Board – ICSE	Class – 9	Topic – SKIN

1. Multiple choice questions:
   (i) Skin pigment that protects us from harmful UV rays.
   (a) Keratin
   (b)Melanin
   (c)Sebum
   (d)Sweat
   (ii) Mammary glands are modification of
   (a) Sebaceous gland
   (b) Salivary gland
   (c) Sweat gland
   (d) Pituitary gland
   (iii) Skin layer which actively divide to produce new cells.
   (a) Malpighian layer
   (b) Cornified layer
   (c) Granular layer
   (d) Dermis layer
   (iv) Heat regulating center is located in:
   (a) Medulla oblongata
   (b) Hypothalamus
   (c) Cerebrum
   (d) Pons
2. Describe all the channels through which body loses heat:
3. Give the difference between following terms:
   (a) Ecothermal and endothermal
   (b) Vasoconstriction and vasodilation
   (c)Hibernation and Aestivation
   (d)Leukoderma and Albinism
4. What are the three-problem associated with sebaceous glands?
5. What is heatstroke and how we can prevent from it.
6. Explain the structure of Nail.
7. Name all the derivatives of skin.

8. What are the various functions performed by skin?
9. Keratin is present in which layer of epidermis
10. What is the function of fat layer beneath the skin?
11. Mark the statement with true and false, and justify the false statement:
    (a) Ceruminous and meibomian glands are modified sweat glands.
    (b) Vasoconstriction takes place in hot weather.
    (c) Hairs also provide a sensation of touch.
    (d) Mammary glands also produce prolactin hormone.
12. What is cold-sweat?
13. Match the items in column I column II

Column I	Column II
(a) Air space	Hair
(b) Mammary glands	Sebaceous glands
(c) Goose flesh	Rudimentary in males
(d) Traces of Urea	Races of hot countries
(e) More numerous sweat pores	Grey hair
(f) Oil secretion	Sweat

14. How human body regulate a constant 37^0C body temperature.
15. What are the functions of sebum, secreted from sebaceous glands.
16. Which muscle is responsible for piloerection.
17. Explain the functions performed by Dermis.
18. Draw diagram of human skin, label it's all parts.
19. What are papillae?
20. Describe the various sources of heat production in our body.