

25CE301 BUILDING MATERIALS AND CONCRETE TECHNOLOGY

UNIT –I

Part-A Objective Questions

1. Which of the following is a sedimentary rock?
 - a) Granite
 - b) Marble
 - c) Sandstone
 - d) Basalt

Answer: c) Sandstone

2. Dressing of stones is done to:
 - a) Increase moisture
 - b) Give required shape and finish
 - c) Reduce strength
 - d) Increase weight

Answer: b) Give required shape and finish

3. Which test determines the toughness of stone?
 - a) Impact test
 - b) Crushing test
 - c) Hardness test
 - d) Absorption test

Answer: a) Impact test

4. The main ingredient in brick earth is:
 - a) Lime
 - b) Silica
 - c) Alumina
 - d) Gypsum

Answer: c) Alumina

5. Over-burnt bricks are generally used for:
 - a) Face work
 - b) Foundations
 - c) Reinforced concrete
 - d) Flooring tiles

Answer: b) Foundations

6. Efflorescence in bricks is due to:
 - a) Presence of salts
 - b) Excess clay
 - c) Lack of burning
 - d) Excess water

Answer: a) Presence of salts

7. Which timber is commonly used for furniture?
 - a) Teak
 - b) Bamboo
 - c) Coconut wood
 - d) Palm wood

Answer: a) Teak

8. Heartwood is generally:

- a) Softer
- b) Weaker
- c) Durable
- d) Wet

Answer: c) Durable

9. Preservation of timber is done to protect against:

- a) Fire only
- b) Decay and insects
- c) Shrinkage only
- d) Moisture only

Answer: b) Decay and insects

10. Plywood is prepared by:

- a) Gluing veneers
- b) Compressing sand
- c) Burning clay
- d) Mixing cement

Answer: a) Gluing veneers

11. Which tile is commonly used for roofing?

- a) Mosaic tile
- b) Mangalore tile
- c) Ceramic tile
- d) Granite tile

Answer: b) Mangalore tile

12. Quarrying by blasting is suitable for:

- a) Soft rocks
- b) Hard rocks
- c) Timber
- d) Clay

Answer: b) Hard rocks

13. Water absorption of good bricks should be less than:

- a) 10%
- b) 20%
- c) 30%
- d) 40%

Answer: b) 20%

14. Which defect occurs due to improper seasoning?

- a) Warp
- b) Knot
- c) Decay
- d) Shake

Answer: a) Warp

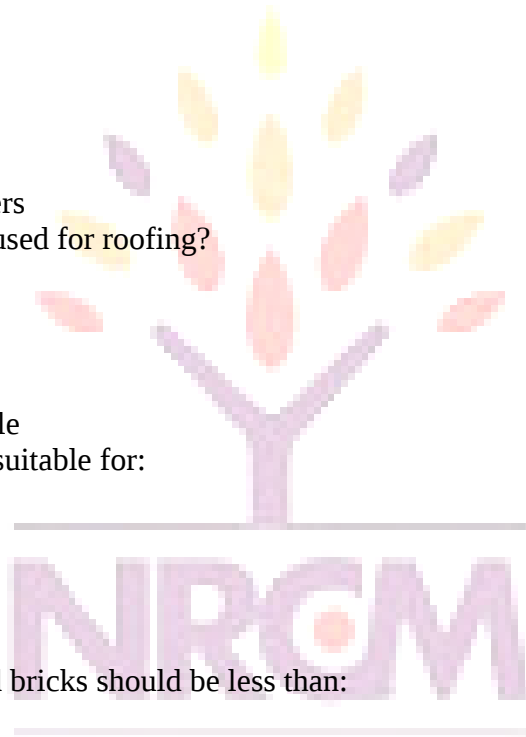
15. Sapwood is generally:

- a) Dark colored
- b) Stronger than heartwood
- c) Lighter in color
- d) Non-porous

Answer: c) Lighter in color

16. Artificial stones are mainly used because of:

- a) Low durability
- b) Uniform appearance
- c) High water absorption



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d) Poor finish

Answer: b) Uniform appearance

17. Which property makes granite suitable for flooring?

a) Softness

b) Hardness

c) Low density

d) Porosity

Answer: b) Hardness

18. Which process improves the durability of bricks?

a) Drying and burning

b) Polishing

c) Cooling in water

d) Grinding

Answer: a) Drying and burning

19. Which timber defect is caused by improper growth of branches?

a) Knot

b) Shake

c) Warp

d) Twist

Answer: a) Knot

20. Particle boards are made from:

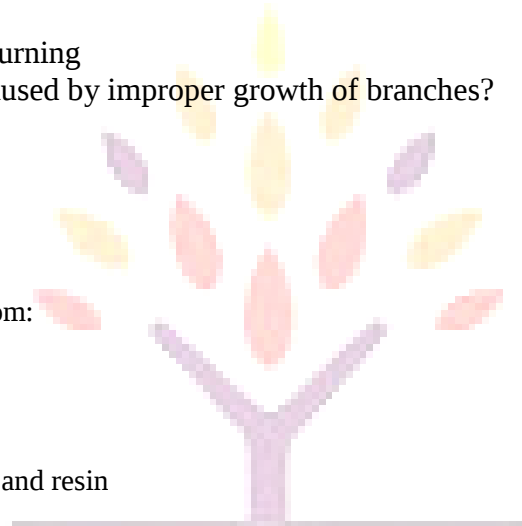
a) Veneers only

b) Cement paste

c) Wood particles and resin

d) Clay and lime

Answer: c) Wood particles and resin



Part-B Fill in the blanks

1. Building stones are naturally occurring _____. **Answer:** Rocks

2. Granite is an example of an _____ rock. **Answer:** Igneous

3. Marble is a _____ rock. **Answer:** Metamorphic

4. Limestone is a _____ rock. **Answer:** Sedimentary

5. The extraction of stones is called _____. **Answer:** Quarrying

6. The process of shaping stones is called _____. **Answer:** Dressing

7. Bricks are manufactured from _____. **Answer:** Clay

8. Bricks are burnt in a _____. **Answer:** Kiln

9. First-class bricks have _____ edges. **Answer:** Sharp

10. White deposits on bricks are called _____. **Answer:** Efflorescence

11. Clay roof tiles are mainly used for _____. **Answer:** Roofing

12. Timber obtained from deciduous trees is called _____. **Answer:** Hardwood

13. Removal of moisture from timber is called _____. **Answer:** Seasoning

14. Plywood is made from thin layers called _____. **Answer:** Veneers

15. Coal tar creosote is used for timber _____. **Answer:** Preservation