

# HIGHER SECONDARY MODEL EXAMINATION

MARCH – 2012

Part III

Max Score : 60

HSE II

HOME SCIENCE

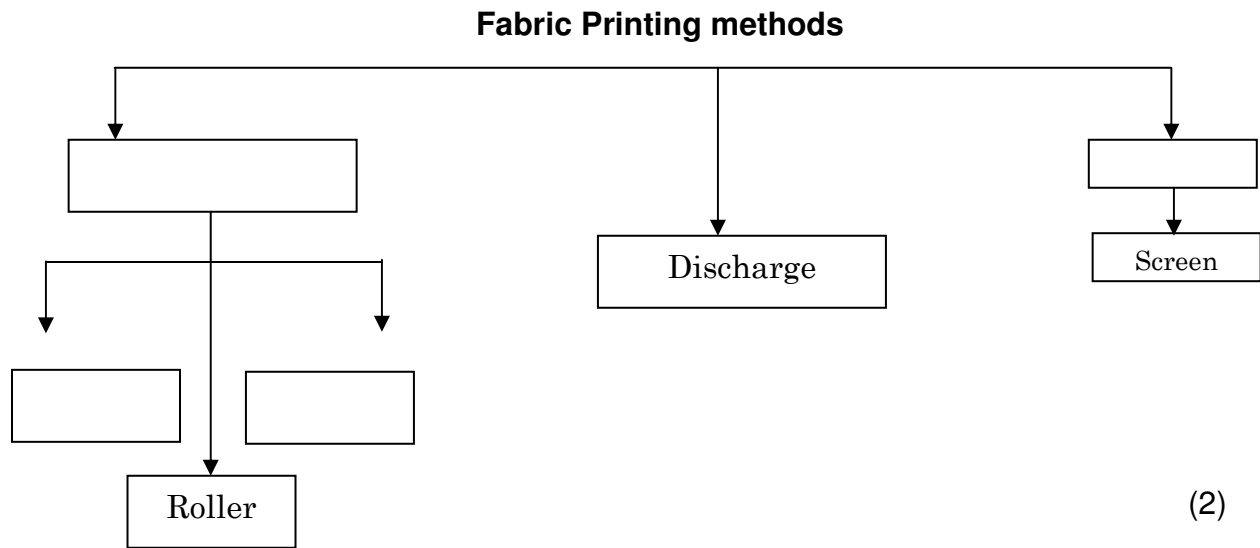
Time : 2 Hrs

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- 1) Fill in the blanks:
- In a Japanese flower arrangement, the stem that represents 'Heaven' is \_\_\_\_\_.
  - Functional design is another name for \_\_\_\_\_.
  - \_\_\_\_\_ refers to the brightness or dullness of a colour.
  - In basic hand stitches, hemming and overcasting are examples of \_\_\_\_\_ stitches. (2)
- 2) Undesirable peer relationship is listed as a cause for delinquency. Do you agree? If so, How? (2)
- 3) Rini is hesitant in breast feeding her 3 month old baby who is feverish. Present any two strong arguments on the advantages of breast feeding over formula feeding to a sick child. (2)
- 4) Explain in brief the problems created by over population under the headings:  
a) Poverty    b) Unemployment    c) Pollution    d) Health hazards (4)
- 5) Metanil yellow is an adulterant commonly used.
- Give the name of any two food items that are adulterated using this
  - How can we detect whether a food item is adulterated with it. (3)
- 6) What does BCG stands for? Write a short note on all that you have studied about BCG. (2)
- 7) Rahul accidentally overturned a cup of tea on his white cotton shirt.
- Suggest any one method of removing the stain.
  - Which category would you classify the stain into? (2)
- 8) Choose the correct answer from the brackets:
- Adaptation of the basic diet to meet the particular needs due to illness is \_\_\_\_\_ (diet therapy, diet modification, dietary recommendation)
  - Lowering the quality of food by adding inferior substance to it is \_\_\_\_\_ (fortification, adulteration, food poisoning) (1)
- 9) Non – vegetarian foods are considered to have high quality protein.
- Does this mean that vegetarian diet is inferior?
  - Name any three excellent sources of protein of vegetarian origin. (1)
- 10) Your friend is ignorant about the menace called 'food adulteration'.
- Enlighten him on any five major problems, other than adulteration, that he is likely to face as consumer.
  - Also help him understand the importance of consumer aids by explaining any two of those that you have studied. (7)
- 11) Riya believes that her three year old will feel very insecure in a pre-school. Write down any three arguments you would present, on the advantages of sending a child to a pre-school, in order to convince Riya. (3)
- 12) **A.Match the following**
- |        |   |                |
|--------|---|----------------|
| a. DPT | – | Polio          |
| b. BCG | – | German Measles |
| c. MMR | – | Tuberculosis   |
| d. OPV | – | Whooping cough |
|        | - | Typhoid        |

B. Give the other names and the causative organisms of the following

- a. Whooping cough                      b. German Measles                      (4)

13. Finishes improve the appearance texture and performance of a fabric. Can you brief on any six common fabric finishes. (6)
14. Riddhi, a pre schooler hates to eat carrot as a dish along rice.  
a. Suggest any two other ways in which it can be presented to her in a more appetising and attractive way.  
b. Discuss any five dietary recommendations you would suggest to her mom to help her improve Riddhi's dietary pattern. (6)
15. What is the standardized mark that is expected on a bottle of packaged water?  
a. Give the names of any two products with the FPO mark?  
b. What is the full form of FPO? (3)
16. Complete the tree diagram



17. State whether True or False & justify your answer.
- a. A person suffering from diarrhoea must be given lots of green leafy vegetables. If so, Why? (3)
- b. A pregnant lady's daily diet should contain three cups of milk or equivalent. If so, Why? (3)
18. The shelf - life period of fruits and vegetables can be improved by preserving them properly. Enumerate any three principles of food preservation by which this is possible. (3)
19. Home Science or Family and Community Science is widely mistaken as 'a course on cooking and stitching'. State any four arguments you would put forward to convince that it is more than just 'cooking and stitching'. (4)