

1

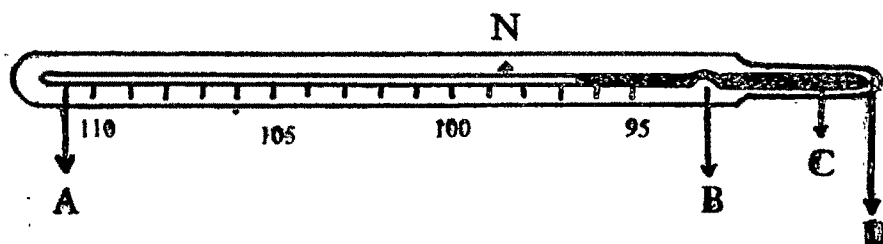
APPENDIX 'C'

POSTTEST OR CRITERION TEST

Name _____ School _____
 Sex _____ Age _____

CRITERION TEST

- (A)
1. The instrument used to measure the temperature is called _____.
 2. The heat level of a substance is scientifically called _____.
 3. Minus twelve degrees centigrade is written as _____.
 4. Hundred degrees Fahrenheit is written as _____.
 5. Minus twenty one degrees Fahrenheit is written as _____.
 6. L.F.P. means _____.
 7. The symbol ° means _____.
 8. °F means _____.
 9. °C means _____.



10. The thermometer shown in the figure is called _____ thermometer.
11. In the above figure part B shows the _____.
12. In the above figure value marked at N is _____ °F.
13. Liquid used in the above thermometer is _____.

- 2 -

(B) Select one correct answer from the four answers given in the following items. Underline the correct answer.

14. The clinical thermometer is used to measure temperature of
(a) substance.
(b) the human body.
(c) the day.
(d) the liquid.
15. The U shaped thermometer is known as the
(a) maximum thermometer.
(b) minimum thermometer.
(c) Six's thermometer.
(d) clinical thermometer.
16. When the temperature rises, the mercury level of the Centigrade thermometer
(a) rises.
(b) falls.
(c) remains steady.
(d) rises then falls.
17. Which one is a special part of the maximum and minimum thermometers?
(a) scale
(b) constriction
(c) hair spring
(d) bulb
18. Which one is a special part of the maximum and minimum thermometers?
(a) index
(b) mercury
(c) glass tube
(d) vacuum

- 3 -

19. We use mercury in the thermometers because
- (a) mercury can not be seen through the glass.
 - (b) mercury is sensitive to even small changes in temperature.
 - (c) mercury wets the glass.
 - (d) mercury contracts and expands very slowly.
20. It is easy to record the level of mercury because
- (a) mercury is a shining solid.
 - (b) mercury wets the glass.
 - (c) mercury is a shining liquid.
 - (d) mercury expands too much.
21. L.F.P. and U.F.P. are marked when level of mercury is
- (a) steady
 - (b) changing
 - (c) rising
 - (d) falling

(C) Write the appropriate word in the blank from the words given.

Words

22. The thermometer will burst at higher temperatures if there is no _____ above the mercury in the thermometer. magnet
23. The steel index is prevented from moving because of the _____. index
24. The back flow of mercury in the clinical thermometer is prevented by the _____ in the stem. bulb
25. The index in the maximum thermometer is reset using a small _____. hair spring

Words

26. The temperature of the day is recorded
by the _____.

arrow

27. To measure the temperature of water,
the _____ of the thermometer is
immersed in it.

constriction

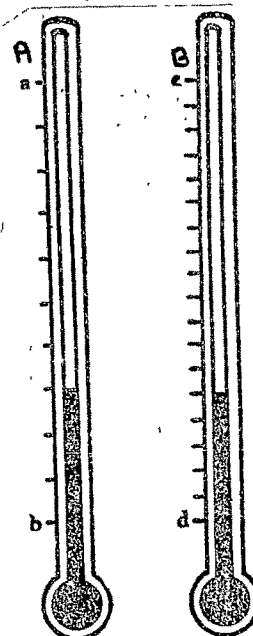
28. The normal body temperature 98.4°F is
shown in the clinical thermometer by
the _____.

mercury

vacuum

thermometer

- (D) In the figure the two types of
thermometers are shown.
Figure A shows the thermometer
that contains 100 main divisions.
Observe the figure carefully and
complete the following sentences.



29. The figure A shows the _____ (Centigrade/Fahrenheit)
thermometer.

30. Value marked at 'a' is _____ ($100^{\circ}\text{C}/212^{\circ}\text{F}$).

31. Value marked at 'b' is _____ ($0^{\circ}\text{C}/32^{\circ}\text{C}$)

32. Value marked at 'c' is _____ ($100^{\circ}\text{C}/212^{\circ}\text{F}$)

33. Value marked at 'd' is _____ ($0^{\circ}\text{C}/32^{\circ}\text{F}$)

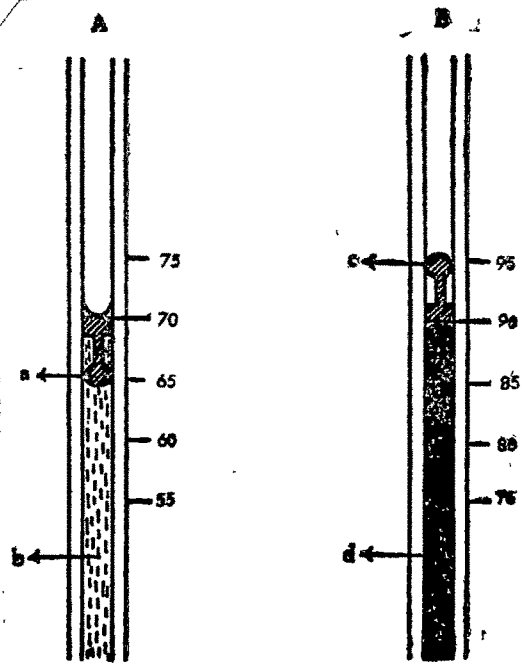
34. The point marked on the upper end is called _____
(U.F.P./L.F.P.)

- 5 -

- (E) In the figure the positions of the steel indices of maximum thermometer and minimum thermometer are shown.

In the figure A the liquid used is alcohol.

Observe the figure carefully and complete the following sentences.



35. The figure 'A' shows the _____ (maximum/minimum) thermometer.
36. In the maximum thermometer the index is _____ (above/below) the level of mercury.
37. Alcohol is used in the _____ (maximum/minimum) thermometer.
38. 90°F indicates the (maximum/minimum) temperature of the day.
39. Minimum temperature of the day is _____ (65°F/70°F).
40. The index moves when mercury _____ (expands/contracts).