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

1.   .... is a term used to describe blood disorders.

2.   The .... is the lateral hammer shaped bone.

3.   Thyroid gland produces the hormone ....

4.   Calcium deficiency may lead to ....

5.   Prevention of Food Adulteration Act was passed in the year ....

6.   Problematic age is ....

7.   .... is the closing period in the life span.

8. .... blindness refers to a child born blind.

9. .... is the quality mark for agricultural products.

10. .... is a device that maintains the temperature at 0°C or 32°F.

11. .... stitch is a solid filling stitch.

12. French knot is used like .... stitch.

13. .... being funny, can be used for educational purposes for children and with illiterate population.

14. .... is the process by which messages are transferred from a source to a receiver.

15. .... is the most effective method of teaching.

II. **Match the following :**   10 × 1 = 10

16.	First Aid	a)	period of decline
17.	Tetany	b)	iron filings
18.	Proliferative phase	c)	parathyroxine
19.	Iron	d)	1877
20.	Rava	e)	compulsory savings
21.	Old age	f)	mending
22.	GPF	g)	round table discussion
23.	Darning	h)	impression of petals
24.	Lazy daisy	i)	10 days
25.	Panel discussion	j)	anaemia.

III. State whether *True* or *False* : 6 × 1 = 6

26. Learning first aid is the civic responsibility of each citizen.

27. Vitamin-C deficiency causes the disease beriberi.

28. Boys tend to mature more rapidly than girls.

29. The solar cooker can deliver temperature as high as 450°C.

30. Overhand stitches are similar to overcast stitch.

31. Lecture is not an art.

IV. Choose the correct answer : 5 × 1 = 5

32. The usual width of cotton dress fabric is

    a) 92 cm

    b) 72 cm

    c) 55 cm

    d) 100 cm.

33. pH value of blood is

    a) 7·4

    b) 7·2

    c) 6·5

    d) 7.

34. Complan is an example of

    a) Blended food

    b) Predigested food

    c) Natural liquid food

    d) Balanced food.

35. Social isolation period is

    a) Late Adulthood

    b) Early Adulthood

    c) Old Age

    d) Adulthood.

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 = 14

    37. Name the single cell fungi used in food industry.

    38. What is NaCl ?

    39. Which is the hormone that plays a role in diabetes mellitus ?

    40. Which organ is affected during jaundice ?

    41. Write any two symptoms of food allergy.

    42. What does BIS stand for ?

    43. Name any one Vitamin-D deficiency disease.

    44. Which stage is called as 'age of Manhood' ?

    45. Write any one type of income.

    46. Write any one step in management process.

47. Name any one embroidery stitch.

48. Write any one filling stitch.

49. What is the size of the best shears ?

50. Give another name for pie graph.

SECTION – B

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

$$15 \times 2 = 30$$

51. Explain the ABC rule.

52. Write any two uses of honey.

53. What is cirrhosis ?

54. What is astigmatism ?

55. Write any two functions of hydrochloric acid (HCl).

56. List two symptoms of marasmus.

57. What is angular stomatitis ?

58. Write the advantages of tube feeding.

59. Explain the term Braille.

60. What is 'generation gap' ?

61. Write any four causes of social disadvantages amongst children.

62. What is Phantom handicap ?

63. What is management ?

64. List out the different methods of account keeping.

65. Define brand.

66. What is fastener ?

67. List the types of Hems.

68. Write about any four uses of Bulletin Board.

69. Explain the term 'maps'.

70. Write any four values/uses of Demonstration.

SECTION – C

VII. *Note :* Answer either Q. No. **71** or Q. No. **72** compulsorily and any *five* from the rest not exceeding 100 words each. $6 \times 5 = 30$

71. Write on the types of wounds.

OR

72. What should a first-aid box contain ?

73. Write any five functions of skin.

74. Write about the functions of saliva.

75. Write the deficiency diseases of Vitamin A .

76. What are the causes for blindness ?

77. What are the rights of consumers ?

78. Write about the solar cooker.

79. Write short notes on any two outline stitches.

SECTION – D

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

$$4 \times 10 = 40$$

80. Draw and label the structure of the ear.

81. Explain the symptoms and treatment of protein energy malnutrition.

82. Write about the characteristics of middle age.

83. What are the factors influencing clothing selection ?

84. Explain the different types of discussion.

85. a)   Define Engel's Laws of consumption.   5

     b)   A person earns Rs. 1,000 per month and he spends Rs. 960, the

            balance is saved. Find out the percentage of his monthly saving.   5