

Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
 - 2) Attempt any 50 questions out of 60.
 - 3) Use of calculator is allowed.
 - 4) Each question carries 1 Mark.
 - 5) Specially abled students are allowed 20 minutes extra for examination.
 - 6) Do not use pencils to darken answer.
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Q.no 1. Flat slabs are mainly used for _____

- A : Long span
- B : Medium spans
- C : Short spans
- D : Cantilever spans

Q.no 2. Which type of varnishes dry slowly, but they form hard and durable surface?

- A : Oil
- B : Spirit

C : Water

D : Turpentine

Q.no 3. Which of them is a defect in timber?

A : Knots

B : Seasoning

C : Warping

D : tempering

Q.no 4. A concrete slab made of reinforced concrete with concrete ribs running in two directions on its underside is called as -

A : Flat Slab

B : Waffle Slab

C : Flat Plate

D : Post tensioning slab

Q.no 5. Which component is important in section active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 6. What are the joints employed to extend the width of board or planks, which are placed edge to edge?

A : Angle

B : Widening

C : Lapped

D : Oblique

Q.no 7. In post-tensioning process, steel is pulled before -

A : Concrete is poured

B : Load is applied

C : formwork is done

D : casting of column

Q.no 8. Saving of weight and material is done in which type of RCC flooring system?

A : Flat Slab

B : Flat Plate slab

C : Ribbed slab

D : Band beam system

Q.no 9. Which component is important in vector active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional depths of the components

D : surface action

Q.no 10. A reinforced-concrete floor construction not requiring beams and girders to transmit the floor load to supporting columns is called as _____

A : Flat slab

B : Waffle slab

C : RCC slab

D : Shear slab

Q.no 11. Which component is important in surface active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 12. Material used as insulator in double skin partitions is -

A : Sheep wool

B : Glass powder

C : Glass wool

D : Timber shavings

Q.no 13. Sole member in partitions is a _____

A : Horizontal member supporting Studs.

B : Horizontal member topping Studs

C : Cross member in the frame

D : Wedge between walls and frames.

Q.no 14. In Prestressing, the tendons are tensioned against -

A : Abutment

B : Jacket

C : Concrete block

D : Concrete grout

Q.no 15. Suspended ceilings are _____

A : Suspended from top

B : Suspended from corner

C : Suspended from below

D : suspended from door

Q.no 16. 'Studs' in partitions are _____

- A : Horizontal members used in framings.
- B : Vertical members used in framings
- C : Cross members used in framings.
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Q.no 17. Which structural element is absent in Flat Slab construction?

- A : Column capitals
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Q.no 18. A series of 'pins' cut to extend from the end of one board interlock with a series of 'tails' cut into the end of another board is called as -

- A : Dovetailed joint
- B : Widening Joint
- C : Tongued and Grooved Joint
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Joint

Q.no 19. In Bulk active structures ,members those transmit compressive load vertically are_____

- A : Beam
- B : Foundation
- C : Column
- D : Roof

Q.no 20. Out of the given options, which is not a defect in paints?

- A : Blistering

B : Wrinkling

C : Flaking

D : Foxiness

Q.no 21. Which joint is formed by putting the two timber pieces one over the other from a short distance and the binding them together by means of iron straps or Stirrups?

A : Scarfed

B : Spliced

C : Mortise and tenon

D : Lapped

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Q.no 25. What is the function of drier in a varnish ?

A : to accelerate process of drying

B : to make the varnish durable

C : to give glossy finish to varnish

D : to impart liquidity to varnish

Q.no 26. Which one is not a step of timber processing?

A : Felling

B : Seasoning

C : Warping

D : Preservation

Q.no 27. The two members meeting at an angle can be joined by a -

A : Bridle joint

B : Oblique tenon joint

C : Mitre joint

D : Birds mouth joint

Q.no 28. Which capacity of slab increases due to flat slab construction?

A : Tensile capacity

B : Shear Capacity

C : Compressive capacity

D : Lateral capacity

Q.no 29. Physical volume of the space below does not get reduced in _____

A : Open False ceiling

B : Closed false ceiling

C : Suspended False ceiling

D : Half suspended ceiling

Q.no 30. Ribbed slabs are mainly used where -

A : Floor to floor height is to reduced

B : Clear Soffit is required

C : Soffit is exposed

D : Soffit is enclosed

Q.no 31. A reinforced concrete frame system with a uniform thickness that is supported directly over the columns or the load-bearing walls is called as _____

A : Flat Plate

B : Waffle slab

C : Beam Band system

D : Ribbed Slab

Q.no 32. In Post tensioning method the cable duct is filled later with _____

A : Brick Bat

B : Soil

C : Steel

D : Grout

Q.no 33. Extrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

Q.no 34. Glass blocks in glass partitions are joined together by _____

A : Glass welding

B : Fevicol

C : Very thin fine sand cement mortar

D : Araldite

Q.no 35. The appearance of Anticorrosive paint is in color is -

A : Blue

B : White

C : Black

D : Yellow

Q.no 36. What is the liquid part of the paint called?

A : pigment

B : vehicle

C : base

D : drier

Q.no 37. Suspended decorated ceilings cannot be provided to _____

A : Service floors

B : Auditoriums

C : Hotels

D : Conference halls

Q.no 38. Electrical provisions can be easily installed in -

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Q.no 40. In pre stressed concrete beam, tensile stress is taken care by ____

A : Steel anchor

B : Steel tendon

C : Steel pipe

D : Hollow duct

Q.no 41. The type of stress carried by column and bearing walls is _____

A : Compressive stress

B : Tensile stress

C : Lateral stress

D : Horizontal Stress

Q.no 42. In Segmental Arch, the center of n arch lies_____

A : below the springing line

B : above the springing line

C : on the springing line

D : above one third portion of springing line

Q.no 43. Folded plate structure is one of type of -

A : Form active systems

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 44. Out of the given options, which material is not suitable for panelling?

A : Timber

B : Gypsum

C : PVC

D : Mud mortar

Q.no 45. Complicated formwork is used in -

A : Waffle Slab

B : Cantilever Slab

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Q.no 46. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

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Q.no 47. Which type of partiiton is used for better sound insulation?

A : Single skin partitions

B : Double skin partitions

C : Partitions with glass louvers are used.

D : Louver Partition

Q.no 48. Drop panels are used to -

A : Increase shear strength of slab

B : Reduce deflection

C : Increase decorative value

D : Reduce lateral stress

Q.no 49. The straps provided in case of Lapped joint are -

A : Aluminum

B : Nickel

C : Wooden

D : Iron

Q.no 50. Which defect is caused by water vapor which is trapped behind the painted surface?

A : Flaking

B : Fading

C : Blistering

D : Flashing

Q.no 51. At the supports, beams are designed to deal with ____

A : Shear stress

B : Lateral stress

C : Bending stress

D : Compressive Stress

Q.no 52. Which liquid medium is used to prepare solution of resin for making varnish ?

A : water

B : alcohol

C : naptha

D : acid

Q.no 53. Which of them do not define as property of hardwood?

A : Quick growth

B : Contain little resin

C : Compact arrangement of grains

D : Slow growth

Q.no 54. 3D trusses are also called as _____

A : Flat trusses

B : Curved

C : Prismatic

D : Space

Q.no 55. Dynamic Loads are considered for _____

A : Swimming pools

B : water tanks

C : Bridges

D : Basement structures

Q.no 56. Row of arches in continuation is called as _____

A : Curvature

B : Façade

C : Arcade

D : Keystone

Q.no 57. Shell structure is one of the type of _____

A : Form active system

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 58. Pneumatic structures are based on _____

A : the use of trusses

B : the use of structural frames

C : the use of curvatures

D : the use of air pressure

Q.no 59. The structural design principles of continuous flat slab floors are similar to:

A : One way slab

B : Two way slab

C : Cantilever slab

D : Diagonal slab

Q.no 60. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Answer for Question No 1. is b

Answer for Question No 2. is a

Answer for Question No 3. is a

Answer for Question No 4. is b

Answer for Question No 5. is c

Answer for Question No 6. is b

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- A : Column capitals
- B : Shear walls
- C : Footings
- D : Beams

Q.no 2. The first coat of paint applied during the painting process called as -

- A : Priming coat
- B : Finishing coat
- C : End coat

D : Under coat

Q.no 3. Which component is important in surface active systems?

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A : Sheep wool

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Q.no 10. The members those transfer load vertically in bulk active system are -

A : Column and load bearing walls

B : Beam and Slab

C : Roof and purlin

D : Girder and Rafter

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Q.no 13. Pigment is mixed in paints to give desired _____.

A : smoothness

B : color

C : appearance

D : durability

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B : self-supporting tensile structure

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B : Soil

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Q.no 32. Which type of varnish is a variety of French polish

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Q.no 37. Which is a natural medium for seasoning of timber ?

- A : Air
- B : Chemical
- C : Kiln
- D : Boiling

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Q.no 44. In pre stressed concrete beam, tensile stress is taken care by ____

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B : Steel tendon

C : Steel pipe

D : Hollow duct

Q.no 45. What is the base material for distemper?

A : chalk

B : sand

C : clay

D : lime putty

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A : Aluminum

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Q.no 52. The structural design principles of continuous flat slab floors are similar to:

A : One way slab

B : Two way slab

C : Cantilever slab

D : Diagonal slab

Q.no 53. The hanging sections are used in suspended ceiling system are made up of _____

A : Aluminium

B : Mild steel

C : Galvanised steel

D : Structural steel

Q.no 54. 3D trusses are also called as _____

A : Flat trusses

B : Curved

C : Prismatic

D : Space

Q.no 55. Shell structure is one of the type of _____

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B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 56. What is the liquid medium used in Oil paints?

A : thinner

B : alcohol

C : turpentine

D : linseed oil

Q.no 57. If 'L' is centre to centre distance between two columns, then Length of Drop panel is:

A : Half of length 'L'

B : One fourth of length 'L'

C : One third of length 'L'

D : One Fifth of length 'L'

Q.no 58. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Q.no 59. Soft wood Ply is made up from -

A : Oak

B : Beech

C : Cedar

D : Mahogany

Q.no 60. Dynamic Loads are considered for_____

A : Swimming pools

B : water tanks

C : Bridges

D : Basement structures

Answer for Question No 1. is d

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C : Water

D : Turpentine

Q.no 9. The first coat of paint applied during the painting process called as -

A : Priming coat

B : Finishing coat

C : End coat

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B : Shear walls

C : Footings

D : Beams

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A : vector forces in members

B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 12. Which component is important in vector active systems?

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Q.no 13. The members those transfer load vertically in bulk active system are -

A : Column and load bearing walls

B : Beam and Slab

C : Roof and purlin

D : Girder and Rafter

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A : Long span

B : Medium spans

C : Short spans

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Q.no 15. Suspended ceilings are _____

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C : formwork is done

D : casting of column

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A : hiding the service lines

B : For better natural light

C : For aesthetic purpose

D : for reducing the volume of space and load on A.C.

Q.no 18. A series of 'pins' cut to extend from the end of one board interlock with a series of 'tails' cut into the end of another board is called as -

A : Dovetailed joint

B : Widening Joint

C : Tongued and Grooved Joint

D : Angle
Joint

Q.no 19. Saving of weight and material is done in which type of RCC flooring system?

A : Flat Slab

B : Flat Plate slab

C : Ribbed slab

D : Band beam system

Q.no 20. Which component is important in surface active systems?

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B : profile, shape and form

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D : surface action

Q.no 21. In Prestressing, the tendons are tensioned against -

A : Abutment

B : Jacket

C : Concrete block

D : Concrete grout

Q.no 22. Which of them is a defect in timber?

A : Knots

B : Seasoning

C : Warping

D : tempering

Q.no 23. What are the joints employed to extend the width of board or planks, which are placed edge to edge?

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B : Widening

C : Lapped

D : Oblique

Q.no 24. A reinforced-concrete floor construction not requiring beams and girders to transmit the floor load to supporting columns is called as _____

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A : below the springing line

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C : on the springing line

D : above one third portion of springing line

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B : Steel tendon

C : Steel pipe

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Q.no 28. Which type of partiiton is used for better sound insulation?

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B : Double skin partitions

C : Partitions with glass louvers are used.

D : Louver Partition

Q.no 29. Complicated formwork is used in -

A : Waffle Slab

B : Cantilever Slab

C : Flat Slab

D : Flat Plate

Q.no 30. Which type of varnish is a variety of French polish

A : Oil Varnish

B : Turpentine varnish

C : Spirit Varnish

D : Water varnish

Q.no 31. What is the liquid part of the paint called?

A : pigment

B : vehicle

C : base

D : drier

Q.no 32. The appearance of Anticorrosive paint is in color is -

A : Blue

B : White

C : Black

D : Yellow

Q.no 33. Electrical provisions can be easily installed in -

A : waffle slab

B : Flat slab

C : Flat plate slab

D : two way slab

Q.no 34. Physical volume of the space below does not get reduced in _____

A : Open False ceiling

B : Closed false ceiling

C : Suspended False ceiling

D : Half suspended ceiling

Q.no 35. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

A : Widening joint

B : Angle joint

C : Oblique Joint

D : Corner joint

Q.no 36. Drop panels are used to -

A : Increase shear strength of slab

B : Reduce deflection

C : Increase decorative value

D : Reduce lateral stress

Q.no 37. Which one is not a step of timber processing?

A : Felling

B : Seasoning

C : Warping

D : Preservation

Q.no 38. Glass blocks in glass partitions are joined together by _____

A : Glass welding

B : Fevicol

C : Very thin fine sand cement mortar

D : Araldite

Q.no 39. Which defect is caused by water vapor which is trapped behind the painted surface?

- A : Flaking
- B : Fading
- C : Blistering
- D : Flashing

Q.no 40. Which is a natural medium for seasoning of timber ?

- A : Air
- B : Chemical
- C : Kiln
- D : Boiling

Q.no 41. In Post tensioning method the cable duct is filled later with _____

- A : Brick Bat
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Q.no 43. Suspended decorated ceilings cannot be provided to _____

- A : Service floors
- B : Auditoriums

C : Hotels

D : Conference halls

Q.no 44. The straps provided in case of Lapped joint are -

A : Aluminum

B : Nickel

C : Wooden

D : Iron

Q.no 45. A reinforced concrete frame system with a uniform thickness that is supported directly over the columns or the load-bearing walls is called as _____

A : Flat Plate

B : Waffle slab

C : Beam Band system

D : Ribbed Slab

Q.no 46. Intrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

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Q.no 48. Folded plate structure is one of type of -

A : Form active systems

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 49. Out of the given options, which material is not suitable for panelling?

