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Part III — HOME SCIENCE

(English Version)

Time Allowed : 3 Hours]

[Maximum Marks : 150

Section A : Answer *all* questions.

Section B : Answer any *fifteen* questions.

Section C : One Question (Q. No. 71 or Q. No. 72) is compulsory and answer any *five* from the remaining questions.

Section D : Answer any *four* questions.

SECTION - A

Note : Answer *all* the questions.

I. Fill in the blanks :

15 × 1 = 15

- is a natural Antiseptic.
- is the most cooling food.
- is the white of the eye.
- Mustard is adulterated with seeds.
- Niacin deficiency causes the disease in humans.
- stage is the reproductive age.

[Turn over

7. is the time of the 'empty nest'.
8. age is the closing period in the life span.
9. PFA was enacted in the year
10. is an important part of man's social environment.
11. are applied on garments to secure the openings.
12. Satin stitch is a stitch.
13. is the most effective teaching method.
14. Panel discussion is also known as
15. are representation of the surface of the earth.

II. Match the following :

10 × 1 =

- | | |
|-----------------|----------------------|
| 16. Kesari dal | a) short sight |
| 17. Mushroom | b) goitre |
| 18. Myopia | c) compulsory saving |
| 19. Thiamin | d) knotted stitch |
| 20. Iodine | e) qualitative data |
| 21. Old age | f) adulterant |
| 22. GPF | g) beri-beri |
| 23. Darning | h) period of decline |
| 24. French knot | i) mending |

III. State whether *True* or *False* :

$6 \times 1 = 6$

26. Sprouting improves the quality of pulses.
27. Turmeric powder is adulterated with chilli powder.
28. Boys tend to mature more rapidly than girls.
29. Petrol is a liquid fuel.
30. Blanket stitch is an outline stitch.
31. Communication is purely one-way.

IV. Choose the correct answer :

$5 \times 1 = 5$

32. The standard width of cotton dress fabric is
 - a) 92 cm
 - b) 72 cm
 - c) 55 cm
 - d) 100 cm.
33. A lack of dietary iodine may cause
 - a) Tetany
 - b) Myopia
 - c) Goitre
 - d) Cirrhosis.
34. Bread is fortified with
 - a) Protein
 - b) Fat
 - c) Thiamin
 - d) Iodine.

35. COPRA was enacted in the year
- a) 1986
 - b) 1994
 - c) 1956
 - d) 1930.
36. The very long fine and flexible needle is called
- a) Crewel
 - b) Chenille
 - c) Beading
 - d) Tapestry.

V. Answer in *one* or *two* words each :

14 × 1

37. Name the chemical substance produced by the endocrine glands.
38. Which is the simple single cell fungi used in food industry ?
39. Which is the largest of the endocrine glands ?
40. What is the shape of the kidney ?
41. What is the causative agent for throat sore ?
42. What is the glomerular filtration rate ?
43. Write any one disease of iron deficiency.
44. Mention any two causes of physical disability.
45. Write any two reasons for fatigue.
46. Name the enzyme present in saliva.

47. What is the size of best shears ?
48. Write any one filling stitch.
49. Name any one hem.
50. Give another word for pie graph.

SECTION - B

VI. Answer any *fifteen* of the following questions not exceeding 30 words each :

15 × 2 = 30

51. Explain the ABC rule.
52. What is astigmatism ?
53. What is cirrhosis ?
54. Write the functions of digestive system.
55. What are the 3A's of happiness ?
56. How is honey adulterated ?
57. Mention the types of fevers.
58. Name any two pressure points.
59. What is meant by menarche ?
60. What are the two hormones secreted by posterior pituitary gland ?
61. What are the three 'A's of happiness during puberty ?
62. What is phantom handicap ?
63. What are the qualities of a good fuel ?

64. Mention the types of income.
65. Define Brand.
66. What is applique ?
67. What is meant by whipping ?
68. List out the types of discussion.
69. Write any two values of Demonstration.
70. Define specimen.

SECTION - C

VII. *Note :* Answer either Q. No. 71 or Q. No. 72 compulsorily and any from the rest not exceeding 100 words each. 6 × 5

71. What should a first-aid box contain ?

OR

72. Give the medicinal value of any 5 foods.

73. What are the main endocrine glands in the body ?

74. Explain the functions of parathyroid gland.

75. Write the factors to be considered in planning therapeutic diets.

76. List out the important characteristics of middle age.

77. Write a short note on the solar cooker.

78. What are the reasons for savings ?

79. What is known as patching ?

SECTION - D

VIII. Note : Answer any *four* questions not exceeding 200 words each.

4 × 10 = 40

80. Explain the various hormones secreted by pituitary gland.
81. Describe the causes, symptoms and treatment of protein energy malnutrition.
82. What are the characteristics of early adulthood ?
83. What are the different types of hems ? Discuss in detail.
84. Discuss about the types of discussion.
85. a) Explain the Engel's law of consumption.
b) A person earns Rs. 2,000 per month and he spends Rs. 750, the balance is saved. Find out the percentage of his monthly savings. Give the percentage he spends for other aspects.
