosion resistant.

- (b) The process of extracting moisture from the cooled air during summer is called humidification.
- (c) The primary function of a trap is to seal the foul air entering the building.
- (d) Normal relative humidity should be between 40 and 60 percent in the air.
- (e) Combustible materials do not contribute to the growth of fire.

**SECTION - B** (3 × 5 = 15)

3. Answer any THREE of the following :

- (a) Write short notes on traps.
- (b) What are the general methods of thermal insulation?
- (c) How will you provide natural and artificial ventilation inside the rooms?
- (d) Explain the terms :
  - (i) Echo.
  - (ii) Reverberation.

**Turn Over**