A : Timber

B : Gypsum

C : PVC

D : Mud mortar

Q.no 50. The two members meeting at an angle can be joined by a -

A : Bridle joint

B : Oblique tenon joint

C : Mitre joint

D : Birds mouth joint

Q.no 51. At the supports, beams are designed to deal with ____

A : Shear stress

B : Lateral stress

C : Bending stress

D : Compressive Stress

Q.no 52. In membrane structures, primarily structural membrane possesses -

A : Compression

B : tension

C : Shear

D : lateral stress

Q.no 53. Soft wood Ply is made up from -

A : Oak

B : Beech

C : Cedar

D : Mahogany

Q.no 54. The structural design principles of continuous flat slab floors are similar to:

A : One way slab

B : Two way slab

C : Cantilever slab

D : Diagonal slab

Q.no 55. Thickening in flat slab at the column is called as _____

A : Column pedestal

B : Cornice

C : Drop Panel

D : Column Head

Q.no 56. If 'L' is centre to centre distance between two columns, then Length of Drop panel is:

A : Half of length 'L'

B : One fourth of length 'L'

C : One third of length 'L'

D : One Fifth of length 'L'

Q.no 57. 3D trusses are also called as _____

A : Flat trusses

B : Curved

C : Prismatic

D : Space

Q.no 58. What is the liquid medium used in Oil paints?

A : thinner

B : alcohol

C : turpentine

D : linseed oil

Q.no 59. Which liquid medium is used to prepare solution of resin for making varnish ?

A : water

B : alcohol

C : naptha

D : acid

Q.no 60. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Answer for Question No 1. is b

Answer for Question No 2. is a

Answer for Question No 3. is a

Answer for Question No 4. is d

Answer for Question No 5. is c

Answer for Question No 6. is b

Answer for Question No 7. is c

Answer for Question No 8. is a

Answer for Question No 9. is a

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Answer for Question No 16. is b

Answer for Question No 17. is b

Answer for Question No 18. is a

Answer for Question No 19. is c

Answer for Question No 20. is d

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Answer for Question No 24. is a

Answer for Question No 25. is b

Answer for Question No 26. is a

Answer for Question No 27. is b

Answer for Question No 28. is b

Answer for Question No 29. is a

Answer for Question No 30. is c

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Answer for Question No 33. is a

Answer for Question No 34. is a

Answer for Question No 35. is b

Answer for Question No 36. is a

Answer for Question No 37. is c

Answer for Question No 38. is c

Answer for Question No 39. is c

Answer for Question No 40. is a

Answer for Question No 41. is d

Answer for Question No 42. is c

Answer for Question No 43. is a

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Answer for Question No 49. is d

Answer for Question No 50. is c

Answer for Question No 51. is a

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Answer for Question No 54. is b

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Answer for Question No 56. is c

Answer for Question No 57. is c

Answer for Question No 58. is d

Answer for Question No 59. is b

Answer for Question No 60. is d

Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
 - 2) Attempt any 50 questions out of 60.
 - 3) Use of calculator is allowed.
 - 4) Each question carries 1 Mark.
 - 5) Specially abled students are allowed 20 minutes extra for examination.
 - 6) Do not use pencils to darken answer.
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Q.no 1. Which type of varnishes dry slowly, but they form hard and durable surface?

- A : Oil
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Q.no 2. Sole member in partitions is a _____

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Q.no 6. In Bulk active structures ,members those transmit compressive load vertically are_____

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B : Foundation

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Q.no 7. A reinforced-concrete floor construction not requiring beams and girders to transmit the floor load to supporting columns is called as _____

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D : Band beam system

Q.no 10. Which structural element is absent in Flat Slab construction?

A : Column capitals

B : Shear walls

C : Footings

D : Beams

Q.no 11. Pigment is mixed in paints to give desired _____.

A : smoothness

B : color

C : appearance

D : durability

Q.no 12. Out of the given options, which is not a defect in paints?

A : Blistering

B : Wrinkling

C : Flaking

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Q.no 19. Flat slabs are mainly used for _____

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Q.no 20. What is the function of drier in a varnish ?

A : to accelerate process of drying

B : to make the varnish durable

C : to give glossy finish to varnish

D : to impart liquidity to varnish

Q.no 21. In pre-tensioned concrete, steel is pulled before -

A : Concrete is poured

B : Load is applied

C : tension is applied

D : casting of column

Q.no 22. Material used as insulator in double skin partitions is -

A : Sheep wool

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D : above one third portion of springing line

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A : self-supporting compressive structure

B : self-supporting tensile structure

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- B : Soil
- C : Steel
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Q.no 38. The straps provided in case of Lapped joint are -

- A : Aluminum
- B : Nickel

C : Wooden

D : Iron

Q.no 39. Which capacity of slab increases due to flat slab construction?

A : Tensile capacity

B : Shear Capacity

C : Compressive capacity

D : Lateral capacity

Q.no 40. Suspended decorated ceilings cannot be provided to _____

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C : Soffit is exposed

D : Soffit is enclosed

Q.no 43. Which is a natural medium for seasoning of timber ?

A : Air

B : Chemical

C : Kiln

D : Boiling

Q.no 44. The type of stress carried by column and bearing walls is _____

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B : Tensile stress

C : Lateral stress

D : Horizontal Stress

Q.no 45. Extrados of an arch means -

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C : Vector active systems

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Q.no 48. In pre stressed concrete beam, tensile stress is taken care by ____

A : Steel anchor

B : Steel tendon

C : Steel pipe

D : Hollow duct

Q.no 49. What is the base material for distemper?

A : chalk

B : sand

C : clay

D : lime putty

Q.no 50. The appearance of Anticorrosive paint is in color is -

A : Blue

B : White

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Q.no 51. At the supports, beams are designed to deal with ____

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Q.no 52. What is binding material gets used in Emulsion Paints?

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B : Zinc white

C : White lead

D : Polyvinyl acetate

Q.no 53. The hanging sections are used in suspended ceiling system are made up of _____

A : Aluminium

B : Mild steel

C : Galvanised steel

D : Structural steel

Q.no 54. Which of them do not define as property of hardwood?

A : Quick growth

B : Contain little resin

C : Compact arrangement of grains

D : Slow growth

Q.no 55. Pneumatic structures are based on _____

A : the use of trusses

B : the use of structural frames

C : the use of curvatures

D : the use of air pressure

Q.no 56. In membrane structures, primarily structural membrane possesses -

A : Compression

B : tension

C : Shear

D : lateral stress

Q.no 57. 3D trusses are also called as _____

A : Flat trusses

B : Curved

C : Prismatic

D : Space

Q.no 58. Row of arches in continuation is called as _____

A : Curvature

B : Façade

C : Arcade

D : Keystone

Q.no 59. Thickening in flat slab at the column is called as _____

A : Column pedestal

B : Cornice

C : Drop Panel

D : Column Head

Q.no 60. In post tensioning the member which pulls the cables is known as -

A : Hydraulic Jack

B : Steel bars

C : Steel pipe

D : Steel Reinforcement

Answer for Question No 1. is a

Answer for Question No 2. is a

Answer for Question No 3. is c

Answer for Question No 4. is a

Answer for Question No 5. is c

Answer for Question No 6. is c

Answer for Question No 7. is a

Answer for Question No 8. is a

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Answer for Question No 11. is b

Answer for Question No 12. is d

Answer for Question No 13. is b

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Answer for Question No 15. is a

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Answer for Question No 60. is a

Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

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Q.no 1. Which component is important in surface active systems?

- A : vector forces in members
- B : profile, shape and form
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C : to give glossy finish to varnish

D : to impart liquidity to varnish

Q.no 21. In post-tensioning process, steel is pulled before -

A : Concrete is poured

B : Load is applied

C : formwork is done

D : casting of column

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Q.no 23. Saving of weight and material is done in which type of RCC flooring system?

A : Flat Slab

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Q.no 24. Out of the given options, which is not a defect in paints?

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Q.no 25. What are the joints employed to extend the width of board or planks, which are placed edge to edge?

A : Angle

B : Widening

C : Lapped

D : Oblique

Q.no 26. Folded plate structure is one of type of -

A : Form active systems

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 27. Extrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

Q.no 28. A reinforced concrete frame system with a uniform thickness that is supported directly over the columns or the load-bearing walls is called as _____

A : Flat Plate

B : Waffle slab

C : Beam Band system

D : Ribbed Slab

Q.no 29. Which defect is caused by water vapor which is trapped behind the painted surface?

A : Flaking

B : Fading

C : Blistering

D : Flashing

Q.no 30. The type of stress carried by column and bearing walls is _____

A : Compressive stress

B : Tensile stress

C : Lateral stress

D : Horizontal Stress

Q.no 31. In Segmental Arch, the center of n arch lies_____

A : below the springing line

B : above the springing line

C : on the springing line

D : above one third portion of springing line

Q.no 32. Which one is not a step of timber processing?

A : Felling

B : Seasoning

C : Warping

D : Preservation

Q.no 33. Physical volume of the space below does not get reduced in _____

A : Open False ceiling

B : Closed false ceiling

C : Suspended False ceiling

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B : Cantilever Slab

C : Flat Slab

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Q.no 36. In Post tensioning method the cable duct is filled later with _____

A : Brick Bat

B : Soil

C : Steel

D : Grout

Q.no 37. Which type of partiiton is used for better sound insulation?

A : Single skin partitions

B : Double skin partitions

C : Partitions with glass louvers are used.

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Q.no 38. The two members meeting at an angle can be joined by a -

A : Bridle joint

B : Oblique tenon joint

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D : Birds mouth joint

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A : pigment

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A : Blue

B : White

C : Black

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A : self-supporting compressive structure

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A : Widening joint

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Q.no 48. Suspended decorated ceilings cannot be provided to _____

A : Service floors

B : Auditoriums

C : Hotels

D : Conference halls

Q.no 49. Glass blocks in glass partitions are joined together by _____

A : Glass welding

B : Fevicol

C : Very thin fine sand cement mortar

D : Araldite

Q.no 50. In pre stressed concrete beam, tensile stress is taken care by ____

A : Steel anchor

B : Steel tendon

C : Steel pipe

D : Hollow duct

Q.no 51. Which of them do not define as property of hardwood?

A : Quick growth

B : Contain little resin

C : Compact arrangement of grains

D : Slow growth

Q.no 52. The hanging sections are used in suspended ceiling system are made up of _____

A : Aluminium

B : Mild steel

C : Galvanised steel

D : Structural steel

Q.no 53. Thickening in flat slab at the column is called as _____

A : Column pedestal

B : Cornice

C : Drop Panel

D : Column Head

Q.no 54. In post tensioning the member which pulls the cables is known as -

A : Hydraulic Jack

B : Steel bars

C : Steel pipe

D : Steel Reinforcement

Q.no 55. Row of arches in continuation is called as _____

A : Curvature

B : Façade

C : Arcade

D : Keystone

Q.no 56. If 'L' is centre to centre distance between two columns, then Length of Drop panel is:

A : Half of length 'L'

B : One fourth of length 'L'

C : One third of length 'L'

D : One Fifth of length 'L'

Q.no 57. Dynamic Loads are considered for_____

A : Swimming pools

B : water tanks

C : Bridges

D : Basement structures

Q.no 58. The structural design principles of continuous flat slab floors are similar to:

A : One way slab

B : Two way slab

C : Cantilever slab

D : Diagonal slab

Q.no 59. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Q.no 60. Shell structure is one of the type of _____

A : Form active system

B : Surface active systems

C : Vector active systems

D : Section active system

Answer for Question No 1. is d

Answer for Question No 2. is c

Answer for Question No 3. is a

Answer for Question No 4. is d

Answer for Question No 5. is a

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Answer for Question No 7. is d

Answer for Question No 8. is b

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Answer for Question No 19. is a

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Answer for Question No 22. is a

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Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
 - 2) Attempt any 50 questions out of 60.
 - 3) Use of calculator is allowed.
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 - 5) Specially abled students are allowed 20 minutes extra for examination.
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- D : Post tensioning slab

Q.no 2. Which component is important in surface active systems?

- A : vector forces in members
- B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 3. The members those transfer load vertically in bulk active system are -

A : Column and load bearing walls

B : Beam and Slab

C : Roof and purlin

D : Girder and Rafter

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Q.no 6. Out of the given options, which cannot be a reason to provide suspended ceiling?

A : hiding the service lines

B : For better natural light

C : For aesthetic purpose

D : for reducing the volume of space and load on A.C.

Q.no 7. A reinforced-concrete floor construction not requiring beams and girders to transmit the floor load to supporting columns is called as _____

A : Flat slab

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C : RCC slab

D : Shear slab

Q.no 8. Out of the given options, which is not a defect in paints?

A : Blistering

B : Wrinkling

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Q.no 9. What are the joints employed to extend the width of board or planks, which are placed edge to edge?

A : Angle

B : Widening

C : Lapped

D : Oblique

Q.no 10. Suspended ceilings are _____

A : Suspended from top

B : Suspended from corner

C : Suspended from below

D : suspended from door

Q.no 11. What is the function of drier in a varnish ?

A : to accelerate process of drying

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B : Seasoning

C : Warping

D : tempering

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B : Spirit

C : Water

D : Turpentine

Q.no 23. 'Studs' in partitions are _____

A : Horizontal members used in framings.

B : Vertical members used in framings

C : Cross members used in framings.

D : Members supporting partitions from top

Q.no 24. Pigment is mixed in paints to give desired _____.

A : smoothness

B : color

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Q.no 30. Glass blocks in glass partitions are joined together by _____

A : Glass welding

B : Fevicol

C : Very thin fine sand cement mortar

D : Araldite

Q.no 31. Out of the given options, which material is not suitable for panelling?

A : Timber

B : Gypsum

C : PVC

D : Mud mortar

Q.no 32. The type of stress carried by column and bearing walls is _____

A : Compressive stress

B : Tensile stress

C : Lateral stress

D : Horizontal Stress

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A : Air

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A : Blue

B : White

C : Black

D : Yellow

Q.no 38. Ribbed slabs are mainly used where -

A : Floor to floor height is to reduced

B : Clear Soffit is required

C : Soffit is exposed

D : Soffit is enclosed

Q.no 39. Arch is type of -

A : self-supporting compressive structure

B : self-supporting tensile structure

C : Surface active structure

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Q.no 40. Physical volume of the space below does not get reduced in _____

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Q.no 48. Which type of partiiton is used for better sound insulation?

A : Single skin partitions

B : Double skin partitions

C : Partitions with glass louvers are used.

D : Louver Partition

Q.no 49. What is the base material for distemper?

A : chalk

B : sand

C : clay

D : lime putty

Q.no 50. In Post tensioning method the cable duct is filled later with _____

A : Brick Bat

B : Soil

C : Steel

D : Grout

Q.no 51. In membrane structures, primarily structural membrane possesses -

A : Compression

B : tension

C : Shear

D : lateral stress

Q.no 52. What is the liquid medium used in Oil paints?

- A : thinner
- B : alcohol
- C : turpentine
- D : linseed oil

Q.no 53. At the supports, beams are designed to deal with ____

- A : Shear stress
- B : Lateral stress
- C : Bending stress
- D : Compressive Stress

Q.no 54. In post tensioning the member which pulls the cables is known as -

- A : Hydraulic Jack
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Q.no 56. The structural design principles of continuous flat slab floors are similar to:

- A : One way slab
- B : Two way slab

C : Cantilever slab

D : Diagonal slab

Q.no 57. 3D trusses are also called as _____

A : Flat trusses

B : Curved

C : Prismatic

D : Space

Q.no 58. Which liquid medium is used to prepare solution of resin for making varnish ?

A : water

B : alcohol

C : naptha

D : acid

Q.no 59. Which of them do not define as property of hardwood?

A : Quick growth

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Answer for Question No 57. is c

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Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
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Joint

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B : color

C : appearance

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Q.no 7. Sole member in partitions is a _____

A : Horizontal member supporting Studs.

