

essential review

Complete the following review of Chapter 15, "Chemical Texture Services," by circling the correct answer to each question.

- _____ rods have a small diameter in the center area and gradually increase to their largest diameter at the ends, resulting in a tighter curl at hair ends, with a loose, wider curl at the scalp.
a) convex
b) straight
c) concave
d) colored
- A method of wrapping a permanent wave that is suitable for very long hair is the _____.
a) double halo method
b) double tool technique
c) single halo method
d) straight back method
- A _____ is an example of a physical change that results from breaking and re-forming the hydrogen bonds within the hair.
a) blow-dry service
b) wet set
c) hair color service
d) comb-out
- All perm wraps begin by sectioning the hair into panels which are further divided into subsections called _____.
a) panels
b) base sections
c) base panels
d) base control
- Always rinse perm solution from the hair for at least _____ minutes before applying the neutralizer.
a) two
b) three
c) four
d) five
- An _____ liquid protein conditioner can be applied to the hair and dried under a warm dryer for five minutes or more prior to neutralization if hair is damaged.
a) alkaline
b) emulsified
c) neutral
d) acidic
- Ask _____ to find out why the client wants the texture service and what results are expected.
a) open-ended questions
b) closed-ended questions
c) rhetorical questions
d) personal questions

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8. Base control refers to the position of the tool in relation to its _____ and is determined by the angle at which the hair is wrapped.
- | | |
|---------------|-------------------|
| a) panel | b) base section |
| c) base panel | d) scalp position |
9. End wraps are absorbent papers used to _____ of the hair when wrapping and winding hair on the perm tools.
- | | |
|---------------------------|----------------------------|
| a) decrease the moisture | b) control the ends |
| c) control the elasticity | d) decrease the elasticity |
10. Hair texture describes the _____ of a single strand of hair and is classified as fine, medium, or coarse.
- | | |
|-----------|-------------|
| a) length | b) color |
| c) curl | d) diameter |
11. If the hair is not _____, the hydrogen peroxide in the neutralizer can react with waving lotion and cause the hair color to lighten.
- | | |
|-------------------------|--------------------|
| a) thoroughly shampooed | b) rinsed properly |
| c) lightly shampooed | d) lightly rinsed |
12. If too many _____ bonds are broken in the perming process, the hair will be too weak to hold a firm curl.
- | | |
|--------------|----------------|
| a) disulfide | b) hydrogen |
| c) salt | d) polypeptide |
13. If you suspect metallic salts are present, mix one ounce of 20 volume peroxide with twenty drops of 28 percent _____ and immerse at least twenty strands for thirty minutes.
- | | |
|------------|--------------|
| a) bleach | b) hydrogen |
| c) ammonia | d) petroleum |
14. If hair breaks under very slight strain, it has:
- | | |
|-------------------------|----------------------------|
| a) excellent elasticity | b) very good elasticity |
| c) average elasticity | d) little or no elasticity |
15. In order to make a smooth transition from the rolled section of the head to an unrolled section, use a larger tool for the last tool next to an unrolled section when giving a _____.
- | | |
|-------------------|-----------------|
| a) curvature perm | b) partial perm |
| c) spiral perm | d) full perm |
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34. The main active ingredient in acid-balanced waving lotions is _____ .
a) glyceryl monothioglycolate b) ammonium thioglycolate
c) hydrogen peroxide d) sodium hydroxide
35. The main active ingredient or reducing agent in alkaline perms is _____ .
a) glycerol monothioglycolate b) ammonium thioglycolate
c) hydrogen peroxide d) sodium hydroxide
36. The _____ wrap is used to prevent noticeable splits and to blend the flow of the hair.
a) curvature perm b) bricklay perm
c) spiral perm d) basic perm
37. The _____ wrap is done at an angle that causes the hair to spiral along the length of the tool, like the grip on a tennis racquet.
a) spiral b) croquignole
c) bricklay d) barber pole
38. The hydrogen atoms in the disulfide bonds are so strongly attracted to the oxygen in the neutralizer that they release their bond with the sulfur atoms and join with the _____ .
a) salt bond b) nitrogen
c) hydrogen d) oxygen
39. Underprocessing is caused by _____ processing time of the waving lotion.
a) excessive b) increasing
c) insufficient d) exact
40. Waves that process more quickly and produce firmer curls than true acid waves are considered to be _____ .
a) alkaline b) acid-balanced
c) ammonium thioglycolate d) sodium hydroxide
41. What can be used to determine the actual processing time needed to achieve optimum curl results when giving a perm for the first time on a client?
a) patch test b) strand test
c) porosity test d) preliminary test curl
42. What type of hair is more fragile, easier to process, and more susceptible to damage from perm services?
a) coarse texture b) medium texture
c) non-elastic d) fine texture

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- 43.** What type of hair requires more processing than medium or fine hair and may also be more resistant to processing?
- a) coarse texture
 - b) medium texture
 - c) non-elastic
 - d) fine texture
- 44.** When the strand of hair is wrapped at an angle 45 degrees beyond perpendicular to its base section, it will result in _____.
- a) half-off base placement
 - b) off-base placement
 - c) on-base placement
 - d) on-stem placement
- 45.** When one end paper is folded in half over the hair ends like an envelope, it is called the _____.
- a) double end paper wrap
 - b) book end wrap
 - c) single end paper wrap
 - d) top-hand wrap
- 46.** When the strand of hair is wrapped at an angle 90 degrees (perpendicular) to its base section, it will result in:
- a) half-off base placement
 - b) off-base placement
 - c) on-base placement
 - d) on-stem placement
- 47.** When performing a procedure for a preliminary test curl, wrap one tool in each different area of the head including the top, the side, and the _____.
- a) bang
 - b) temple
 - c) nape
 - d) occipital
- 48.** When hair has assumed the desired shape, the broken disulfide bonds must be _____ rebonded.
- a) chemically
 - b) physically
 - c) temporarily
 - d) semi-permanently
- 49.** When you place one end wrap on top of the hair strand and hold it flat, it is called the _____.
- a) double flat wrap
 - b) bookend wrap
 - c) single flat wrap
 - d) top-hand wrap
- 50.** A hair relaxing treatment should be avoided when an examination shows the presence of _____.
- a) scalp abrasions
 - b) strong curl
 - c) excessive oils
 - d) pityriasis steatoides

essential review *continued*

- 77.** What are the three basic steps used in chemical hair relaxing?
- a) wrapping, application, rinsing
 - b) processing, neutralizing, conditioning
 - c) shampooing, application, conditioning
 - d) processing, neutralizing, stabilizing
- 78.** When applying sodium hydroxide relaxer, the processing cream is applied last to the _____ and _____.
- a) scalp area, middle of hair shaft
 - b) scalp area, hair ends
 - c) middle of hair shaft, hair ends
 - d) nape area, hair ends
- 79.** When performing a sodium hydroxide retouch, where is the product applied first?
- a) to the hair ends
 - b) to the new growth only
 - c) to the middle of the hair shaft
 - d) to the scalp area only
- 80.** When using the comb method of application, how is the relaxing cream applied?
- a) with the back of the comb
 - b) with the fingers
 - c) with the applicator brush
 - d) with the teeth of the comb
- 81.** When processing is complete for a soft curl permanent, what is done after rinsing the hair thoroughly with warm water?
- a) each curl is blotted with a towel
 - b) conditioner is applied
 - c) client is placed under a dryer
 - d) test curl is taken
- 82.** When hair has been sufficiently straightened, the hair is rinsed rapidly and thoroughly with _____ water.
- a) hot
 - b) cold
 - c) cool
 - d) warm