

S.Y. M- Arch. (General Architecture) (Semester –IV) Examination, OCT-2020
Advanced Services in High rise Buildings

Q.01) Demand of Highrise Buildings Because of ____

- a) Scarcity of land in urban areas
- b) Human aspiration to build higher
- c) Economic growth
- d) All of Above

Q.02) A fire detector cannot detect

- a) Radiation
- b) Heat
- c) Light
- d) Smoke

Q.03) Which factors play important role in determining high rise building shape?

- a) Structural performance against various acting forces
- b) MEP design
- c) Plot shape and size
- d) All of above

Q.04) Civil aviation factor determines which criteria of the high rise?

- a) Total permissible height including apex structure
- b) Building shape
- c) Roof top structure heights
- d) None of above.

Q.05) Major factor determining high rise designs are

- a) Soil condition
- b) Wind load factor
- c) Building façade profile
- d) Height vs footprint ratio

Q.06) SBAS Integration in Highrise means ?

- a) Smart Building Automation System.
- b) Smart Building Assessment System.
- c) Smart Building Accreditation System.
- d) None of the Above

Q.07) SMART , Smartness Approach in Highrise means?

- a) Integrated Technology Approach
- b) Intelligent Technology Approach
- c) Integrated task time Approach
- d) Reduce Manpower Approach

Q.08) In Todys context most of the development country adopt_____ Highrise Strategies for the Economic growth

- a) Sustainable
- b) Vernacular
- c) Modern
- d) Technological.

Q.09) Factor determining lift/elevator design speed

- a) Maximum 1 minute time to reach from highest to lowest floor
- b) Maximum 1 minute time to reach from any floor till the fire evacuation refuge
- c) Maximum 1 minute time to reach ground without any persons inside
- d) None of above.

Q.10) Earthquake resistance in a high rise building depends on

- a) The ratio of height to base
- b) Thickness of the structure
- c) Arrangement of the structure
- d) All of above

Q.11) Biggest impact of high rise density on urban character of a city is

- a) Density of population
- b) Soil erosion
- c) High impact on traffic
- d) None of above

Q.12) In 1931 Empire State Building

- a) High rise Single-Function Office Building
- b) High rise Single-Function Hotel Buildings
- c) High rise Single-Function Residential Building
- d) High rise t Mixed-Use Building

Q.13) Active fire protection Measures include ____initiating device

- a) Smoke detectors
- b) Lamp
- c) Regular Switch
- d) Fan

Q.14) Petronas Tower is a classified under ____ Building

- a) First Generation
- b) Second Generation
- c) Third Generation
- d) None of above.

Q.15) What is MRL Technology means in Case of Elevators ?

- a) Machine Room Less
- b) Magnetic Room Less
- c) Modern Room Less
- d) None of Above