B : Horizontal member topping Studs

C : Cross member in the frame

D : Wedge between walls and frames.

Q.no 8. Which joint is employed to extend the length of a member by joining two pieces of timber ?

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Q.no 9. Which component is important in vector active systems?

A : vector forces in members

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Q.no 10. In pre-tensioned concrete, steel is pulled before -

A : Concrete is poured

B : Load is applied

C : tension is applied

D : casting of column

Q.no 11. Material used as insulator in double skin partitions is -

A : Sheep wool

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C : Glass wool

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D : Members supporting partitions from top

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B : Medium spans

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C : Lateral stress

D : Horizontal Stress

Q.no 34. Which defect is caused by water vapor which is trapped behind the painted surface?

- A : Flaking
- B : Fading
- C : Blistering
- D : Flashing

Q.no 35. Extrados of an arch means -

- A : inner curve of an arch
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Q.no 42. Out of the given options, which material is not suitable for panelling?

A : Timber

B : Gypsum

C : PVC

D : Mud mortar

Q.no 43. Which is a natural medium for seasoning of timber ?

A : Air

B : Chemical

C : Kiln

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Q.no 44. Physical volume of the space below does not get reduced in _____

A : Open False ceiling

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Q.no 45. Folded plate structure is one of type of -

A : Form active systems

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Q.no 49. The straps provided in case of Lapped joint are -

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B : Nickel

C : Wooden

D : Iron

Q.no 50. Suspended decorated ceilings cannot be provided to _____

A : Service floors

B : Auditoriums

C : Hotels

D : Conference halls

Q.no 51. Thickening in flat slab at the column is called as _____

A : Column pedestal

B : Cornice

C : Drop Panel

D : Column Head

Q.no 52. Which of them do not define as property of hardwood?

A : Quick growth

B : Contain little resin

C : Compact arrangement of grains

D : Slow growth

Q.no 53. Row of arches in continuation is called as _____

A : Curvature

B : Façade

C : Arcade

D : Keystone

Q.no 54. The structural design principles of continuous flat slab floors are similar to:

A : One way slab

B : Two way slab

C : Cantilever slab

D : Diagonal slab

Q.no 55. Soft wood Ply is made up from -

A : Oak

B : Beech

C : Cedar

D : Mahogany

Q.no 56. In post tensioning the member which pulls the cables is known as -

A : Hydraulic Jack

B : Steel bars

C : Steel pipe

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Q.no 57. The hanging sections are used in suspended ceiling system are made up of _____

A : Aluminium

B : Mild steel

C : Galvanised steel

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Q.no 58. Which liquid medium is used to prepare solution of resin for making varnish ?

A : water

B : alcohol

C : naptha

D : acid

Q.no 59. Shell structure is one of the type of _____

A : Form active system

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C : Vector active systems

D : Section active system

Q.no 60. At the supports, beams are designed to deal with _____

A : Shear stress

B : Lateral stress

C : Bending stress

D : Compressive Stress

Answer for Question No 1. is d

Answer for Question No 2. is a

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Answer for Question No 4. is b

Answer for Question No 5. is b

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Answer for Question No 9. is a

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Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

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Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
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C : Ribbed slab

D : Band beam system

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D : Angle
Joint

Q.no 5. Which joint is formed by putting the two timber pieces one over the other from a short distance and the binding them together by means of iron straps or Stirrups?

A : Scarfed

B : Spliced

C : Mortise and tenon

D : Lapped

Q.no 6. Material used as insulator in double skin partitions is -

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Q.no 9. Sole member in partitions is a _____

A : Horizontal member supporting Studs.

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C : Cross member in the frame

D : Wedge between walls and frames.

Q.no 10. In post-tensioning process, steel is pulled before -

A : Concrete is poured

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C : formwork is done

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Q.no 11. What is the function of drier in a varnish ?

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B : to make the varnish durable

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Q.no 12. In Bulk active structures ,members those transmit compressive load vertically are_____

A : Beam

B : Foundation

C : Column

D : Roof

Q.no 13. Which type of varnishes dry slowly, but they form hard and durable surface?

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D : Turpentine

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A : Concrete is poured

B : Load is applied

C : tension is applied

D : casting of column

Q.no 15. A concrete slab made of reinforced concrete with concrete ribs running in two directions on its underside is called as -

A : Flat Slab

B : Waffle Slab

C : Flat Plate

D : Post tensioning slab

Q.no 16. Pigment is mixed in paints to give desired _____.

A : smoothness

B : color

C : appearance

D : durability

Q.no 17. Out of the given options, which is not a defect in paints?

A : Blistering

B : Wrinkling

C : Flaking

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Q.no 19. 'Studs' in partitions are _____

A : Horizontal members used in framings.

B : Vertical members used in framings

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Q.no 20. Which of them is a defect in timber?

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B : Seasoning

C : Warping

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Q.no 21. A reinforced-concrete floor construction not requiring beams and girders to transmit the floor load to supporting columns is called as _____

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B : Waffle slab

C : RCC slab

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Q.no 22. Flat slabs are mainly used for _____

A : Long span

B : Medium spans

C : Short spans

D : Cantilever spans

Q.no 23. Which joint is employed to extend the length of a member by joining two pieces of timber ?

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B : Angle

C : Lengthening

D : Bearing

Q.no 24. The members those transfer load vertically in bulk active system are -

A : Column and load bearing walls

B : Beam and Slab

C : Roof and purlin

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- A : Steel anchor
- B : Steel tendon
- C : Steel pipe
- D : Hollow duct

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Q.no 36. Which capacity of slab increases due to flat slab construction?

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A : Service floors

B : Auditoriums

C : Hotels

D : Conference halls

Q.no 38. Electrical provisions can be easily installed in -

A : waffle slab

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Q.no 39. Physical volume of the space below does not get reduced in _____

A : Open False ceiling

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A : Single skin partitions

B : Double skin partitions

C : Partitions with glass louvers are used.

D : Louver Partition

Q.no 43. Ribbed slabs are mainly used where -

A : Floor to floor height is to reduced

B : Clear Soffit is required

C : Soffit is exposed

D : Soffit is enclosed

Q.no 44. Which is a natural medium for seasoning of timber ?

A : Air

B : Chemical

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Q.no 50. Glass blocks in glass partitions are joined together by _____

A : Glass welding

B : Fevicol

C : Very thin fine sand cement mortar

D : Araldite

Q.no 51. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

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A : Column pedestal

B : Cornice

C : Drop Panel

D : Column Head

Q.no 53. Which liquid medium is used to prepare solution of resin for making varnish ?

A : water

B : alcohol

C : naptha

D : acid

Q.no 54. If 'L' is centre to centre distance between two columns, then Length of Drop panel is:

A : Half of length 'L'

B : One fourth of length 'L'

C : One third of length 'L'

D : One Fifth of length 'L'

Q.no 55. Pneumatic structures are based on _____

A : the use of trusses

B : the use of structural frames

C : the use of curvatures

D : the use of air pressure

Q.no 56. What is the liquid medium used in Oil paints?

A : thinner

B : alcohol

C : turpentine

D : linseed oil

Q.no 57. Dynamic Loads are considered for_____

A : Swimming pools

B : water tanks

C : Bridges

D : Basement structures

Q.no 58. Shell structure is one of the type of _____

A : Form active system

B : Surface active systems

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D : Section active system

Q.no 59. The hanging sections are used in suspended ceiling system are made up of _____

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A : Oak

B : Beech

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Answer for Question No 56. is d

Answer for Question No 57. is c

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Answer for Question No 59. is a

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10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

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- A : Scarfed
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Q.no 3. Suspended ceilings are _____

A : Suspended from top

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C : Suspended from below

D : suspended from door

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A : Flat slab

B : Waffle slab

C : RCC slab

D : Shear slab

Q.no 8. Out of the given options, which cannot be a reason to provide suspended ceiling?

A : hiding the service lines

B : For better natural light

C : For aesthetic purpose

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Q.no 9. Which of them is a defect in timber?

A : Knots

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A : Column capitals

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C : PVC

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Q.no 45. Which one is not a step of timber processing?

A : Felling

B : Seasoning

C : Warping

D : Preservation

Q.no 46. Ribbed slabs are mainly used where -

A : Floor to floor height is to reduced

B : Clear Soffit is required

C : Soffit is exposed

D : Soffit is enclosed

Q.no 47. The straps provided in case of Lapped joint are -

A : Aluminum

B : Nickel

C : Wooden

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Q.no 48. In Post tensioning method the cable duct is filled later with _____

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Q.no 50. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

A : Widening joint

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Q.no 51. If 'L' is centre to centre distance between two columns, then Length of Drop panel is:

A : Half of length 'L'

B : One fourth of length 'L'

C : One third of length 'L'

D : One Fifth of length 'L'

Q.no 52. In post tensioning the member which pulls the cables is known as -

A : Hydraulic Jack

B : Steel bars

C : Steel pipe

D : Steel Reinforcement

Q.no 53. Dynamic Loads are considered for_____

A : Swimming pools

B : water tanks

C : Bridges

D : Basement structures

Q.no 54. Shell structure is one of the type of _____

A : Form active system

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 55. Pneumatic structures are based on _____

A : the use of trusses

B : the use of structural frames

C : the use of curvatures

D : the use of air pressure

Q.no 56. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Q.no 57. Which of them do not define as property of hardwood?

A : Quick growth

B : Contain little resin

C : Compact arrangement of grains

D : Slow growth

Q.no 58. In membrane structures, primarily structural membrane possesses -

A : Compression

B : tension

C : Shear

D : lateral stress

Q.no 59. The structural design principles of continuous flat slab floors are similar to:

A : One way slab

B : Two way slab

C : Cantilever slab

D : Diagonal slab

Q.no 60. Row of arches in continuation is called as _____

A : Curvature

B : Façade

C : Arcade

D : Keystone

Answer for Question No 1. is c

Answer for Question No 2. is d

Answer for Question No 3. is a

Answer for Question No 4. is a

Answer for Question No 5. is a

Answer for Question No 6. is b

Answer for Question No 7. is a

Answer for Question No 8. is b

Answer for Question No 9. is a

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Answer for Question No 13. is a

Answer for Question No 14. is a

Answer for Question No 15. is b

Answer for Question No 16. is c

Answer for Question No 17. is a

Answer for Question No 18. is d

Answer for Question No 19. is a

Answer for Question No 20. is a

Answer for Question No 21. is d

Answer for Question No 22. is c

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Answer for Question No 24. is c

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Answer for Question No 28. is a

Answer for Question No 29. is a

Answer for Question No 30. is a

Answer for Question No 31. is b

Answer for Question No 32. is b

Answer for Question No 33. is a

Answer for Question No 34. is c

Answer for Question No 35. is a

Answer for Question No 36. is a

Answer for Question No 37. is a

Answer for Question No 38. is b

Answer for Question No 39. is a

Answer for Question No 40. is b

Answer for Question No 41. is c

Answer for Question No 42. is c

Answer for Question No 43. is a

Answer for Question No 44. is d

Answer for Question No 45. is c

Answer for Question No 46. is c

Answer for Question No 47. is d

Answer for Question No 48. is d

Answer for Question No 49. is a

Answer for Question No 50. is b

Answer for Question No 51. is c

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Answer for Question No 53. is c

Answer for Question No 54. is b

Answer for Question No 55. is d

Answer for Question No 56. is d

Answer for Question No 57. is a

Answer for Question No 58. is b

Answer for Question No 59. is b

Answer for Question No 60. is c

Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
 - 2) Attempt any 50 questions out of 60.
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-

Q.no 1. Which structural element is absent in Flat Slab construction?

A : Column capitals

B : Shear walls

C : Footings

D : Beams

Q.no 2. In post-tensioning process, steel is pulled before -

A : Concrete is poured

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C : formwork is done

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Q.no 3. Out of the given options, which cannot be a reason to provide suspended ceiling?

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C : For aesthetic purpose

D : for reducing the volume of space and load on A.C.

Q.no 4. A series of 'pins' cut to extend from the end of one board interlock with a series of 'tails' cut into the end of another board is called as -

A : Dovetailed joint

B : Widening Joint

C : Tongued and Grooved Joint

D : Angle
Joint

Q.no 5. The members those transfer load vertically in bulk active system are -

A : Column and load bearing walls

B : Beam and Slab

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Q.no 9. A concrete slab made of reinforced concrete with concrete ribs running in two directions on its underside is called as -

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B : Waffle Slab

C : Flat Plate

D : Post tensioning slab

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A : Scarfed

B : Spliced

C : Mortise and tenon

D : Lapped

Q.no 11. 'Studs' in partitions are _____

A : Horizontal members used in framings.

B : Vertical members used in framings

C : Cross members used in framings.

D : Members supporting partitions from top

Q.no 12. In Prestressing, the tendons are tensioned against -

A : Abutment

B : Jacket

C : Concrete block

D : Concrete grout

Q.no 13. Sole member in partitions is a _____

A : Horizontal member supporting Studs.

B : Horizontal member topping Studs

C : Cross member in the frame

D : Wedge between walls and frames.

Q.no 14. Out of the given options, which is not a defect in paints?

A : Blistering

B : Wrinkling

C : Flaking

D : Foxiness

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B : Foundation

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Q.no 16. Which type of varnishes dry slowly, but they form hard and durable surface?

A : Oil

B : Spirit

C : Water

D : Turpentine

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A : Suspended from top

B : Suspended from corner

C : Suspended from below

D : suspended from door

Q.no 20. Which component is important in surface active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 21. What is the function of drier in a varnish ?

A : to accelerate process of drying

B : to make the varnish durable

C : to give glossy finish to varnish

D : to impart liquidity to varnish

Q.no 22. Saving of weight and material is done in which type of RCC flooring system?

A : Flat Slab

B : Flat Plate slab

C : Ribbed slab

D : Band beam system

Q.no 23. What are the joints employed to extend the width of board or planks, which are placed edge to edge?

A : Angle

B : Widening

C : Lapped

D : Oblique

Q.no 24. Which component is important in section active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 25. The first coat of paint applied during the painting process called as -

A : Priming coat

B : Finishing coat

C : End coat

D : Under coat

Q.no 26. Ribbed slabs are mainly used where -

A : Floor to floor height is to reduced

B : Clear Soffit is required

C : Soffit is exposed

D : Soffit is enclosed

Q.no 27. Which capacity of slab increases due to flat slab construction?

A : Tensile capacity

B : Shear Capacity

C : Compressive capacity

D : Lateral capacity

Q.no 28. The appearance of Anticorrosive paint is in color is -

A : Blue

B : White

C : Black

D : Yellow

Q.no 29. Which defect is caused by water vapor which is trapped behind the painted surface?

A : Flaking

B : Fading

C : Blistering

D : Flashing

Q.no 30. A reinforced concrete frame system with a uniform thickness that is supported directly over the columns or the load-bearing walls is called as _____

A : Flat Plate

B : Waffle slab

C : Beam Band system

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Q.no 31. In Post tensioning method the cable duct is filled later with _____

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C : Steel

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C : Vector active systems

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B : Nickel

C : Wooden

D : Iron

Q.no 34. Which type of varnish is a variety of French polish

A : Oil Varnish

B : Turpentine varnish

C : Spirit Varnish

D : Water varnish

Q.no 35. The two members meeting at an angle can be joined by a -

A : Bridle joint

B : Oblique tenon joint

C : Mitre joint

D : Birds mouth joint

Q.no 36. Physical volume of the space below does not get reduced in _____

A : Open False ceiling

B : Closed false ceiling

C : Suspended False ceiling

D : Half suspended ceiling

Q.no 37. What is the liquid part of the paint called?

