

## HANDOUT - IBC

#	Question	Answer	What book/section	Indexed?
1	When working in a restaurant with an occupancy load of 75 or more, what category (use group) does the space fall into?	A-2 use group	IBC- page 41 section 303.3, A-2 use group, when the occupancy is less than 50, the use group would change to B	
2	Concrete foundation shall be protected from freezing during depositing and for a period of?	5 days	IBC- page 431 section 1808.8.4	
3	A restaurant with an occupancy load of 45 people is considered a ____use group.	B	IBC page 41 sec 303.1.1	
4	What is the maximum #of stories of a retail store, fully sprinklered, constructed out of 5A construction?	4 stories	IBC- page 99 Table 504.4	
5	A 17,500 square foot, 1 story, use group S-1 building of a type 2B construction, has a retail store in the same building. For the retail store to be classified as an accessory use, its maximum allowable square footage is?	1,750 square feet	IBC- page 109 section 509.3	
6	What is the fire resistance rating for a non load bearing interior wall for 2B construction.	0 hours	IBC page 113 Table601	
7	What is the resistance rating for load bearing exterior wall for 1B construction?	2 hours	IBC- page 113 Table 601	
8	How many construction types are there?	There are five	IBC- page 113 section 602.1	
9	Types ___ and ___ construction are those types of construction in which the building elements listed in table 601 are of noncombustible materials, except as permitted in section 603 and else where in this code?	Type 1 and Type 2	IBC- page 113 section 602.2	

10	An exterior wall in Type 1 construction is located adjacent to a lot line. The required fire resistance rating of the wall will vary according to all of the following factors, except the? a. fire separation b. occupancy classification of the building c. building height d. bearing or non bearing status of the wall	Building height	IBC- Chapter 6	
11	In a type 4 construction, wood columns shall be sewn or glue laminated and shall not be less than _____ nominal in any dimension where supporting floor loads?	8"	IBC- page 114 section 602.4.3	
12	What is the minimum size of beams and girders in Type 4 construction?	6" wide by 10" deep (types 4 construction=heavy timber	IBC- page 114 section 602.4.4	
13	Openings through a firewall shall not exceed _____ square feet? The aggregated width of openings at any floor level shall not exceed _____ percent of the length of the wall, located in a non-sprinkled building?	156 square feet and 25 percent	IBC- page 126 section 706.8	
14	The maximum spacing of fireblocking within concealed spaces of exterior architectural elements located in an office should be ____ feet?	20 feet	IBC- page 149 section 718.2.6	
15	Shortcrete shall be kept continuously moist for _____ after shortcreteing is complete?	24 hours	IBC- page 451 section 1908.9.1	
16	During the curing periods specified herein, shortcrete shall be maintained above _____ degrees and in a moist condition?	40°	IBC- page 451 section 1908.9	
17	Door handles in a bank shall be installed at a maximum of ____ inches above finished floor.	48 inches	IBC-page-263 1010.1.9.2	
18	The design, fabrication and erection of structural steel for buildings and structures shall be in accordance with which standard	AISC 360	IBC- page 470 section 2206.1	
19	What standard are steel joist governed by?	SJI (standard joist institute)	IBC- page 470 section 2207.1	
20	Walls, partitions and floor/ceiling assemblies, separating dwelling units and sleeping units from each other or from public or service areas, shall have a sound transmission class of not less than ____ or not less than ____, if field-tested in accordance with ASTM E-90? a. 45, 50 b. 50, 50 c. 50, 45 d. 40, 45	c . 50, 45	IBC, page 314, 1207.2	

21	All of the following statements are true when referring to the acceptance criteria for textile and expanded vinyl wall or ceiling coverings EXCEPT? a. it must be tested in accordance to ASTM E-84 b. it must be tested in accordance to UL 723 c. Must have a class A flame spread d. Textile wall covering can not be over 3 feet	d. textile wall covering can not be over 3 feet	IBC- page 204 section 803.1.4 (textile is another word for carpet)	
22	A manual fire alarm is required in an office building with an occupant load exceeding?	500	IBC- page 224 section 907.2.2	
23	What is the distance that a pull box for a manual fire alarm be placed from an entrance?	5 feet	IBC- page 231 section 907.4.2.1	
24	Smoke proof enclosures shall be separated from the remainder of the building by a minimum of?	2 hour fire barrier	IBC- page 242 section 909.20.6.1	
25	In a non sprinklered B use group occupancy, what is the max length of exit access travel distance.	200 feet	IBC- page 277 table 1017.2	
26	Doors shall swing in the direction of egress travel when?	Serving an occupant load of 50 or more	IBC- page 261 section 1010.1.2.1	
27	A registered design professional must be contracted when using steel trusses greater than?	60'	IBC- page 471 section 2211.3.3	
28	What is the min height of a guardrail located on a type 1A highrise on the 15th floor.	42 inches	IBC pg 274 1015.3	
29	A boiler room/furnace room with an area of over 500 sq feet and any fuel fired equipment over 400,000 BTU is required to have?	Two exit doors	IBC page 254 1006.2.2.1	
30	Class C roof covering can be used in all of the following construction types except? a)2b b)3b c)5b d)1a	All but 1a	IBC page 335 table 1504.8	
31	Class C roofing material is only acceptable for ?	Light fire exposure	IBC page 336 1505.	
32	What is the difference between class A and class C roofing material?	Class A is more fire resistant	IBC page 336 1505.2 &3	
33	For a commercial building, what is the maximum nail spacing used for attaching hardboard lap siding directly to exterior studs?	16" on center	IBC- page 513 table 2308.6.3(5)	
34	The use of above deck, thermal insulation shall be permitted provided it is covered with an approved roof covering and passes test of _____ when tested in an assembly?	NFPA276 or UL1236	IBC page 348 sec 1508.1	

35	Where a structure has been demolished or removed, the vacant lot shall be?	Filled and maintained to existing grade	IBC- page 591 section 3303.4	
36	If required, a pedestrian barrier is required to be a minimum of ____ feet high?	8 feet high	IBC- page 592 section 3306.5	
37	The person making or causing an excavation shall provide written notice delivered not less than ____ prior to start?	10 days	IBC- page 593 section 3307.1	
38	A wall built of masonry units or of plain concrete or a combination of these materials, arranged to provide an air space within the wall and in which the inner and outer parts of the wall are tied together with metal ties is called a?	Definition of Cavity wall	IBC Definition – page 39, under wall	
39	What best defines the property of materials or their assemblies, which prevent or retard the passage of excessive heat, hot gases or flames under conditions of use?	Definition of Fire Resistance	IBC Definition- page 22	
40	When required by the building official or where geotechnical investigations is needed, such investigations shall be conducted by ?	Registered Design Professional	IBC page 417 sec 1803.1	
41	What is the required grade around a foundation wall? The foundation is for a new office building.	one unit vertical in 20 units horizontal for a min of 10 feet 5% slope	IBC page 419 sec 1804.4	
42	Foamed-in-place roof insulation shall be installed in accordance with the manufacturer's instructions. A liquid-applied protective coating that complies shall be applied no less than ____ hours nor more than ____ hours following the applications of the foam.	2 and 72	IBC- page 347, section 1507.14.3	

