

MODULAR EMPLOYABLE SKILLS (MES)

under Skill Development Initiative Scheme (SDIS)
Directorate General of Employment & Training, Ministry of Labour & Employment, Government of India



Assessment conducted by – INDIA SKILLS PVT. LTD., NEW DELHI

Fashion Designing Batik Printing Specialist

Theory – Maximum marks (50)

Duration – 30 minutes

Marks Scored -

Set No.-FAD705E_4

NAME:

FATHER'S NAME:

DATE:

CENTRE:

Section – A

Each question below carries two (2) marks

1. The amount of Glauber's salt required for 250 grams of silk fabric to be dyed with 2 percent shade is:
 - a. 50 grams
 - b. 25 grams
 - c. 22.5 grams
 - d. 37.5 grams
2. The amount of acid dye required for 500 grams of silk fabric to be dyed with 1 percent shade is:
 - a. 10 grams
 - b. 5 grams
 - c. 12.5 grams
 - d. 7.5 grams
3. The amount of water required for 1000 grams of silk fabric to be dyed with 2 percent shade at 1 : 30 ratio is :
 - a. 20 litres
 - b. 15 liters
 - c. 22.5 liters
 - d. 30 liters
4. The quantity of acetic acid required for 750 grams of silk fabric to be dyed with 1 percent shade is :
 - a. 37.5 ml
 - b. 15 ml

- c. c. 22.5 ml
- d. d. 47.4 ml

5. Which of the following is used to prepare the wax mixture?

- a. Hydroxide
- b. Paraffin wax
- c. Sand
- d. Salt

6. The amount of common salt required for 250 grams of cotton fabric to be dyed with 2% shade is:

- a. 60 grams
- b. 15 grams
- c. 22.5 grams
- d. 37.5 grams

7. The amount of soda ash required for 500 grams of cotton fabric to be dyed with 1% shade is:

- a. 10 grams
- b. 5 grams
- c. 12.5 grams
- d. 7.5 grams

8. The amount of water required for 100 grams of cotton fabric to be dyed with 2% shade at 1:20 ratio is:

- a. 20 litres
- b. 15 litres
- c. 22.5 litres
- d. 10 litres

9. The quantity of direct dye required for 750 grams of cotton fabric to be dyed with 1% shade is:

- a. 10 grams
- b. 15 grams
- c. 12.5 grams
- d. 7.5 grams

10. What should be the temperature of the dye in batik application?

- a. Room temperature
- b. 100 °C
- c. 200 °C
- d. 300 °C

Section – B

Each question below carries two (2) marks

Answer the following questions

11. What are the properties of fabrics contributed by the strength of the fiber?

Ans:

12. What are the methods of identifying of textile fibers?

Ans:

13. What is the name of the metal stamps used for stamping wax designs on fabric/

Ans:

14. What types of dyes were used traditionally to dye the fabric?

Ans:

15. What was used to fix the colours after dyeing?

Ans:

16. What should be the pH maintained while dyeing?

Ans:

17. How is the wax traces removed from the dyed fabric?

Ans:

18. What is the ratio between the water taken for dyeing and the weight of the silk fabric?

Ans:

19. For how long should the silk fabric be kept in the dye bath?

Ans:

20. What is the length of the bamboo handle in canting?

Ans:

21. Which wax when used gives a definite cracked effect?

Ans:

22. Which wax holds onto the fabric?

Ans:

23. How many dye baths are needed for dyeing fabric in two colors?

Ans:

24. What happens if we add boiling water to dye during dissolution of direct dye?

Ans:

25. How many times should the wax be applied to get two colors

Ans:

(Signature of the Assessor)

(Signature of the Candidate)

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Assessment conducted by – INDIA SKILLS PVT. LTD., NEW DELHI

FASHION DESIGNING	
Batik Printing Specialist	
Practical – Maximum 150 marks	Duration – 2.5 hrs
Marks Scored -	Set No.- Set No. FAD705E_4

NAME:

FATHER'S NAME:

DATE:

CENTRE:

Each question 50 marks

1. Demonstrate the Fabric test?
2. Remove the stain of ink?
3. Remove the stain of fruit juice?

Marking System:

Domain Tested	Manipulative Skills to Handle Tools & Equipments	Speed in doing work	Accuracy maintained	Quality in workmanship	Sequence of Performance	Economical use of materials	Ability to follow Manuals/Written Instructions	Neatness & House keeping
Weightage	10	10	10	10	10	10	10	5
Marks Scored								

Note for Assessors: Each candidate may be tested on one or two questions randomly and the question has to be ticked on the question paper for which the candidate has been tested and accordingly marks are to be mentioned in the above rubric given.

(Signature of the Assessor)

(Signature of the Candidate)

Answer key

1. b

2. b

3. d

4. a

5. b

6. d

7. b

8. a

9. d

10. a

11. Durability, tear strength, sagging and pilling

12. Microscopy, burning test and solubility test.

13. Tjaps

14. Vegetable dyes

15. Fixative (mordant)

16. 5.5-6.5

17. Using hot iron

18. 1:30

19. 45-60 minutes

20. 11 cms

21. Paraffin wax

22. Bees wax

23. Two

24. Dye forms lumps

25. Two