A : pigment

B : vehicle

C : base

D : drier

Q.no 38. Which is a natural medium for seasoning of timber ?

A : Air

B : Chemical

C : Kiln

D : Boiling

Q.no 39. In Segmental Arch, the center of n arch lies_____

A : below the springing line

B : above the springing line

C : on the springing line

D : above one third portion of springing line

Q.no 40. Glass blocks in glass partitions are joined together by _____

A : Glass welding

B : Fevicol

C : Very thin fine sand cement mortar

D : Araldite

Q.no 41. Arch is type of -

A : self-supporting compressive structure

B : self-supporting tensile structure

C : Surface active structure

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Q.no 42. Which one is not a step of timber processing?

A : Felling

B : Seasoning

C : Warping

D : Preservation

Q.no 43. Electrical provisions can be easily installed in -

A : waffle slab

B : Flat slab

C : Flat plate slab

D : two way slab

Q.no 44. Extrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

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Q.no 45. Intrados of an arch means -

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Q.no 46. Complicated formwork is used in -

A : Waffle Slab

B : Cantilever Slab

C : Flat Slab

D : Flat Plate

Q.no 47. Suspended decorated ceilings cannot be provided to _____

A : Service floors

B : Auditoriums

C : Hotels

D : Conference halls

Q.no 48. In pre stressed concrete beam, tensile stress is taken care by ____

A : Steel anchor

B : Steel tendon

C : Steel pipe

D : Hollow duct

Q.no 49. Which type of partiiton is used for better sound insulation?

A : Single skin partitions

B : Double skin partitions

C : Partitions with glass louvers are used.

D : Louver Partition

Q.no 50. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

A : Widening joint

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Q.no 51. Which of them do not define as property of hardwood?

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Q.no 53. Dynamic Loads are considered for_____

A : Swimming pools

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Q.no 54. The structural design principles of continuous flat slab floors are similar to:

A : One way slab

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Q.no 55. Soft wood Ply is made up from -

A : Oak

B : Beech

C : Cedar

D : Mahogany

Q.no 56. If 'L' is centre to centre distance between two columns, then Length of Drop panel is:

A : Half of length 'L'

B : One fourth of length 'L'

C : One third of length 'L'

D : One Fifth of length 'L'

Q.no 57. The hanging sections are used in suspended ceiling system are made up of _____

A : Aluminium

B : Mild steel

C : Galvanised steel

D : Structural steel

Q.no 58. What is the liquid medium used in Oil paints?

A : thinner

B : alcohol

C : turpentine

D : linseed oil

Q.no 59. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Q.no 60. Which liquid medium is used to prepare solution of resin for making varnish ?

A : water

B : alcohol

C : naptha

D : acid

Answer for Question No 1. is d

Answer for Question No 2. is b

Answer for Question No 3. is b

Answer for Question No 4. is a

Answer for Question No 5. is a

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Answer for Question No 51. is a

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Answer for Question No 56. is c

Answer for Question No 57. is a

Answer for Question No 58. is d

Answer for Question No 59. is d

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Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
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Q.no 1. Which joint is employed to extend the length of a member by joining two pieces of timber ?

- A : Lapped
- B : Angle
- C : Lengthening
- D : Bearing

Q.no 2. A concrete slab made of reinforced concrete with concrete ribs running in two directions on its underside is called as -

- A : Flat Slab
- B : Waffle Slab

C : Flat Plate

D : Post tensioning slab

Q.no 3. Which component is important in form active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional depths of the components

D : surface action

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A : Suspended from top

B : Suspended from corner

C : Suspended from below

D : suspended from door

Q.no 5. Which of them is a defect in timber?

A : Knots

B : Seasoning

C : Warping

D : tempering

Q.no 6. Which component is important in section active systems?

A : vector forces in members

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D : surface action

Q.no 7. Flat slabs are mainly used for _____

A : Long span

B : Medium spans

C : Short spans

D : Cantilever spans

Q.no 8. Sole member in partitions is a _____

A : Horizontal member supporting Studs.

B : Horizontal member topping Studs

C : Cross member in the frame

D : Wedge between walls and frames.

Q.no 9. A reinforced-concrete floor construction not requiring beams and girders to transmit the floor load to supporting columns is called as _____

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Q.no 10. What are the joints employed to extend the width of board or planks, which are placed edge to edge?

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B : Glass powder

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A : Tensile capacity

B : Shear Capacity

C : Compressive capacity

D : Lateral capacity

Q.no 35. Drop panels are used to -

A : Increase shear strength of slab

B : Reduce deflection

C : Increase decorative value

D : Reduce lateral stress

Q.no 36. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

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B : vehicle

C : base

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C : Very thin fine sand cement mortar

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B : sand

C : clay

D : lime putty

Q.no 49. Out of the given options, which material is not suitable for panelling?

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B : Gypsum

C : PVC

D : Mud mortar

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A : Aluminum

B : Nickel

C : Wooden

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D : Mahogany

Q.no 55. Row of arches in continuation is called as _____

A : Curvature

B : Façade

C : Arcade

D : Keystone

Q.no 56. At the supports, beams are designed to deal with _____

A : Shear stress

B : Lateral stress

C : Bending stress

D : Compressive Stress

Q.no 57. 3D trusses are also called as _____

A : Flat trusses

B : Curved

C : Prismatic

D : Space

Q.no 58. Which of them do not define as property of hardwood?

A : Quick growth

B : Contain little resin

C : Compact arrangement of grains

D : Slow growth

Q.no 59. Pneumatic structures are based on _____

A : the use of trusses

B : the use of structural frames

C : the use of curvatures

D : the use of air pressure

Q.no 60. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Answer for Question No 1. is c

Answer for Question No 2. is b

Answer for Question No 3. is b

Answer for Question No 4. is a

Answer for Question No 5. is a

Answer for Question No 6. is c

Answer for Question No 7. is b

Answer for Question No 8. is a

Answer for Question No 9. is a

Answer for Question No 10. is b

Answer for Question No 11. is d

Answer for Question No 12. is d

Answer for Question No 13. is d

Answer for Question No 14. is a

Answer for Question No 15. is c

Answer for Question No 16. is b

Answer for Question No 17. is b

Answer for Question No 18. is a

Answer for Question No 19. is a

Answer for Question No 20. is b

Answer for Question No 21. is b

Answer for Question No 22. is a

Answer for Question No 23. is c

Answer for Question No 24. is c

Answer for Question No 25. is d

Answer for Question No 26. is a

Answer for Question No 27. is a

Answer for Question No 28. is d

Answer for Question No 29. is b

Answer for Question No 30. is b

Answer for Question No 31. is c

Answer for Question No 32. is a

Answer for Question No 33. is c

Answer for Question No 34. is b

Answer for Question No 35. is a

Answer for Question No 36. is b

Answer for Question No 37. is a

Answer for Question No 38. is a

Answer for Question No 39. is a

Answer for Question No 40. is b

Answer for Question No 41. is b

Answer for Question No 42. is c

Answer for Question No 43. is b

Answer for Question No 44. is c

Answer for Question No 45. is c

Answer for Question No 46. is a

Answer for Question No 47. is c

Answer for Question No 48. is a

Answer for Question No 49. is d

Answer for Question No 50. is d

Answer for Question No 51. is c

Answer for Question No 52. is c

Answer for Question No 53. is b

Answer for Question No 54. is c

Answer for Question No 55. is c

Answer for Question No 56. is a

Answer for Question No 57. is c

Answer for Question No 58. is a

Answer for Question No 59. is d

Answer for Question No 60. is d

Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
 - 2) Attempt any 50 questions out of 60.
 - 3) Use of calculator is allowed.
 - 4) Each question carries 1 Mark.
 - 5) Specially abled students are allowed 20 minutes extra for examination.
 - 6) Do not use pencils to darken answer.
 - 7) Use only black/blue ball point pen to darken the appropriate circle.
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-

Q.no 1. Which component is important in vector active systems?

- A : vector forces in members
- B : profile, shape and form
- C : Sectional depths of the components
- D : surface action

Q.no 2. Sole member in partitions is a _____

- A : Horizontal member supporting Studs.
- B : Horizontal member topping Studs
- C : Cross member in the frame

D : Wedge between walls and frames.

Q.no 3. Which type of varnishes dry slowly, but they form hard and durable surface?

A : Oil

B : Spirit

C : Water

D : Turpentine

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A : Sheep wool

B : Glass powder

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Q.no 5. Which joint is employed to extend the length of a member by joining two pieces of timber ?

A : Lapped

B : Angle

C : Lengthening

D : Bearing

Q.no 6. What are the joints employed to extend the width of board or planks, which are placed edge to edge?

A : Angle

B : Widening

C : Lapped

D : Oblique

Q.no 7. In pre-tensioned concrete, steel is pulled before -

A : Concrete is poured

B : Load is applied

C : tension is applied

D : casting of column

Q.no 8. Flat slabs are mainly used for _____

A : Long span

B : Medium spans

C : Short spans

D : Cantilever spans

Q.no 9. Out of the given options, which is not a defect in paints?

A : Blistering

B : Wrinkling

C : Flaking

D : Foxiness

Q.no 10. In post-tensioning process, steel is pulled before -

A : Concrete is poured

B : Load is applied

C : formwork is done

D : casting of column

Q.no 11. A concrete slab made of reinforced concrete with concrete ribs running in two directions on its underside is called as -

A : Flat Slab

B : Waffle Slab

C : Flat Plate

D : Post tensioning slab

Q.no 12. A series of 'pins' cut to extend from the end of one board interlock with a series of 'tails' cut into the end of another board is called as -

A : Dovetailed joint

B : Widening Joint

C : Tongued and Grooved Joint

D : Angle
Joint

Q.no 13. The members those transfer load vertically in bulk active system are -

A : Column and load bearing walls

B : Beam and Slab

C : Roof and purlin

D : Girder and Rafter

Q.no 14. Which component is important in surface active systems?

A : vector forces in members

B : profile, shape and form

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D : surface action

Q.no 15. Pigment is mixed in paints to give desired _____.

A : smoothness

B : color

C : appearance

D : durability

Q.no 16. Which joint is formed by putting the two timber pieces one over the other from a short distance and the binding them together by means

of iron straps or Stirrups?

A : Scarfed

B : Spliced

C : Mortise and tenon

D : Lapped

Q.no 17. A reinforced-concrete floor construction not requiring beams and girders to transmit the floor load to supporting columns is called as _____

A : Flat slab

B : Waffle slab

C : RCC slab

D : Shear slab

Q.no 18. Suspended ceilings are _____

A : Suspended from top

B : Suspended from corner

C : Suspended from below

D : suspended from door

Q.no 19. Which component is important in form active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional depths of the components

D : surface action

Q.no 20. Saving of weight and material is done in which type of RCC flooring system?

A : Flat Slab

B : Flat Plate slab

C : Ribbed slab

D : Band beam system

Q.no 21. What is the function of drier in a varnish ?

A : to accelerate process of drying

B : to make the varnish durable

C : to give glossy finish to varnish

D : to impart liquidity to varnish

Q.no 22. Which structural element is absent in Flat Slab construction?

A : Column capitals

B : Shear walls

C : Footings

D : Beams

Q.no 23. The first coat of paint applied during the painting process called as -

A : Priming coat

B : Finishing coat

C : End coat

D : Under coat

Q.no 24. In Prestressing, the tendons are tensioned against -

A : Abutment

B : Jacket

C : Concrete block

D : Concrete grout

Q.no 25. Which component is important in section active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 26. The two members meeting at an angle can be joined by a -

A : Bridle joint

B : Oblique tenon joint

C : Mitre joint

D : Birds mouth joint

Q.no 27. Physical volume of the space below does not get reduced in _____

A : Open False ceiling

B : Closed false ceiling

C : Suspended False ceiling

D : Half suspended ceiling

Q.no 28. Which type of partiiton is used for better sound insulation?

A : Single skin partitions

B : Double skin partitions

C : Partitions with glass louvers are used.

D : Louver Partition

Q.no 29. What is the liquid part of the paint called?

A : pigment

B : vehicle

C : base

D : drier

Q.no 30. A reinforced concrete frame system with a uniform thickness that is supported directly over the columns or the load-bearing walls is called as _____

A : Flat Plate

B : Waffle slab

C : Beam Band system

D : Ribbed Slab

Q.no 31. Extrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

Q.no 32. Glass blocks in glass partitions are joined together by _____

A : Glass welding

B : Fevicol

C : Very thin fine sand cement mortar

D : Araldite

Q.no 33. Folded plate structure is one of type of -

A : Form active systems

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 34. The straps provided in case of Lapped joint are -

A : Aluminum

B : Nickel

C : Wooden

D : Iron

Q.no 35. Which one is not a step of timber processing?

A : Felling

B : Seasoning

C : Warping

D : Preservation

Q.no 36. What is the base material for distemper?

A : chalk

B : sand

C : clay

D : lime putty

Q.no 37. Which capacity of slab increases due to flat slab construction?

A : Tensile capacity

B : Shear Capacity

C : Compressive capacity

D : Lateral capacity

Q.no 38. Which defect is caused by water vapor which is trapped behind the painted surface?

A : Flaking

B : Fading

C : Blistering

D : Flashing

Q.no 39. In pre stressed concrete beam, tensile stress is taken care by ____

A : Steel anchor

B : Steel tendon

C : Steel pipe

D : Hollow duct

Q.no 40. In Post tensioning method the cable duct is filled later with _____

A : Brick Bat

B : Soil

C : Steel

D : Grout

Q.no 41. Electrical provisions can be easily installed in -

A : waffle slab

B : Flat slab

C : Flat plate slab

D : two way slab

Q.no 42. Complicated formwork is used in -

A : Waffle Slab

B : Cantilever Slab

C : Flat Slab

D : Flat Plate

Q.no 43. Intrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

Q.no 44. Suspended decorated ceilings cannot be provided to _____

A : Service floors

B : Auditoriums

C : Hotels

D : Conference halls

Q.no 45. Ribbed slabs are mainly used where -

A : Floor to floor height is to reduced

B : Clear Soffit is required

C : Soffit is exposed

D : Soffit is enclosed

Q.no 46. In Segmental Arch, the center of n arch lies_____

A : below the springing line

B : above the springing line

C : on the springing line

D : above one third portion of springing line

Q.no 47. Drop panels are used to -

A : Increase shear strength of slab

B : Reduce deflection

C : Increase decorative value

D : Reduce lateral stress

Q.no 48. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

A : Widening joint

B : Angle joint

C : Oblique Joint

D : Corner joint

Q.no 49. Out of the given options, which material is not suitable for panelling?

A : Timber

B : Gypsum

C : PVC

D : Mud mortar

Q.no 50. Which is a natural medium for seasoning of timber ?

