Wisconsin Commercial Building Inspector Certification
Chapter IBC 11, 12, 14 & 15 Practice Questions

Answer Key 12

Chapter 11

Units required to be **Type B** units are permitted to be designed and constructed as Accessible units or as Type A units.

Accessible routes within the site shall be provided from public transportation stops; accessible parking; accessible passenger loading zones and public streets or sidewalks to the **accessible building entrance**.

Where no elevator service is provide in a structure, only the dwelling and sleeping units that are located on stories indicated are required to be **Type A** and **Type B**.

Directional signage indicating the route to the nearest like accessible element shall be provided at **inaccessible** building entrances.

Accessible routes shall coincide with or be located in the same area ass a general circulation path.

Where the combined total water closet compartments and urinals provided in a toilet room or bathing facility is **six** or more, at least one ambulatory-accessible water closet compartment shall be provided in addition to the wheelchair-accessible compartment.

One drinking fountain shall comply with the requirements for people who use a wheelchair and one drinking fountain shall comply with the requirements for **standing persons**.

In Group R-2 occupancies containing more than 20 dwelling units or sleeping units, at least **2 percent** but not less than one of the units shall be a Type A unit.

Chapter 12

Crawl spaces shall be provided with a minimum of one access opening not less than **18 inches** by **24 inches**.

For buildings exceeding **14 stories** in height, the required width of the yard shall be computed on the basis of 14 stories.

Artificial light shall be provided that is adequate to provide an average illumination of **10 foot-candles** over the area of the room at a height of **30 inches** above the floor level.

Where openings below grade provide required natural ventilation, the outside horizontal clear space measured perpendicular to the opening shall be **one and one-half times** the depth of the opening.

Occupiable spaces, habitable spaces and corridors shall have a ceiling height of not less than **7 feet 6 inches**.

In other than dwelling units, toilet and bating room floors shall have a smooth, hard, nonabsorbent surface that extends upwards onto the walls at least **6 inches**.

Chapter 14

The minimum thickness of natural stone in **2 inches**.

Flashing shall be installed in such a manner so as to prevent moisture from entering the wall or to redirect it to the exterior.

Flashing and **weepholes** shall be located in the first course of masonry above finished ground level above the foundation wall or slab, and other points of support.

Where installed on exterior walls having a fire separation distance of **5 feet** or less, combustible exterior wall coverings shall not exhibit sustained flaming as defined in NFPA 268.

The aggregate length shall not exceed **50 percent** of the buildings perimeter on each floor.

The tolerable level incident radiant heat energy for a fire separation distance of 14 feet is **6.7 kW/m^2**.

Exterior walls shall be designed and constructed to resist safely the superimposed loads required by **Chapter 16**. Exterior walls shall be fire-resistance rated as required by to the sections of this code as required by **Chapter 7**.

Where combustible exterior wall covering is located along the top of exterior walls, such trim shall be **completely backed up by the exterior wall** and shall not extend over or above the top of exterior walls.

Chapter 15

Flashing shall be installed in such a manner so as to prevent moisture entering the wall and roof through joints in copings, through moisture-permeable materials and at intersections with parapet walls and other penetrations through the roof plane.

The minimum roof covering classification for construction type IIIB is **C**.

Asphalt shingles shall only be used on roof slopes of **two units vertical in 12 units horizontal** or greater.

A penthouse or other projection above the roof in structures of other than Type I construction shall not exceed **28 feet** above the roof where used as an enclosure for tanks or for elevators that run to the roof and in all other cases shall not extend more than **18 feet** above the roof.

Flashing shall be installed at wall and roof intersections, at gutters, wherever there is a change in roof slope or direction and around roof openings.

One or more layers of felt, sheathing paper, nonbituminous saturated felt or other approved material over which a steep-sloped roof covering is applied is an **underlayment**.

The **roof assembly** consists of roof deck, vapor retarder, substrate, insulation, vapor retarder and roof covering.

Where the existing roof has **two** or more applications of any type of roof covering new roof covering shall not be installed without first removing all existing layers.