

Program: Civil Engineering
Curriculum Scheme: Rev2016

Examination: Second Year Semester IV

Course Code: CEC 405 and Course Name: Building Materials and Construction Technology
Time: 1 hour Max. Marks: 50

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For the students:- All the Questions are compulsory and carry equal marks .

Q1.	The projecting course at ground floor level is known as _____
Option A:	Throating
Option B:	Plinth
Option C:	Coping
Option D:	Weathering
Q2.	Which of the following is the term for a projecting stone which is usually provided to serve as support for roof truss, beam, weather shed, etc.?
Option A:	Course
Option B:	Cornice
Option C:	Corbel
Option D:	Coping
Q3.	An indentation in the face of a brick to form a key for holding the mortar is called
Option A:	Tooting
Option B:	Cownose
Option C:	Frog
Option D:	Bullnose
Q4.	Which bond is the strongest in brick work?
Option A:	Raking Bond
Option B:	English Bond
Option C:	Garden-wall bond
Option D:	Dutch bond
Q5.	A header course is provided after several stretcher courses in:
Option A:	Header bond
Option B:	Stretcher bond
Option C:	Flemish bond
Option D:	Facing bond
Q6.	What is the name of the temporary framework useful in construction, demolition, maintenance or repair works?
Option A:	Underpinning
Option B:	Shoring
Option C:	Scaffolding
Option D:	Grouting
Q7.	The type of scaffolding in which working platform is supported on tripods, ladders etc mounted on wheels is called
Option A:	Cantilever scaffolding
Option B:	Mason's scaffolding
Option C:	Bricklayers scaffolding
Option D:	Trestle scaffolding

Q8.	The white crystalline substance which appears on the plastered surface due to the presence of salts is called
Option A:	Efflorescence
Option B:	Blistering
Option C:	Cracking
Option D:	Flaking
Q9.	Which of the following tend to accelerate the setting of cement and to improve the strength of concrete in early stages?
Option A:	Chlorides
Option B:	Sulphates
Option C:	Sodium
Option D:	Potassium
Q10.	Which of the following term is describe the ease or difficulty with which concrete is handed, transported and placed?
Option A:	Water-cement ratio
Option B:	Homogeneous mixture
Option C:	Setting time
Option D:	Workability
Q11.	The test commonly used in the field to measure the workability of concrete mixture which is
Option A:	Vee-bee test
Option B:	Slump test
Option C:	Compaction factor
Option D:	Workability test
Q12.	Soda-lime glass is also known as
Option A:	Hard-glass
Option B:	Potash-glass
Option C:	Lead-glass
Option D:	Soft-glass
Q13.	Which of the following is used to prepare soluble glass?
Option A:	Magnesia
Option B:	Caustic soda
Option C:	Quartz sand
Option D:	Lead dioxide
Q14.	The process of slow and gradual cooling of glass articles is known as
Option A:	Pressing
Option B:	Rolling
Option C:	Annealing
Option D:	Spinning
Q15.	Lime is obtained from the calcination of
Option A:	Sandstone
Option B:	Limestone
Option C:	Lime-silica
Option D:	Lime-concrete
Q16.	Which of the following timbers are generally the strongest?

Option A:	Timbers with narrow annular rings
Option B:	Timbers with wide annular rings
Option C:	Timbers with indistinct annular rings
Option D:	Timbers with distinct annular rings
Q17.	What is the approximate mix proportion for M25?
Option A:	1:3:6
Option B:	1:2:4
Option C:	1:1.5:3
Option D:	1:1:2
Q18.	The size of a commonly used specimen for compression test is:
Option A:	50×30 mm
Option B:	150x150x150 mm
Option C:	150x50x50 mm
Option D:	150×150 mm
Q19.	The admixtures which cause early setting, and hardening of concrete are called
Option A:	Plasticizers
Option B:	Retarders
Option C:	Super plasticizer
Option D:	Accelerators
Q20.	Strength of concrete increases with
Option A:	Increase with w/c ratio
Option B:	Increase in fineness of cement
Option C:	Decrease in size of aggregates
Option D:	Decrease in curing time
Q21.	Which cement contains high percentage of C ₃ S and less percentage of C ₂ S?
Option A:	Rapid Hardening Cement
Option B:	Ordinary Portland Cement
Option C:	Quick Setting Cement
Option D:	Low Heat Cement
Q22.	What do you mean by bulking?
Option A:	The moisture present in aggregate forms a film around each particle
Option B:	Fine aggregate shows completely realistic volume
Option C:	The volume increase of fine aggregate due to presence of moisture content in it
Option D:	The state of setting something apart from others
Q23.	Quarry faced finished stones are also called:
Option A:	Reticulated finish
Option B:	Hammer faced finish
Option C:	Rock faced stones
Option D:	Plain finish

Q24.	The appearance of glossy patches on the painted surface is called:
Option A:	Flashing
Option B:	Blooming
Option C:	Running
Option D:	Blistering
Q25.	What is the meaning of soundness of cement?
Option A:	Ability to flow when mixed
Option B:	Ability to make ringing noise when struck
Option C:	Ability to form strong and sound structure
Option D:	Ability to retain volume after setting.