A : Air

B : Chemical

C : Kiln

D : Boiling

Q.no 51. In membrane structures, primarily structural membrane possesses -

A : Compression

B : tension

C : Shear

D : lateral stress

Q.no 52. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Q.no 53. The structural design principles of continuous flat slab floors are similar to:

A : One way slab

B : Two way slab

C : Cantilever slab

D : Diagonal slab

Q.no 54. Which of them do not define as property of hardwood?

A : Quick growth

B : Contain little resin

C : Compact arrangement of grains

D : Slow growth

Q.no 55. Shell structure is one of the type of _____

A : Form active system

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 56. Soft wood Ply is made up from -

A : Oak

B : Beech

C : Cedar

D : Mahogany

Q.no 57. Thickening in flat slab at the column is called as _____

A : Column pedestal

B : Cornice

C : Drop Panel

D : Column Head

Q.no 58. Dynamic Loads are considered for_____

A : Swimming pools

B : water tanks

C : Bridges

D : Basement structures

Q.no 59. The hanging sections are used in suspended ceiling system are made up of _____

A : Aluminium

B : Mild steel

C : Galvanised steel

D : Structural steel

Q.no 60. Row of arches in continuation is called as _____

A : Curvature

B : Façade

C : Arcade

D : Keystone

Answer for Question No 1. is a

Answer for Question No 2. is a

Answer for Question No 3. is a

Answer for Question No 4. is c

Answer for Question No 5. is c

Answer for Question No 6. is b

Answer for Question No 7. is a

Answer for Question No 8. is b

Answer for Question No 9. is d

Answer for Question No 10. is b

Answer for Question No 11. is b

Answer for Question No 12. is a

Answer for Question No 13. is a

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Answer for Question No 15. is b

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Answer for Question No 24. is a

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Answer for Question No 27. is a

Answer for Question No 28. is b

Answer for Question No 29. is b

Answer for Question No 30. is a

Answer for Question No 31. is b

Answer for Question No 32. is c

Answer for Question No 33. is b

Answer for Question No 34. is d

Answer for Question No 35. is c

Answer for Question No 36. is a

Answer for Question No 37. is b

Answer for Question No 38. is c

Answer for Question No 39. is b

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Answer for Question No 56. is c

Answer for Question No 57. is c

Answer for Question No 58. is c

Answer for Question No 59. is a

Answer for Question No 60. is c

Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
 - 2) Attempt any 50 questions out of 60.
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-

Q.no 1. Which structural element is absent in Flat Slab construction?

A : Column capitals

B : Shear walls

C : Footings

D : Beams

Q.no 2. Pigment is mixed in paints to give desired _____.

A : smoothness

B : color

C : appearance

D : durability

Q.no 3. Out of the given options, which cannot be a reason to provide suspended ceiling?

A : hiding the service lines

B : For better natural light

C : For aesthetic purpose

D : for reducing the volume of space and load on A.C.

Q.no 4. Saving of weight and material is done in which type of RCC flooring system?

A : Flat Slab

B : Flat Plate slab

C : Ribbed slab

D : Band beam system

Q.no 5. In post-tensioning process, steel is pulled before -

A : Concrete is poured

B : Load is applied

C : formwork is done

D : casting of column

Q.no 6. 'Studs' in partitions are _____

A : Horizontal members used in framings.

B : Vertical members used in framings

C : Cross members used in framings.

D : Members supporting partitions from top

Q.no 7. Material used as insulator in double skin partitions is -

A : Sheep wool

B : Glass powder

C : Glass wool

D : Timber shavings

Q.no 8. Which component is important in vector active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional depths of the components

D : surface action

Q.no 9. Which component is important in form active systems?

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B : profile, shape and form

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D : surface action

Q.no 10. In Prestressing, the tendons are tensioned against -

A : Abutment

B : Jacket

C : Concrete block

D : Concrete grout

Q.no 11. In Bulk active structures ,members those transmit compressive load vertically are_____

A : Beam

B : Foundation

C : Column

D : Roof

Q.no 12. Which joint is employed to extend the length of a member by joining two pieces of timber ?

A : Lapped

B : Angle

C : Lengthening

D : Bearing

Q.no 13. The members those transfer load vertically in bulk active system are -

A : Column and load bearing walls

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Q.no 14. Which type of varnishes dry slowly, but they form hard and durable surface?

A : Oil

B : Spirit

C : Water

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Q.no 18. Which component is important in section active systems?

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B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 19. Which component is important in surface active systems?

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C : Sectional sizes and depths of the components

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Q.no 20. Out of the given options, which is not a defect in paints?

A : Blistering

B : Wrinkling

C : Flaking

D : Foxiness

Q.no 21. What are the joints employed to extend the width of board or planks, which are placed edge to edge?

A : Angle

B : Widening

C : Lapped

D : Oblique

Q.no 22. Flat slabs are mainly used for _____

A : Long span

B : Medium spans

C : Short spans

D : Cantilever spans

Q.no 23. Suspended ceilings are _____

A : Suspended from top

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A : to accelerate process of drying

B : to make the varnish durable

C : to give glossy finish to varnish

D : to impart liquidity to varnish

Q.no 25. Which of them is a defect in timber?

A : Knots

B : Seasoning

C : Warping

D : tempering

Q.no 26. The appearance of Anticorrosive paint is in color is -

A : Blue

B : White

C : Black

D : Yellow

Q.no 27. The type of stress carried by column and bearing walls is _____

A : Compressive stress

B : Tensile stress

C : Lateral stress

D : Horizontal Stress

Q.no 28. Glass blocks in glass partitions are joined together by _____

A : Glass welding

B : Fevicol

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A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

Q.no 34. Folded plate structure is one of type of -

A : Form active systems

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 35. Which type of varnish is a variety of French polish

A : Oil Varnish

B : Turpentine varnish

C : Spirit Varnish

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Q.no 36. What is the base material for distemper?

A : chalk

B : sand

C : clay

D : lime putty

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B : Double skin partitions

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- A : Aluminum
- B : Nickel
- C : Wooden
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- A : Floor to floor height is to reduced
- B : Clear Soffit is required
- C : Soffit is exposed
- D : Soffit is enclosed

Q.no 42. In pre stressed concrete beam, tensile stress is taken care by ____

- A : Steel anchor
- B : Steel tendon
- C : Steel pipe
- D : Hollow duct

Q.no 43. In Post tensioning method the cable duct is filled later with _____

- A : Brick Bat
- B : Soil

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Q.no 44. Drop panels are used to -

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B : Reduce deflection

C : Increase decorative value

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A : waffle slab

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C : Flat plate slab

D : two way slab

Q.no 47. Which one is not a step of timber processing?

A : Felling

B : Seasoning

C : Warping

D : Preservation

Q.no 48. Arch is type of -

A : self-supporting compressive structure

B : self-supporting tensile structure

C : Surface active structure

D : Vector active structure

Q.no 49. In Segmental Arch, the center of n arch lies_____

A : below the springing line

B : above the springing line

C : on the springing line

D : above one third portion of springing line

Q.no 50. The two members meeting at an angle can be joined by a -

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C : Mitre joint

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Q.no 51. Thickening in flat slab at the column is called as _____

A : Column pedestal

B : Cornice

C : Drop Panel

D : Column Head

Q.no 52. 3D trusses are also called as _____

A : Flat trusses

B : Curved

C : Prismatic

D : Space

Q.no 53. In post tensioning the member which pulls the cables is known as -

A : Hydraulic Jack

B : Steel bars

C : Steel pipe

D : Steel Reinforcement

Q.no 54. Which of them do not define as property of hardwood?

A : Quick growth

B : Contain little resin

C : Compact arrangement of grains

D : Slow growth

Q.no 55. If 'L' is centre to centre distance between two columns, then Length of Drop panel is:

A : Half of length 'L'

B : One fourth of length 'L'

C : One third of length 'L'

D : One Fifth of length 'L'

Q.no 56. The structural design principles of continuous flat slab floors are similar to:

A : One way slab

B : Two way slab

C : Cantilever slab

D : Diagonal slab

Q.no 57. Row of arches in continuation is called as _____

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C : Arcade

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Q.no 60. Shell structure is one of the type of _____

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Answer for Question No 1. is d

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Answer for Question No 3. is b

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Answer for Question No 50. is c

Answer for Question No 51. is c

Answer for Question No 52. is c

Answer for Question No 53. is a

Answer for Question No 54. is a

Answer for Question No 55. is c

Answer for Question No 56. is b

Answer for Question No 57. is c

Answer for Question No 58. is b

Answer for Question No 59. is c

Answer for Question No 60. is b

Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
 - 2) Attempt any 50 questions out of 60.
 - 3) Use of calculator is allowed.
 - 4) Each question carries 1 Mark.
 - 5) Specially abled students are allowed 20 minutes extra for examination.
 - 6) Do not use pencils to darken answer.
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-

Q.no 1. Which joint is formed by putting the two timber pieces one over the other from a short distance and the binding them together by means of iron straps or Stirrups?

- A : Scarfed
- B : Spliced
- C : Mortise and tenon
- D : Lapped

Q.no 2. Out of the given options, which is not a defect in paints?

- A : Blistering
- B : Wrinkling

C : Flaking

D : Foxiness

Q.no 3. Suspended ceilings are _____

A : Suspended from top

B : Suspended from corner

C : Suspended from below

D : suspended from door

Q.no 4. Flat slabs are mainly used for _____

A : Long span

B : Medium spans

C : Short spans

D : Cantilever spans

Q.no 5. Which component is important in form active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional depths of the components

D : surface action

Q.no 6. Which component is important in vector active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional depths of the components

D : surface action

Q.no 7. Which joint is employed to extend the length of a member by joining two pieces of timber ?

A : Lapped

B : Angle

C : Lengthening

D : Bearing

Q.no 8. The members those transfer load vertically in bulk active system are -

A : Column and load bearing walls

B : Beam and Slab

C : Roof and purlin

D : Girder and Rafter

Q.no 9. A concrete slab made of reinforced concrete with concrete ribs running in two directions on its underside is called as -

A : Flat Slab

B : Waffle Slab

C : Flat Plate

D : Post tensioning slab

Q.no 10. Which type of varnishes dry slowly, but they form hard and durable surface?

A : Oil

B : Spirit

C : Water

D : Turpentine

Q.no 11. What is the function of drier in a varnish ?

A : to accelerate process of drying

B : to make the varnish durable

C : to give glossy finish to varnish

D : to impart liquidity to varnish

Q.no 12. The first coat of paint applied during the painting process called as -

A : Priming coat

B : Finishing coat

C : End coat

D : Under coat

Q.no 13. What are the joints employed to extend the width of board or planks, which are placed edge to edge?

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B : Widening

C : Lapped

D : Oblique

Q.no 14. In Prestressing, the tendons are tensioned against -

A : Abutment

B : Jacket

C : Concrete block

D : Concrete grout

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A : Flat Slab

B : Flat Plate slab

C : Ribbed slab

D : Band beam system

Q.no 16. In post-tensioning process, steel is pulled before -

A : Concrete is poured

B : Load is applied

C : formwork is done

D : casting of column

Q.no 17. Which component is important in section active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 18. Pigment is mixed in paints to give desired _____.

A : smoothness

B : color

C : appearance

D : durability

Q.no 19. Which component is important in surface active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 20. Which structural element is absent in Flat Slab construction?

A : Column capitals

B : Shear walls

C : Footings

D : Beams

Q.no 21. Material used as insulator in double skin partitions is -

A : Sheep wool

B : Glass powder

C : Glass wool

D : Timber shavings

Q.no 22. A series of 'pins' cut to extend from the end of one board interlock with a series of 'tails' cut into the end of another board is called as -

A : Dovetailed joint

B : Widening Joint

C : Tongued and Grooved Joint

D : Angle
Joint

Q.no 23. In pre-tensioned concrete, steel is pulled before -

A : Concrete is poured

B : Load is applied

C : tension is applied

D : casting of column

Q.no 24. Sole member in partitions is a _____

A : Horizontal member supporting Studs.

B : Horizontal member topping Studs

C : Cross member in the frame

D : Wedge between walls and frames.

Q.no 25. Out of the given options, which cannot be a reason to provide suspended ceiling?

A : hiding the service lines

B : For better natural light

C : For aesthetic purpose

D : for reducing the volume of space and load on A.C.

Q.no 26. Which one is not a step of timber processing?

A : Felling

B : Seasoning

C : Warping

D : Preservation

Q.no 27. Ribbed slabs are mainly used where -

A : Floor to floor height is to reduced

B : Clear Soffit is required

C : Soffit is exposed

D : Soffit is enclosed

Q.no 28. Which is a natural medium for seasoning of timber ?

A : Air

B : Chemical

C : Kiln

D : Boiling

Q.no 29. Physical volume of the space below does not get reduced in _____

A : Open False ceiling

B : Closed false ceiling

C : Suspended False ceiling

D : Half suspended ceiling

Q.no 30. In pre stressed concrete beam, tensile stress is taken care by ____

A : Steel anchor

B : Steel tendon

C : Steel pipe

D : Hollow duct

Q.no 31. Intrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

Q.no 32. Suspended decorated ceilings cannot be provided to _____

A : Service floors

B : Auditoriums

C : Hotels

D : Conference halls

Q.no 33. In Post tensioning method the cable duct is filled later with _____

A : Brick Bat

B : Soil

C : Steel

D : Grout

Q.no 34. A reinforced concrete frame system with a uniform thickness that is supported directly over the columns or the load-bearing walls is called as ____

A : Flat Plate

B : Waffle slab

C : Beam Band system

D : Ribbed Slab

Q.no 35. What is the base material for distemper?

A : chalk

B : sand

C : clay

D : lime putty

Q.no 36. The type of stress carried by column and bearing walls is _____

A : Compressive stress

B : Tensile stress

C : Lateral stress

D : Horizontal Stress

Q.no 37. Which capacity of slab increases due to flat slab construction?

A : Tensile capacity

B : Shear Capacity

C : Compressive capacity

D : Lateral capacity

Q.no 38. Complicated formwork is used in -

A : Waffle Slab

B : Cantilever Slab

C : Flat Slab

D : Flat Plate

Q.no 39. What is the liquid part of the paint called?

A : pigment

B : vehicle

C : base

D : drier

Q.no 40. Which defect is caused by water vapor which is trapped behind the painted surface?

A : Flaking

B : Fading

C : Blistering

D : Flashing

Q.no 41. Drop panels are used to -

A : Increase shear strength of slab

B : Reduce deflection

C : Increase decorative value

D : Reduce lateral stress

Q.no 42. Electrical provisions can be easily installed in -

A : waffle slab

B : Flat slab

C : Flat plate slab

D : two way slab

Q.no 43. Which type of varnish is a variety of French polish

A : Oil Varnish

B : Turpentine varnish

C : Spirit Varnish

D : Water varnish

Q.no 44. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

A : Widening joint

B : Angle joint

C : Oblique Joint

D : Corner joint

Q.no 45. Arch is type of -

A : self-supporting compressive structure

B : self-supporting tensile structure

C : Surface active structure

D : Vector active structure

Q.no 46. The two members meeting at an angle can be joined by a -

A : Bridle joint

B : Oblique tenon joint

C : Mitre joint

D : Birds mouth joint

Q.no 47. Out of the given options, which material is not suitable for panelling?

A : Timber

B : Gypsum

C : PVC

D : Mud mortar

Q.no 48. Which type of partiiton is used for better sound insulation?

