



Date : 30-10-2011

PAINTING INSPECTOR EXAM MULTIPLE CHOICE
QUESTION

Prepared by TCA Gafoor (tcagokl@yahoo.com ,
<http://tcagafoor.webnode.com>)

Choose the correct answer from the choice (answers on last page)

1. 1000 um =
 - a. 1cm
 - b. 1mm
 - c. 10mm
 - d. 0.1mm

2. Which one is non metallic abrasive
 - a) Iron Silica
 - b) Steel Shot,
 - c) Steel Grit,
 - d) Grit-Shot Mix

3. VS% relate to
 - a) Volatile
 - b) Non volatile
 - c) Total Paint volume
 - d) Activator

4. Thixotrops are of _____ type
 - a) Liquid
 - b) Solid
 - c) Gel
 - d) Gas

5. Addition of thixotropes helps to avoid _____
- a) Blistering
 - b) Sagging
 - c) Cracking
 - d) Flaking
6. Which coating fault occurs when over thinning a paint
- a) Pinholes
 - b) Run
 - c) Spot rusting
 - d) Hair cracking
7. Which fault relate to Peeling
- a) Orange peel
 - b) Flaking
 - c) Wrinkling
 - d) Cracking
8. Chemical cleaning is another name for
- a) Silver nitrate test
 - b) Potassium ferricyanide test
 - c) Pickling
 - d) Copper sulphate test
9. Which fault can be avoided when bitumen removed from paint system
- a) Bittines
 - b) Blistering
 - c) Cracking
 - d) Bleeding
10. What is the actual DFT ,if banana gauge shows 335um when checked on galvanizing
- a) 335um
 - b) 265um
 - c) 235um
 - d) 435um
11. Ford flow cup nozzle is made of

- a) Aluminum alloy
- b) Stainless steel
- c) Nickel
- d) Tungsten carbide

12. _____ can be used to check pressure

- a. Hygrometer
- b. Surface profile needle gauge
- c. Hypodermic needle gauge
- d. Touch pyrometer

13. Dolly test used to check _____

- a) Hardness
- b) Flexibility
- c) DFT
- d) Adhesion

14. What will be the unit of viscosity of a thixotropes paint

- a) Second
- b) Centipoises
- c) Ns/m^2
- d) Stoke

15. How to use comb gauge on a pipe

- a) Perpendicularly
- b) Circumferentially
- c) Longitudinally
- d) Not possible

16. If the required DFT is 50um ,then the particle size in the paint should be _____

- a) 50um
- b) Above 50um
- c) Below 50um
- d) All the above

17. which laminar pigment is best for UV protection

- a) Aluminum Flake
- b) MIO
- c) Glass Flake
- d) Graphite

18. Fe⁺⁺ is _____

- a) An atom
- b) Molecule
- c) Ion
- d) Iron Substrate

19. Which is cathode in corrosion

- a) Water
- b) Oxygen
- c) Substrate
- d) Electrons released

20. Which one is more noble

- a) Silver
- b) Steel
- c) Magnesium
- d) Zinc

21. Hygroscopic slats cause

- a) Rash rusting
- b) Pinholes
- c) Rogue peak
- d) Blisters

22. Which pressure suitable for dry blasting

- a) 20psi
- b) 100psi
- c) 220psi
- d) 450psi

23. Degree of roughness related to

- a) Abrasive blasting
- b) Hand and power tool
- c) Anchor pattern
- d) Abrasive hardness

24. Un fused area in steel is _____

- a) Sliver
- b) Rogue Peak
- c) Hackle
- d) Pinhole

25. Transparent layer in replica tape is _____

- a) Milar
- b) Mylex
- c) Mylar
- d) Testex

26. _____ NOT SUITABLE FOR PROFILE MEASUREMENT

- a) Dial micrometer
- b) Surface profile needle gauge
- c) Surface comparator
- d) Corn plaster method

27. Burnishing occurs when

- a) High pressure Water blasting
- b) Flame cleaning
- c) Dry Abrasive blasting
- d) Needle Gunning

28. Which one is not quantitative

- a) Silver nitrate test
- b) Dolly test
- c) Bristle sample patch test
- d) Banana gauge test

29. Which is not a property of binder

- a) Cohesive strength
- b) Leafing effect
- c) Resist water
- d) Hold pigments in suspension

