

Unit 10 - Week 8

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Assignment 8

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-11-11, 23:59 IST.

- 1) Pigments in paint with platelet shaped particles like mica or aluminum can reduce: 1 point
- (A) Permeability
 (B) Durability
 (C) Washability
 (D) Adhesion
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(A) Permeability
- 2) Lack of bonding between two layers of paint or paint and substrate is called: 1 point
- (A) Saponification
 (B) Flaking
 (C) Blooming
 (D) Chalking
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(B) Flaking
- 3) _____ in paints is due to chemical action like alkalis. 1 point
- (A) Saponification
 (B) Grinning
 (C) Blooming
 (D) Chalking
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(A) Saponification
- 4) The phenomena of surrounding every pigment by sufficient binder as a protective coating is called: 1 point
- (A) Adhesion
 (B) Washability
 (C) Wetting
 (D) Durability
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(C) Wetting
- 5) The ratio of the volume of the pigment divided by the volume of both pigment and binder together is called: 1 point
- (A) Paint concentrate
 (B) Paint-Substrate concentrate
 (C) Pigment Volume Concentration
 (D) Binder-Base concentrate
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(C) Pigment Volume Concentration
- 6) How thick or thin is the layer/ film of a paint? 1 point
- (A) 30-60 micron
 (B) 60 -120 micron
 (C) 60 -150 micron
 (D) 50 -100 micron
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(C) 60 -150 micron
- 7) Adulterant added to paints to increase its bulk volume without effecting its useful properties is called: 1 point
- (A) Base
 (B) Binder
 (C) Additives
 (D) Thinner
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(C) Additives
- 8) _____ is a fast-drying paint made of pigment suspended in acrylic polymer emulsion. 1 point
- (A) Textured paint
 (B) Cement based paint
 (C) Acrylic paint
 (D) Dry distemper
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(C) Acrylic paint
- 9) In Intumescent paint, the term intumescent describes the property of: 1 point
- (A) Workability
 (B) Ductility
 (C) Swelling
 (D) Efflorescence
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(C) Swelling
- 10) A solution of resin or resinous substance in alcohol, turpentine or spirit is called: 1 point
- (A) Primer
 (B) Resinous Paint
 (C) Varnish
 (D) Distemper
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(C) Varnish
- 11) Which of the following statements are correct regarding paint: 2 points
- (P) Protects all surfaces against organic growths, termites, fungal attacks like wood or brick.
(Q) Provides aesthetic value/ identity to the building surface applied – both interior or exterior.
(R) Increases the surface durability and also can give fire protection.
(S) Does not modify light reflection or heat radiation of a surface.
- (A) P,Q,R
 (B) Q,R,S
 (C) S,Q,P
 (D) P,R,S
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(A) P,Q,R
- 12) Match the following: 2 points
- | | |
|-------------|--|
| (P) Base | (i) Binds the base to form a continuous hard film. |
| (Q) Thinner | (ii) Body of paint |
| (R) Pigment | (iii) Added to get desired consistency for working |
| (S) Binder | (iv) Colouring agent |
- (A) P-ii,Q-iii,R-iv,S-i
 (B) P-iv,Q-i,R-ii,S-iii
 (C) P-i,Q-ii,R-iv,S-iii
 (D) P-iii,Q-ii,R-i,S-iv
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(A) P-ii,Q-iii,R-iv,S-i
- 13) Sequence of manufacturing paint is: 2 points
- (P) Mixing of the basic ingredients in mixer in desired amounts.
(Q) Grinding the ingredients in grinder for desired fineness.
(R) Thinning with solvent to desired consistency.
(S) Agitating mix to avoid segregation.
- (A) P-Q-S-R
 (B) R-S-P-Q
 (C) P-Q-R-S
 (D) S-R-P-Q
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(C) P-Q-R-S
- 14) Which of the following are the characteristics of Polycarbonates: 2 points
- (P) Very high impact strength 200 times of glass.
(Q) Does not Scratch easily.
(R) Superior clarity.
(S) Has poor UV-resistance in its natural form than acrylic.
- (A) P,Q,R
 (B) P,R,S
 (C) Q,R,S
 (D) S,P,Q
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(B) P,R,S
- 15) Match the following with their uses: 2 points
- | | |
|------------------------------------|---|
| (P) Thermocool or Polystyrene (PS) | (i) Used in sealants, adhesives |
| (Q) Polyethylenes | (ii) Used in Gaskets for water sealing, thermal sealing |
| (R) Neoprene | (iii) Used in Water tanks, Pipe fittings, joints |
| (S) Silicones | (iv) Used as building insulation materials |
- (A) P-iv,Q-iii,R-ii,S-i
 (B) P-i,Q-ii,R-iii,S-iv
 (C) P-ii,Q-i,R-iii,S-iv
 (D) P-iii,Q-iv,R-i,S-ii
- No, the answer is incorrect.
Score: 0
Accepted Answers:
(A) P-iv,Q-iii,R-ii,S-i