- A : Single skin partitions
- B : Double skin partitions
- C : Partitions with glass louvers are used.
- D : Louver Partition

Q.no 49. Folded plate structure is one of type of -

- A : Form active systems
- B : Surface active systems
- C : Vector active systems
- D : Section active system

Q.no 50. Glass blocks in glass partitions are joined together by _____

- A : Glass welding
- B : Fevicol
- C : Very thin fine sand cement mortar
- D : Araldite

Q.no 51. Soft wood Ply is made up from -

- A : Oak
- B : Beech
- C : Cedar
- D : Mahogany

Q.no 52. Row of arches in continuation is called as _____

- A : Curvature
- B : Façade

C : Arcade

D : Keystone

Q.no 53. Which liquid medium is used to prepare solution of resin for making varnish ?

A : water

B : alcohol

C : naptha

D : acid

Q.no 54. Shell structure is one of the type of _____

A : Form active system

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 55. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Q.no 56. At the supports, beams are designed to deal with _____

A : Shear stress

B : Lateral stress

C : Bending stress

D : Compressive Stress

Q.no 57. Dynamic Loads are considered for _____

A : Swimming pools

B : water tanks

C : Bridges

D : Basement structures

Q.no 58. In membrane structures, primarily structural membrane possesses -

A : Compression

B : tension

C : Shear

D : lateral stress

Q.no 59. Thickening in flat slab at the column is called as _____

A : Column pedestal

B : Cornice

C : Drop Panel

D : Column Head

Q.no 60. 3D trusses are also called as _____

A : Flat trusses

B : Curved

C : Prismatic

D : Space

Answer for Question No 1. is d

Answer for Question No 2. is d

Answer for Question No 3. is a

Answer for Question No 4. is b

Answer for Question No 5. is b

Answer for Question No 6. is a

Answer for Question No 7. is c

Answer for Question No 8. is a

Answer for Question No 9. is b

Answer for Question No 10. is a

Answer for Question No 11. is a

Answer for Question No 12. is a

Answer for Question No 13. is b

Answer for Question No 14. is a

Answer for Question No 15. is c

Answer for Question No 16. is b

Answer for Question No 17. is c

Answer for Question No 18. is b

Answer for Question No 19. is d

Answer for Question No 20. is d

Answer for Question No 21. is c

Answer for Question No 22. is a

Answer for Question No 23. is a

Answer for Question No 24. is a

Answer for Question No 25. is b

Answer for Question No 26. is c

Answer for Question No 27. is c

Answer for Question No 28. is a

Answer for Question No 29. is a

Answer for Question No 30. is b

Answer for Question No 31. is a

Answer for Question No 32. is a

Answer for Question No 33. is d

Answer for Question No 34. is a

Answer for Question No 35. is a

Answer for Question No 36. is a

Answer for Question No 37. is b

Answer for Question No 38. is a

Answer for Question No 39. is b

Answer for Question No 40. is c

Answer for Question No 41. is a

Answer for Question No 42. is a

Answer for Question No 43. is c

Answer for Question No 44. is b

Answer for Question No 45. is a

Answer for Question No 46. is c

Answer for Question No 47. is d

Answer for Question No 48. is b

Answer for Question No 49. is b

Answer for Question No 50. is c

Answer for Question No 51. is c

Answer for Question No 52. is c

Answer for Question No 53. is b

Answer for Question No 54. is b

Answer for Question No 55. is d

Answer for Question No 56. is a

Answer for Question No 57. is c

Answer for Question No 58. is b

Answer for Question No 59. is c

Answer for Question No 60. is c

Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

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Q.no 1. A concrete slab made of reinforced concrete with concrete ribs running in two directions on its underside is called as -

- A : Flat Slab
- B : Waffle Slab
- C : Flat Plate
- D : Post tensioning slab

Q.no 2. Saving of weight and material is done in which type of RCC flooring system?

- A : Flat Slab
- B : Flat Plate slab

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D : Band beam system

Q.no 3. In Prestressing, the tendons are tensioned against -

A : Abutment

B : Jacket

C : Concrete block

D : Concrete grout

Q.no 4. Which component is important in section active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 5. Out of the given options, which is not a defect in paints?

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Q.no 6. Which type of varnishes dry slowly, but they form hard and durable surface?

A : Oil

B : Spirit

C : Water

D : Turpentine

Q.no 7. 'Studs' in partitions are _____

A : Horizontal members used in framings.

B : Vertical members used in framings

C : Cross members used in framings.

D : Members supporting partitions from top

Q.no 8. Which component is important in surface active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 9. Which of them is a defect in timber?

A : Knots

B : Seasoning

C : Warping

D : tempering

Q.no 10. In post-tensioning process, steel is pulled before -

A : Concrete is poured

B : Load is applied

C : formwork is done

D : casting of column

Q.no 11. A reinforced-concrete floor construction not requiring beams and girders to transmit the floor load to supporting columns is called as _____

A : Flat slab

B : Waffle slab

C : RCC slab

D : Shear slab

Q.no 12. Which joint is formed by putting the two timber pieces one over the other from a short distance and the binding them together by means of iron straps or Stirrups?

A : Scarfed

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C : Mortise and tenon

D : Lapped

Q.no 13. Material used as insulator in double skin partitions is -

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B : Glass powder

C : Glass wool

D : Timber shavings

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B : Medium spans

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D : Cantilever spans

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C : Suspended from below

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Q.no 21. Sole member in partitions is a _____

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Q.no 27. In Post tensioning method the cable duct is filled later with _____

A : Brick Bat

B : Soil

C : Steel

D : Grout

Q.no 28. The type of stress carried by column and bearing walls is _____

A : Compressive stress

B : Tensile stress

C : Lateral stress

D : Horizontal Stress

Q.no 29. Ribbed slabs are mainly used where -

A : Floor to floor height is to reduced

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D : Soffit is enclosed

Q.no 30. Which type of partiiton is used for better sound insulation?

A : Single skin partitions

B : Double skin partitions

C : Partitions with glass louvers are used.

D : Louver Partition

Q.no 31. In Segmental Arch, the center of n arch lies_____

A : below the springing line

B : above the springing line

C : on the springing line

D : above one third portion of springing line

Q.no 32. Which type of varnish is a variety of French polish

A : Oil Varnish

B : Turpentine varnish

C : Spirit Varnish

D : Water varnish

Q.no 33. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

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Q.no 34. A reinforced concrete frame system with a uniform thickness that is supported directly over the columns or the load-bearing walls is called as _____

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C : Kiln

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A : Bridle joint

B : Oblique tenon joint

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Q.no 42. Which defect is caused by water vapor which is trapped behind the painted surface?

A : Flaking

B : Fading

C : Blistering

D : Flashing

Q.no 43. Extrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

Q.no 44. What is the base material for distemper?

A : chalk

B : sand

C : clay

D : lime putty

Q.no 45. Out of the given options, which material is not suitable for panelling?

A : Timber

B : Gypsum

C : PVC

D : Mud mortar

Q.no 46. Folded plate structure is one of type of -

A : Form active systems

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 47. The straps provided in case of Lapped joint are -

A : Aluminum

B : Nickel

C : Wooden

D : Iron

Q.no 48. Arch is type of -

A : self-supporting compressive structure

B : self-supporting tensile structure

C : Surface active structure

D : Vector active structure

Q.no 49. The appearance of Anticorrosive paint is in color is -

A : Blue

B : White

C : Black

D : Yellow

Q.no 50. Suspended decorated ceilings cannot be provided to _____

A : Service floors

B : Auditoriums

C : Hotels

D : Conference halls

Q.no 51. What is the liquid medium used in Oil paints?

A : thinner

B : alcohol

C : turpentine

D : linseed oil

Q.no 52. Row of arches in continuation is called as _____

A : Curvature

B : Façade

C : Arcade

D : Keystone

Q.no 53. 3D trusses are also called as _____

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B : Cornice

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D : Compressive Stress

Q.no 56. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Q.no 57. The structural design principles of continuous flat slab floors are similar to:

A : One way slab

B : Two way slab

C : Cantilever slab

D : Diagonal slab

Q.no 58. Shell structure is one of the type of _____

A : Form active system

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 59. Dynamic Loads are considered for _____

A : Swimming pools

B : water tanks

C : Bridges

D : Basement structures

Q.no 60. In membrane structures, primarily structural membrane possesses -

A : Compression

B : tension

C : Shear

D : lateral stress

Answer for Question No 1. is b

Answer for Question No 2. is c

Answer for Question No 3. is a

Answer for Question No 4. is c

Answer for Question No 5. is d

Answer for Question No 6. is a

Answer for Question No 7. is b

Answer for Question No 8. is d

Answer for Question No 9. is a

Answer for Question No 10. is b

Answer for Question No 11. is a

Answer for Question No 12. is d

Answer for Question No 13. is c

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Answer for Question No 16. is d

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Answer for Question No 20. is a

Answer for Question No 21. is a

Answer for Question No 22. is b

Answer for Question No 23. is a

Answer for Question No 24. is a

Answer for Question No 25. is a

Answer for Question No 26. is c

Answer for Question No 27. is d

Answer for Question No 28. is a

Answer for Question No 29. is c

Answer for Question No 30. is b

Answer for Question No 31. is a

Answer for Question No 32. is c

Answer for Question No 33. is b

Answer for Question No 34. is a

Answer for Question No 35. is a

Answer for Question No 36. is b

Answer for Question No 37. is a

Answer for Question No 38. is a

Answer for Question No 39. is c

Answer for Question No 40. is a

Answer for Question No 41. is c

Answer for Question No 42. is c

Answer for Question No 43. is b

Answer for Question No 44. is a

Answer for Question No 45. is d

Answer for Question No 46. is b

Answer for Question No 47. is d

Answer for Question No 48. is a

Answer for Question No 49. is c

Answer for Question No 50. is a

Answer for Question No 51. is d

Answer for Question No 52. is c

Answer for Question No 53. is c

Answer for Question No 54. is c

Answer for Question No 55. is a

Answer for Question No 56. is d

Answer for Question No 57. is b

Answer for Question No 58. is b

Answer for Question No 59. is c

Answer for Question No 60. is b

Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
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Q.no 1. The first coat of paint applied during the painting process called as -

- A : Priming coat
- B : Finishing coat
- C : End coat
- D : Under coat

Q.no 2. 'Studs' in partitions are _____

- A : Horizontal members used in framings.
- B : Vertical members used in framings
- C : Cross members used in framings.

D : Members supporting partitions from top

Q.no 3. Sole member in partitions is a _____

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D : to impart liquidity to varnish

Q.no 7. Out of the given options, which cannot be a reason to provide suspended ceiling?

A : hiding the service lines

B : For better natural light

C : For aesthetic purpose

D : for reducing the volume of space and load on A.C.

Q.no 8. Which component is important in surface active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 9. Which component is important in form active systems?

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B : profile, shape and form

C : Sectional depths of the components

D : surface action

Q.no 10. Saving of weight and material is done in which type of RCC flooring system?

A : Flat Slab

B : Flat Plate slab

C : Ribbed slab

D : Band beam system

Q.no 11. Pigment is mixed in paints to give desired _____.

A : smoothness

B : color

C : appearance

D : durability

Q.no 12. Which component is important in vector active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional depths of the components

D : surface action

Q.no 13. In Bulk active structures ,members those transmit compressive load vertically are_____

A : Beam

B : Foundation

C : Column

D : Roof

Q.no 14. A concrete slab made of reinforced concrete with concrete ribs running in two directions on its underside is called as -

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B : Waffle Slab

C : Flat Plate

D : Post tensioning slab

Q.no 15. In pre-tensioned concrete, steel is pulled before -

A : Concrete is poured

B : Load is applied

C : tension is applied

D : casting of column

Q.no 16. A series of 'pins' cut to extend from the end of one board interlock with a series of 'tails' cut into the end of another board is called as -

A : Dovetailed joint

B : Widening Joint

C : Tongued and Grooved Joint

D : Angle
Joint

Q.no 17. Material used as insulator in double skin partitions is -

A : Sheep wool

B : Glass powder

C : Glass wool

D : Timber shavings

Q.no 18. In post-tensioning process, steel is pulled before -

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C : formwork is done

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Q.no 19. Which type of varnishes dry slowly, but they form hard and durable surface?

A : Oil

B : Spirit

C : Water

D : Turpentine

Q.no 20. Out of the given options, which is not a defect in paints?

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B : Wrinkling

C : Flaking

D : Foxiness

Q.no 21. Flat slabs are mainly used for _____

A : Long span

B : Medium spans

C : Short spans

D : Cantilever spans

Q.no 22. The members those transfer load vertically in bulk active system are -

A : Column and load bearing walls

B : Beam and Slab

C : Roof and purlin

D : Girder and Rafter

Q.no 23. Which joint is employed to extend the length of a member by joining two pieces of timber ?

A : Lapped

B : Angle

C : Lengthening

D : Bearing

Q.no 24. Which structural element is absent in Flat Slab construction?

A : Column capitals

B : Shear walls

C : Footings

D : Beams

Q.no 25. A reinforced-concrete floor construction not requiring beams and girders to transmit the floor load to supporting columns is called as _____

A : Flat slab

B : Waffle slab

C : RCC slab

D : Shear slab

Q.no 26. In Segmental Arch, the center of n arch lies_____

A : below the springing line

B : above the springing line

C : on the springing line

D : above one third portion of springing line

Q.no 27. Extrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

Q.no 28. In Post tensioning method the cable duct is filled later with _____

A : Brick Bat

B : Soil

C : Steel

D : Grout

Q.no 29. Complicated formwork is used in -

A : Waffle Slab

B : Cantilever Slab

C : Flat Slab

D : Flat Plate

Q.no 30. Ribbed slabs are mainly used where -

A : Floor to floor height is to reduced

B : Clear Soffit is required

C : Soffit is exposed

D : Soffit is enclosed

Q.no 31. What is the liquid part of the paint called?

A : pigment

B : vehicle

C : base

D : drier

Q.no 32. Physical volume of the space below does not get reduced in _____

A : Open False ceiling

B : Closed false ceiling

C : Suspended False ceiling

D : Half suspended ceiling

Q.no 33. A reinforced concrete frame system with a uniform thickness that is supported directly over the columns or the load-bearing walls is called as _____

A : Flat Plate

B : Waffle slab

C : Beam Band system

D : Ribbed Slab

Q.no 34. What is the base material for distemper?

A : chalk

B : sand

C : clay

D : lime putty

Q.no 35. The straps provided in case of Lapped joint are -

A : Aluminum

B : Nickel

C : Wooden

D : Iron

Q.no 36. Which type of varnish is a variety of French polish

A : Oil Varnish

B : Turpentine varnish

C : Spirit Varnish

D : Water varnish

Q.no 37. Which one is not a step of timber processing?

A : Felling

B : Seasoning

C : Warping

D : Preservation

Q.no 38. Drop panels are used to -

A : Increase shear strength of slab

B : Reduce deflection

C : Increase decorative value

D : Reduce lateral stress

Q.no 39. Which type of partiiton is used for better sound insulation?

A : Single skin partitions

B : Double skin partitions

C : Partitions with glass louvers are used.