30. Which one is saturated

- a) Linseed oil
- b) Tung oil
- c) Palm oil
- d) China wood oil

31. Which one is not a pigment

- a) Coal tar
- b) Red lead
- c) MIO
- d) Silicone

32. Which one cannot be used for yellow colour paint

- a) Chromium
- b) Cobalt
- c) Calcium
- d) Iron

33. Which one is not toxic

- a) Zinc chromate
- b) Zinc phosphate
- c) Calcium plumbate
- d) Coal tar

34. Which property of a solvent is not best

- a) Low evaporation rate
- b) Low toxicity
- c) Low flashpoint
- d) High evaporation rate

35. Paint is a _____

- a) Solution

- b) Solute
- c) Solvent
- d) Dispersion

36. Which one is convertible

- a) CR
- b) Vinyl
- c) Natural Resin
- d) Emulsion

37. Which one is not a direct charge mill

- a) Ball mill
- b) Attritor Mill
- c) Bead mill
- d) High Speed Dispenser

38. Reccova valve is _____

- a) Control abrasive transfer
- b) Stores abrasives
- c) Removes water
- d) Control air from compressor

39. Specular Hematite is other name

- a) Rust
- b) Millscale
- c) MIO
- d) Steel flex

40. Toxicity measured in

- a) Mph
- b) Psi
- c) Ppm
- d) Cfm

41. Mixing of two pack can be calculated by
- a) Pykno meter
 - b) Closed Abel Cup
 - c) Pyro meter
 - d) Crypto meter
42. Approx viscosity of paint is
- a) 1 centi poise
 - b) 1 stoke
 - c) 2.4 Ns/m²
 - d) 1.2 gm/cc
43. Air temperature can be calculated by
- a) Hygro meter
 - b) Thermo stat
 - c) Limpet gauge
 - d) Strobo scope
44. Chalking occurs due to
- a. Coating age
 - b. Weathering
 - c. Shelf life problem
 - d. Hygro scopic salts
45. Vaccume blasting is
- a. Water blasting
 - b. Abrasive blasting
 - c. Closed blasting
 - d. Air blasting with water
46. Inclusion is defect related to
- a. Rogue peak
 - b. Lamination
 - c. Hackle
 - d. High thickness profile
47. Which fault happens when over apply zinc silicate
- a. Sagging
 - b. Run
 - c. Mud cracking
 - d. Holidays
48. Lifting of coating material from surface is _____

- a. Wrinkling
- b. Lifting
- c. Flaking
- d. Mud cracking

49. _____ not a destructive test

- a. PIG
- b. Saberg Thickness Drill
- c. Koenig Albert
- d. Horse Shoe

50. How much air supplied ,if nozzle size is $\frac{1}{2}$ inch

- a. 450 cfm
- b. 413 cfm
- c. 100 cfm
- d. 220 cfm

51. _____ can be applied when Relative humidity = 100%

- a. Epoxy
- b. CR
- c. Poly urethane
- d. Zinc Rich Epoxy

ANSWERS

- 1. 1mm
- 2. Iron Silica
- 3. Non volatile
- 4. Gel
- 5. Sagging
- 6. Run

7. Flaking
8. Pickling'
9. Bleeding
10. 235um (deduct 100um)
11. Stainless steel
12. Hypodermic needle gauge
13. Adhesion
14. Ns/m²
15. Longitudinally
16. Below 50um
17. Aluminum Flake
18. Ion
19. Electrons released
20. Silver
21. Blisters
22. 100psi
23. Anchor pattern
24. Sliver
25. Mylar
26. Surface comparator (assessment only)
27. Needle Gunning
28. Silver nitrate test
29. Leafing effect
30. Palm oil
31. Silicone
32. Iron
33. Zinc phosphate
34. Low flashpoint
35. Dispersion
36. Natural Resin
37. Bead mill
38. Removes water (another name of knockout pot)
39. MIO
40. Ppm
41. Pykno meter (density cup)
42. 2.4 Ns/m²
43. Hygro meter (whirling)
44. Coating age
45. Closed blasting
46. Lamination
47. Mud cracking

- 48. Flaking
- 49. Horse shoe
- 50. 413 cfm
- 51. Poly urethane

PAINTING INSPECTOR EXAM MULTIPLE CHOICE QUESTION

Prepared by TCA Gafoor (tcagokl@yahoo.com ,
<http://tcagafoor.webnode.com>)