D : Louver Partition

Q.no 40. The appearance of Anticorrosive paint is in color is -

A : Blue

B : White

C : Black

D : Yellow

Q.no 41. The type of stress carried by column and bearing walls is _____

A : Compressive stress

B : Tensile stress

C : Lateral stress

D : Horizontal Stress

Q.no 42. In pre stressed concrete beam, tensile stress is taken care by ____

A : Steel anchor

B : Steel tendon

C : Steel pipe

D : Hollow duct

Q.no 43. Folded plate structure is one of type of -

A : Form active systems

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 44. Which is a natural medium for seasoning of timber ?

A : Air

B : Chemical

C : Kiln

D : Boiling

Q.no 45. Electrical provisions can be easily installed in -

A : waffle slab

B : Flat slab

C : Flat plate slab

D : two way slab

Q.no 46. Intrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

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Q.no 47. Out of the given options, which material is not suitable for panelling?

A : Timber

B : Gypsum

C : PVC

D : Mud mortar

Q.no 48. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

A : Widening joint

B : Angle joint

C : Oblique Joint

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Q.no 49. Which capacity of slab increases due to flat slab construction?

A : Tensile capacity

B : Shear Capacity

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D : Lateral capacity

Q.no 50. The two members meeting at an angle can be joined by a -

A : Bridle joint

B : Oblique tenon joint

C : Mitre joint

D : Birds mouth joint

Q.no 51. Row of arches in continuation is called as _____

A : Curvature

B : Façade

C : Arcade

D : Keystone

Q.no 52. In membrane structures, primarily structural membrane possesses -

A : Compression

B : tension

C : Shear

D : lateral stress

Q.no 53. 3D trusses are also called as _____

A : Flat trusses

B : Curved

C : Prismatic

D : Space

Q.no 54. If 'L' is centre to centre distance between two columns, then Length of Drop panel is:

A : Half of length 'L'

B : One fourth of length 'L'

C : One third of length 'L'

D : One Fifth of length 'L'

Q.no 55. Shell structure is one of the type of _____

A : Form active system

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 56. Pneumatic structures are based on _____

A : the use of trusses

B : the use of structural frames

C : the use of curvatures

D : the use of air pressure

Q.no 57. Soft wood Ply is made up from -

A : Oak

B : Beech

C : Cedar

D : Mahogany

Q.no 58. Which of them do not define as property of hardwood?

A : Quick growth

B : Contain little resin

C : Compact arrangement of grains

D : Slow growth

Q.no 59. The hanging sections are used in suspended ceiling system are made up of _____

A : Aluminium

B : Mild steel

C : Galvanised steel

D : Structural steel

Q.no 60. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Answer for Question No 1. is a

Answer for Question No 2. is b

Answer for Question No 3. is a

Answer for Question No 4. is b

Answer for Question No 5. is d

Answer for Question No 6. is a

Answer for Question No 7. is b

Answer for Question No 8. is d

Answer for Question No 9. is b

Answer for Question No 10. is c

Answer for Question No 11. is b

Answer for Question No 12. is a

Answer for Question No 13. is c

Answer for Question No 14. is b

Answer for Question No 15. is a

Answer for Question No 16. is a

Answer for Question No 17. is c

Answer for Question No 18. is b

Answer for Question No 19. is a

Answer for Question No 20. is d

Answer for Question No 21. is b

Answer for Question No 22. is a

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Answer for Question No 24. is d

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Answer for Question No 26. is a

Answer for Question No 27. is b

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Answer for Question No 29. is a

Answer for Question No 30. is c

Answer for Question No 31. is b

Answer for Question No 32. is a

Answer for Question No 33. is a

Answer for Question No 34. is a

Answer for Question No 35. is d

Answer for Question No 36. is c

Answer for Question No 37. is c

Answer for Question No 38. is a

Answer for Question No 39. is b

Answer for Question No 40. is c

Answer for Question No 41. is a

Answer for Question No 42. is b

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Answer for Question No 44. is a

Answer for Question No 45. is a

Answer for Question No 46. is a

Answer for Question No 47. is d

Answer for Question No 48. is b

Answer for Question No 49. is b

Answer for Question No 50. is c

Answer for Question No 51. is c

Answer for Question No 52. is b

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Answer for Question No 54. is c

Answer for Question No 55. is b

Answer for Question No 56. is d

Answer for Question No 57. is c

Answer for Question No 58. is a

Answer for Question No 59. is a

Answer for Question No 60. is d

Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
 - 2) Attempt any 50 questions out of 60.
 - 3) Use of calculator is allowed.
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 - 5) Specially abled students are allowed 20 minutes extra for examination.
 - 6) Do not use pencils to darken answer.
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Q.no 1. In post-tensioning process, steel is pulled before -

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Q.no 2. Pigment is mixed in paints to give desired _____.

- A : smoothness
- B : color
- C : appearance

D : durability

Q.no 3. What are the joints employed to extend the width of board or planks, which are placed edge to edge?

A : Angle

B : Widening

C : Lapped

D : Oblique

Q.no 4. 'Studs' in partitions are _____

A : Horizontal members used in framings.

B : Vertical members used in framings

C : Cross members used in framings.

D : Members supporting partitions from top

Q.no 5. A series of 'pins' cut to extend from the end of one board interlock with a series of 'tails' cut into the end of another board is called as -

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C : Column

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B : Suspended from corner

C : Suspended from below

D : suspended from door

Q.no 8. Out of the given options, which is not a defect in paints?

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D : Foxiness

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A : Knots

B : Seasoning

C : Warping

D : tempering

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- C : Cross member in the frame
- D : Wedge between walls and frames.

Q.no 19. Which joint is formed by putting the two timber pieces one over the other from a short distance and the binding them together by means of iron straps or Stirrups?

- A : Scarfed
- B : Spliced
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Q.no 20. Out of the given options, which cannot be a reason to provide suspended ceiling?

A : hiding the service lines

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Q.no 22. In Prestressing, the tendons are tensioned against -

A : Abutment

B : Jacket

C : Concrete block

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Q.no 25. Which type of varnishes dry slowly, but they form hard and durable surface?

A : Oil

B : Spirit

C : Water

D : Turpentine

Q.no 26. The type of stress carried by column and bearing walls is _____

A : Compressive stress

B : Tensile stress

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D : Horizontal Stress

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A : Aluminum

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C : Wooden

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A : Bridle joint

B : Oblique tenon joint

C : Mitre joint

D : Birds mouth joint

Q.no 29. Arch is type of -

A : self-supporting compressive structure

B : self-supporting tensile structure

C : Surface active structure

D : Vector active structure

Q.no 30. The appearance of Anticorrosive paint is in color is -

A : Blue

B : White

C : Black

D : Yellow

Q.no 31. Suspended decorated ceilings cannot be provided to _____

A : Service floors

B : Auditoriums

C : Hotels

D : Conference halls

Q.no 32. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

A : Widening joint

B : Angle joint

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D : Corner joint

Q.no 33. Which is a natural medium for seasoning of timber ?

A : Air

B : Chemical

C : Kiln

D : Boiling

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Q.no 37. Which capacity of slab increases due to flat slab construction?

A : Tensile capacity

B : Shear Capacity

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Q.no 38. Which defect is caused by water vapor which is trapped behind the painted surface?

A : Flaking

B : Fading

C : Blistering

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Q.no 39. What is the liquid part of the paint called?

A : pigment

B : vehicle

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A : Single skin partitions

B : Double skin partitions

C : Partitions with glass louvers are used.

D : Louver Partition

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A : Floor to floor height is to reduced

B : Clear Soffit is required

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Q.no 43. In Post tensioning method the cable duct is filled later with _____

A : Brick Bat

B : Soil

C : Steel

D : Grout

Q.no 44. Which one is not a step of timber processing?

A : Felling

B : Seasoning

C : Warping

D : Preservation

Q.no 45. Out of the given options, which material is not suitable for panelling?

A : Timber

B : Gypsum

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D : Mud mortar

Q.no 46. Extrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

Q.no 47. Complicated formwork is used in -

A : Waffle Slab

B : Cantilever Slab

C : Flat Slab

D : Flat Plate

Q.no 48. Glass blocks in glass partitions are joined together by _____

A : Glass welding

B : Fevicol

C : Very thin fine sand cement mortar

D : Araldite

Q.no 49. In pre stressed concrete beam, tensile stress is taken care by _____

A : Steel anchor

B : Steel tendon

C : Steel pipe

D : Hollow duct

Q.no 50. Physical volume of the space below does not get reduced in _____

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B : Closed false ceiling

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D : Half suspended ceiling

Q.no 51. If 'L' is centre to centre distance between two columns, then Length of Drop panel is:

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B : One fourth of length 'L'

C : One third of length 'L'

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A : Nitro cotton

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Q.no 54. 3D trusses are also called as _____

A : Flat trusses

B : Curved

C : Prismatic

D : Space

Q.no 55. Soft wood Ply is made up from -

A : Oak

B : Beech

C : Cedar

D : Mahogany

Q.no 56. Which liquid medium is used to prepare solution of resin for making varnish ?

A : water

B : alcohol

C : naptha

D : acid

Q.no 57. In membrane structures, primarily structural membrane possesses -

A : Compression

B : tension

C : Shear

D : lateral stress

Q.no 58. Pneumatic structures are based on _____

A : the use of trusses

B : the use of structural frames

C : the use of curvatures

D : the use of air pressure

Q.no 59. At the supports, beams are designed to deal with _____

A : Shear stress

B : Lateral stress

C : Bending stress

D : Compressive Stress

Q.no 60. In post tensioning the member which pulls the cables is known as -

A : Hydraulic Jack

B : Steel bars

C : Steel pipe

D : Steel Reinforcement

Answer for Question No 1. is b

Answer for Question No 2. is b

Answer for Question No 3. is b

Answer for Question No 4. is b

Answer for Question No 5. is a

Answer for Question No 6. is c

Answer for Question No 7. is a

Answer for Question No 8. is d

Answer for Question No 9. is a

Answer for Question No 10. is a

Answer for Question No 11. is a

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Answer for Question No 14. is b

Answer for Question No 15. is b

Answer for Question No 16. is c

Answer for Question No 17. is d

Answer for Question No 18. is a

Answer for Question No 19. is d

Answer for Question No 20. is b

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Answer for Question No 26. is a

Answer for Question No 27. is d

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Answer for Question No 30. is c

Answer for Question No 31. is a

Answer for Question No 32. is b

Answer for Question No 33. is a

Answer for Question No 34. is a

Answer for Question No 35. is c

Answer for Question No 36. is b

Answer for Question No 37. is b

Answer for Question No 38. is c

Answer for Question No 39. is b

Answer for Question No 40. is a

Answer for Question No 41. is b

Answer for Question No 42. is c

Answer for Question No 43. is d

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Answer for Question No 49. is b

Answer for Question No 50. is a

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Answer for Question No 52. is d

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Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
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Q.no 1. Which of them is a defect in timber?

- A : Knots
- B : Seasoning
- C : Warping
- D : tempering

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- A : Blistering
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Q.no 3. Suspended ceilings are _____

A : Suspended from top

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D : suspended from door

Q.no 4. Sole member in partitions is a _____

A : Horizontal member supporting Studs.

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D : surface action

Q.no 7. What is the function of drier in a varnish ?

A : to accelerate process of drying

B : to make the varnish durable

C : to give glossy finish to varnish

D : to impart liquidity to varnish

Q.no 8. Which joint is formed by putting the two timber pieces one over the other from a short distance and the binding them together by means of iron straps or Stirrups?

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Q.no 10. A reinforced-concrete floor construction not requiring beams and girders to transmit the floor load to supporting columns is called as _____

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Q.no 19. Flat slabs are mainly used for _____

- A : Long span
- B : Medium spans
- C : Short spans
- D : Cantilever spans

Q.no 20. In Bulk active structures ,members those transmit compressive load vertically are_____

- A : Beam
- B : Foundation

C : Column

D : Roof

Q.no 21. What are the joints employed to extend the width of board or planks, which are placed edge to edge?

A : Angle

B : Widening

C : Lapped

D : Oblique

Q.no 22. Which component is important in surface active systems?

A : vector forces in members

B : profile, shape and form

C : Sectional sizes and depths of the components

D : surface action

Q.no 23. Which joint is employed to extend the length of a member by joining two pieces of timber ?

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B : Angle

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Q.no 24. Out of the given options, which cannot be a reason to provide suspended ceiling?

A : hiding the service lines

B : For better natural light

C : For aesthetic purpose

D : for reducing the volume of space and load on A.C.

Q.no 25. The members those transfer load vertically in bulk active system are -

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B : Beam and Slab

C : Roof and purlin

D : Girder and Rafter

Q.no 26. Which type of varnish is a variety of French polish

A : Oil Varnish

B : Turpentine varnish

C : Spirit Varnish

D : Water varnish

Q.no 27. The two members meeting at an angle can be joined by a -

A : Bridle joint

B : Oblique tenon joint

C : Mitre joint

D : Birds mouth joint

Q.no 28. What is the base material for distemper?

A : chalk

B : sand

C : clay

D : lime putty

Q.no 29. Which type of partiiton is used for better sound insulation?

A : Single skin partitions

B : Double skin partitions

C : Partitions with glass louvers are used.

D : Louver Partition

Q.no 30. Ribbed slabs are mainly used where -

A : Floor to floor height is to reduced

B : Clear Soffit is required

C : Soffit is exposed

D : Soffit is enclosed

Q.no 31. Which one is not a step of timber processing?

A : Felling

B : Seasoning

C : Warping

D : Preservation

Q.no 32. Complicated formwork is used in -

A : Waffle Slab

B : Cantilever Slab

C : Flat Slab

D : Flat Plate

Q.no 33. Which defect is caused by water vapor which is trapped behind the painted surface?

A : Flaking

B : Fading

C : Blistering

D : Flashing

Q.no 34. The type of stress carried by column and bearing walls is _____

A : Compressive stress

B : Tensile stress

C : Lateral stress

D : Horizontal Stress

Q.no 35. Which is a natural medium for seasoning of timber ?

A : Air

B : Chemical

C : Kiln

D : Boiling

Q.no 36. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

A : Widening joint

B : Angle joint

C : Oblique Joint

D : Corner joint

Q.no 37. Out of the given options, which material is not suitable for panelling?

A : Timber

B : Gypsum

C : PVC

D : Mud mortar

Q.no 38. What is the liquid part of the paint called?

A : pigment

B : vehicle

C : base

D : drier

Q.no 39. Folded plate structure is one of type of -

A : Form active systems

B : Surface active systems

C : Vector active systems

D : Section active system

Q.no 40. Arch is type of -

A : self-supporting compressive structure

B : self-supporting tensile structure

C : Surface active structure

D : Vector active structure

Q.no 41. Glass blocks in glass partitions are joined together by _____

A : Glass welding

B : Fevicol

C : Very thin fine sand cement mortar

D : Araldite

Q.no 42. Intrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

Q.no 43. In pre stressed concrete beam, tensile stress is taken care by ____

A : Steel anchor

B : Steel tendon

C : Steel pipe

D : Hollow duct

Q.no 44. In Post tensioning method the cable duct is filled later with _____

A : Brick Bat

B : Soil

C : Steel

D : Grout

Q.no 45. Physical volume of the space below does not get reduced in _____

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B : Closed false ceiling

C : Suspended False ceiling

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Q.no 46. A reinforced concrete frame system with a uniform thickness that is supported directly over the columns or the load-bearing walls is called as _____

A : Flat Plate

B : Waffle slab

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A : Increase shear strength of slab

B : Reduce deflection

C : Increase decorative value

D : Reduce lateral stress

Q.no 48. Extrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

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D : Pedestal of an arch

Q.no 49. Electrical provisions can be easily installed in -

A : waffle slab

B : Flat slab

C : Flat plate slab

D : two way slab

Q.no 50. The appearance of Anticorrosive paint is in color is -

A : Blue

B : White

C : Black

D : Yellow

Q.no 51. Soft wood Ply is made up from -

A : Oak

B : Beech

C : Cedar

D : Mahogany

Q.no 52. What is the liquid medium used in Oil paints?

A : thinner

B : alcohol

C : turpentine

D : linseed oil

Q.no 53. If 'L' is centre to centre distance between two columns, then Length of Drop panel is:

A : Half of length 'L'

B : One fourth of length 'L'

C : One third of length 'L'

D : One Fifth of length 'L'

Q.no 54. In post tensioning the member which pulls the cables is known as -

A : Hydraulic Jack

B : Steel bars

C : Steel pipe

D : Steel Reinforcement

Q.no 55. The structural design principles of continuous flat slab floors are similar to:

A : One way slab

B : Two way slab

C : Cantilever slab

D : Diagonal slab

Q.no 56. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Q.no 57. Which liquid medium is used to prepare solution of resin for making varnish ?

A : water

B : alcohol

C : naptha

D : acid

Q.no 58. Pneumatic structures are based on _____

A : the use of trusses

B : the use of structural frames

C : the use of curvatures

D : the use of air pressure

Q.no 59. The hanging sections are used in suspended ceiling system are made up of _____

A : Aluminium

B : Mild steel

C : Galvanised steel

D : Structural steel

Q.no 60. At the supports, beams are designed to deal with _____

A : Shear stress

B : Lateral stress

C : Bending stress

D : Compressive Stress

Answer for Question No 1. is a

Answer for Question No 2. is d

Answer for Question No 3. is a

Answer for Question No 4. is a

Answer for Question No 5. is b

Answer for Question No 6. is c

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Answer for Question No 8. is d

Answer for Question No 9. is a

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Answer for Question No 12. is a

Answer for Question No 13. is a

Answer for Question No 14. is b

Answer for Question No 15. is a

Answer for Question No 16. is c

Answer for Question No 17. is a

Answer for Question No 18. is b

Answer for Question No 19. is b

Answer for Question No 20. is c

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Answer for Question No 22. is d

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Answer for Question No 24. is b

Answer for Question No 25. is a

Answer for Question No 26. is c

Answer for Question No 27. is c

Answer for Question No 28. is a

Answer for Question No 29. is b

Answer for Question No 30. is c

Answer for Question No 31. is c

Answer for Question No 32. is a

Answer for Question No 33. is c

Answer for Question No 34. is a

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Answer for Question No 36. is b

Answer for Question No 37. is d

Answer for Question No 38. is b

Answer for Question No 39. is b

Answer for Question No 40. is a

Answer for Question No 41. is c

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Answer for Question No 47. is a

Answer for Question No 48. is b

Answer for Question No 49. is a

Answer for Question No 50. is c

Answer for Question No 51. is c

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Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
 - 2) Attempt any 50 questions out of 60.
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Q.no 4. 'Studs' in partitions are _____

A : Horizontal members used in framings.

B : Vertical members used in framings

C : Cross members used in framings.

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A : Beam

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Q.no 7. In Prestressing, the tendons are tensioned against -

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B : Surface active systems

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Q.no 37. Which is a natural medium for seasoning of timber ?

A : Air

B : Chemical

C : Kiln

D : Boiling

Q.no 38. The straps provided in case of Lapped joint are -

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B : Nickel

C : Wooden

D : Iron

Q.no 39. Electrical provisions can be easily installed in -

- A : waffle slab
- B : Flat slab
- C : Flat plate slab
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Q.no 40. Ribbed slabs are mainly used where -

- A : Floor to floor height is to reduced
- B : Clear Soffit is required
- C : Soffit is exposed
- D : Soffit is enclosed

Q.no 41. In Segmental Arch, the center of n arch lies_____

- A : below the springing line
- B : above the springing line
- C : on the springing line
- D : above one third portion of springing line

Q.no 42. In Post tensioning method the cable duct is filled later with _____

- A : Brick Bat
- B : Soil
- C : Steel
- D : Grout

Q.no 43. Which type of varnish is a variety of French polish

- A : Oil Varnish
- B : Turpentine varnish

C : Spirit Varnish

D : Water varnish

Q.no 44. Which capacity of slab increases due to flat slab construction?

A : Tensile capacity

B : Shear Capacity

C : Compressive capacity

D : Lateral capacity

Q.no 45. Drop panels are used to -

A : Increase shear strength of slab

B : Reduce deflection

C : Increase decorative value

D : Reduce lateral stress

Q.no 46. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

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Q.no 49. Which one is not a step of timber processing?

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B : Seasoning

C : Warping

D : Preservation

Q.no 50. The type of stress carried by column and bearing walls is _____

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C : Lateral stress

D : Horizontal Stress

Q.no 51. The structural design principles of continuous flat slab floors are similar to:

A : One way slab

B : Two way slab

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D : Diagonal slab

Q.no 52. Shell structure is one of the type of _____

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Q.no 54. Which liquid medium is used to prepare solution of resin for making varnish ?

A : water

B : alcohol

C : naptha

D : acid

Q.no 55. 3D trusses are also called as _____

A : Flat trusses

B : Curved

C : Prismatic

D : Space

Q.no 56. Row of arches in continuation is called as _____

A : Curvature

B : Façade

C : Arcade

D : Keystone

Q.no 57. At the supports, beams are designed to deal with _____

A : Shear stress

B : Lateral stress

C : Bending stress

D : Compressive Stress

Q.no 58. The hanging sections are used in suspended ceiling system are made up of _____

A : Aluminium

B : Mild steel

C : Galvanised steel

D : Structural steel

Q.no 59. In membrane structures, primarily structural membrane possesses -

A : Compression

B : tension

C : Shear

D : lateral stress

Q.no 60. Which of them do not define as property of hardwood?

A : Quick growth

B : Contain little resin

C : Compact arrangement of grains

D : Slow growth

Answer for Question No 1. is b

Answer for Question No 2. is a

Answer for Question No 3. is b

Answer for Question No 4. is b

Answer for Question No 5. is c

Answer for Question No 6. is d

Answer for Question No 7. is a

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Answer for Question No 9. is c

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Answer for Question No 32. is a

Answer for Question No 33. is a

Answer for Question No 34. is d

Answer for Question No 35. is c

Answer for Question No 36. is a

Answer for Question No 37. is a

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Answer for Question No 47. is a

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Answer for Question No 49. is c

Answer for Question No 50. is a

Answer for Question No 51. is b

Answer for Question No 52. is b

Answer for Question No 53. is a

Answer for Question No 54. is b

Answer for Question No 55. is c

Answer for Question No 56. is c

Answer for Question No 57. is a

Answer for Question No 58. is a

Answer for Question No 59. is b

Answer for Question No 60. is a

Total number of questions : 60

10034_BUILDING TECHNOLOGY AND MATERIALS V

Time : 1hr

Max Marks : 50

N.B

- 1) All questions are Multiple Choice Questions having single correct option.
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-

Q.no 1. Out of the given options, which cannot be a reason to provide suspended ceiling?

- A : hiding the service lines
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- D : for reducing the volume of space and load on A.C.

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- A : Beam
- B : Foundation

C : Column

D : Roof

Q.no 3. Which joint is formed by putting the two timber pieces one over the other from a short distance and the binding them together by means of iron straps or Stirrups?

A : Scarfed

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Q.no 6. In Prestressing, the tendons are tensioned against -

A : Abutment

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Q.no 10. Which component is important in surface active systems?

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Q.no 11. Saving of weight and material is done in which type of RCC flooring system?

A : Flat Slab

B : Flat Plate slab

C : Ribbed slab

D : Band beam system

Q.no 12. A series of 'pins' cut to extend from the end of one board interlock with a series of 'tails' cut into the end of another board is called as -

A : Dovetailed joint

B : Widening Joint

C : Tongued and Grooved Joint

D : Angle
Joint

Q.no 13. Material used as insulator in double skin partitions is -

A : Sheep wool

B : Glass powder

C : Glass wool

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D : surface action

Q.no 18. 'Studs' in partitions are _____

A : Horizontal members used in framings.

B : Vertical members used in framings

C : Cross members used in framings.

D : Members supporting partitions from top

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Q.no 20. Sole member in partitions is a _____

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B : Horizontal member topping Studs

C : Cross member in the frame

D : Wedge between walls and frames.

Q.no 21. The first coat of paint applied during the painting process called as -

A : Priming coat

B : Finishing coat

C : End coat

D : Under coat

Q.no 22. A reinforced-concrete floor construction not requiring beams and girders to transmit the floor load to supporting columns is called as _____

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Q.no 31. Physical volume of the space below does not get reduced in _____

A : Open False ceiling

B : Closed false ceiling

C : Suspended False ceiling

D : Half suspended ceiling

Q.no 32. Complicated formwork is used in -

A : Waffle Slab

B : Cantilever Slab

C : Flat Slab

D : Flat Plate

Q.no 33. Glass blocks in glass partitions are joined together by _____

A : Glass welding

B : Fevicol

C : Very thin fine sand cement mortar

D : Araldite

Q.no 34. Arch is type of -

A : self-supporting compressive structure

B : self-supporting tensile structure

C : Surface active structure

D : Vector active structure

Q.no 35. Which is a natural medium for seasoning of timber ?

A : Air

B : Chemical

C : Kiln

D : Boiling

Q.no 36. Which type of varnish is a variety of French polish

A : Oil Varnish

B : Turpentine varnish

C : Spirit Varnish

D : Water varnish

Q.no 37. Ribbed slabs are mainly used where -

A : Floor to floor height is to reduced

B : Clear Soffit is required

C : Soffit is exposed

D : Soffit is enclosed

Q.no 38. Which defect is caused by water vapor which is trapped behind the painted surface?

A : Flaking

B : Fading

C : Blistering

D : Flashing

Q.no 39. The appearance of Anticorrosive paint is in color is -

A : Blue

B : White

C : Black

D : Yellow

Q.no 40. Extrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

Q.no 41. In pre stressed concrete beam, tensile stress is taken care by ____

A : Steel anchor

B : Steel tendon

C : Steel pipe

D : Hollow duct

Q.no 42. Intrados of an arch means -

A : inner curve of an arch

B : Outer curve of an arch

C : wedge shaped unit fixed at the crown of arch

D : Pedestal of an arch

Q.no 43. Which one is not a step of timber processing?

A : Felling

B : Seasoning

C : Warping

D : Preservation

Q.no 44. Which capacity of slab increases due to flat slab construction?

A : Tensile capacity

B : Shear Capacity

C : Compressive capacity

D : Lateral capacity

Q.no 45. In Post tensioning method the cable duct is filled later with _____

A : Brick Bat

B : Soil

C : Steel

D : Grout

Q.no 46. What are the corner joints which are employed to connect the members at ends to form a corner or angular edge?

A : Widening joint

B : Angle joint

C : Oblique Joint

D : Corner joint

Q.no 47. Electrical provisions can be easily installed in -

A : waffle slab

B : Flat slab

C : Flat plate slab

D : two way slab

Q.no 48. Drop panels are used to -

A : Increase shear strength of slab

B : Reduce deflection

C : Increase decorative value

D : Reduce lateral stress

Q.no 49. The straps provided in case of Lapped joint are -

A : Aluminum

B : Nickel

C : Wooden

D : Iron

Q.no 50. The type of stress carried by column and bearing walls is _____

A : Compressive stress

B : Tensile stress

C : Lateral stress

D : Horizontal Stress

Q.no 51. Row of arches in continuation is called as _____

A : Curvature

B : Façade

C : Arcade

D : Keystone

Q.no 52. At the supports, beams are designed to deal with _____

A : Shear stress

B : Lateral stress

C : Bending stress

D : Compressive Stress

Q.no 53. 3D trusses are also called as _____

A : Flat trusses

B : Curved

C : Prismatic

D : Space

Q.no 54. In post tensioning the member which pulls the cables is known as -

A : Hydraulic Jack

B : Steel bars

C : Steel pipe

D : Steel Reinforcement

Q.no 55. Thickening in flat slab at the column is called as _____

A : Column pedestal

B : Cornice

C : Drop Panel

D : Column Head

Q.no 56. Soft wood Ply is made up from -

A : Oak

B : Beech

C : Cedar

D : Mahogany

Q.no 57. Dynamic Loads are considered for_____

A : Swimming pools

B : water tanks

C : Bridges

D : Basement structures

Q.no 58. What is binding material gets used in Emulsion Paints?

A : Nitro cotton

B : Zinc white

C : White lead

D : Polyvinyl acetate

Q.no 59. Which of them do not define as property of hardwood?

A : Quick growth

B : Contain little resin

C : Compact arrangement of grains

D : Slow growth

Q.no 60. In membrane structures, primarily structural membrane possesses -

A : Compression

B : tension

C : Shear

D : lateral stress

Answer for Question No 1. is b

Answer for Question No 2. is c

Answer for Question No 3. is d

Answer for Question No 4. is b

Answer for Question No 5. is b

Answer for Question No 6. is a

Answer for Question No 7. is b

Answer for Question No 8. is a

Answer for Question No 9. is c

Answer for Question No 10. is d

Answer for Question No 11. is c

Answer for Question No 12. is a

Answer for Question No 13. is c

Answer for Question No 14. is d

Answer for Question No 15. is a

Answer for Question No 16. is b

Answer for Question No 17. is c

Answer for Question No 18. is b

Answer for Question No 19. is a

Answer for Question No 20. is a

Answer for Question No 21. is a

Answer for Question No 22. is a

Answer for Question No 23. is b

Answer for Question No 24. is a

Answer for Question No 25. is a

Answer for Question No 26. is a

Answer for Question No 27. is d

Answer for Question No 28. is b

Answer for Question No 29. is a

Answer for Question No 30. is c

Answer for Question No 31. is a

Answer for Question No 32. is a

Answer for Question No 33. is c

Answer for Question No 34. is a

Answer for Question No 35. is a

Answer for Question No 36. is c

Answer for Question No 37. is c

Answer for Question No 38. is c

Answer for Question No 39. is c

Answer for Question No 40. is b

Answer for Question No 41. is b

Answer for Question No 42. is a

Answer for Question No 43. is c

Answer for Question No 44. is b

Answer for Question No 45. is d

Answer for Question No 46. is b

Answer for Question No 47. is a

Answer for Question No 48. is a

Answer for Question No 49. is d

Answer for Question No 50. is a

Answer for Question No 51. is c

Answer for Question No 52. is a

Answer for Question No 53. is c

Answer for Question No 54. is a

Answer for Question No 55. is c

Answer for Question No 56. is c

Answer for Question No 57. is c

Answer for Question No 58. is d

Answer for Question No 59. is a

Answer for Question No 60. is b
