

UG-139

CCE

**U.G. DEGREE EXAMINATION —
JUNE, 2018.**

Second Year

Functional Tamil

ENVIRONMENTAL STUDIES

Time : 3 hours

Maximum marks : 75

PART A — (3 × 5 = 15 marks)

Answer any THREE questions.

Each answer should not exceed 2 pages.

1. **What is meant by environmental studies? Why is it important?**

சுற்றுச்சூழல் ஆய்வுகள் என்றால் என்ன? அதன் முக்கியத்துவம் என்ன?

2. **What are ecological pyramids?**

சூழியல் பிரமிடுகள் என்றால் என்ன?

3. **Explain the term 'disaster management'.**

'பேரிடர் மேலாண்மை' - விளக்கவும்.

4. What are the causes of air pollution?

காற்று மாசுபாட்டின் காரணங்கள் என்ன?

5. Briefly write about rain water harvesting.

மழைநீர் அறுவடை பற்றி சுருக்கமாக எழுது.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

Each answer should not exceed 5 pages.

6. How to create awareness about environmental protection?

சுற்றுச்சூழல் விழிப்புணர்வு எப்படி உருவாக்க வேண்டும்?

7. Give an account on Mineral resources.

கனிம வளங்கள் - விளக்கவும்.

8. Write the functional aspects of ecosystem.

சுற்றுச்சூழலின் செயல்பாட்டு அம்சங்களை விளக்கவும்.

9. Write the importance of biodiversity.

பல்லுயிரியலின் முக்கியத்துவத்தை விளக்கவும்.

10. What is nuclear hazard? Explain.

அணுசக்தி ஆபத்து என்றால் என்ன? விளக்கவும்.

11. Write an account on environment protection laws.

சுற்றுச்சூழல் பாதுகாப்பு சட்டங்களை விளக்கவும்.

12. Give an account on Value Education in Environment.

சுற்றுச்சூழல் கல்வி - விளக்கவும்.

UG-315 **ADAFD-1/
BAFD-5/BSAD-4**

**B.Sc. DEGREE/ ADVANCE DIPLOMA
EXAMINATION — JUNE, 2018.**

Second Year

Apparel and Fashion Design

**EMBROIDERY AND SURFACE
ORNAMENTATION**

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. How will you select the fabric for embroidery?
2. Differentiate between the hand and machine embroidery.
3. How will you transfer the embroidery designs?
4. What do you mean by shaded embroidery?
5. List down the characters of embroidery thread.
6. State the importance of colour in embroidery.

7. Write a short note on Lace work.
8. List out various surface design techniques.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Discuss the factors to be considered in selection of frames and backing materials for Embroidery.
10. Explain the types of attachments to sewing machines for embroidery.
11. Describe any one computerized embroidery machine.
12. With neat sketch write about cut work.
13. Describe the method of constructing the different types of Appliqué.
14. Discuss in detail about care and maintenance of embroidery articles.
15. Explain about floral design and its enlargement.
16. Elaborate the usage of needle and its various types used in embroidery.

UG-316 **ADAFD-2/
BAFD-6/BSAD-5**

**B.Sc. DEGREE /ADVANCED DIPLOMA
EXAMINATION — JUNE 2018.**

Second Year

Apparel and Fashion Design

SEWING TECHNOLOGY

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. List out the various parts of a single needle machine.
2. State the importance of button hole making machine.
3. What is the use of bobbin cases? and its function.
4. Classify the threading types.
5. Write the detail of cutting machine.
6. What is marker?

7. Differentiate : Lock stitch and over lock stitch
8. Write a note on fabric inspection machine.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Explain the working mechanism of blind stitching machine with a neat sketch.
10. Summarize the common problems and their remedies of sewing machine
11. Explain the various stitching auxiliaries with neat sketch
12. Summarize the various pressing equipments used in apparel industry
13. How will you assess the performance of sewing thread?
14. Define : Facing and binding, describe it's types.
15. Explain in detail about various special attachment of a sewing machine
16. Discuss in about lay planning.

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**ADAFD-3/
BSAD-6/
BAFD-7**

**B.Sc. DEGREE/ADVANCED DIPLOMA
EXAMINATION — JUNE, 2018.**

Second Year

Apparel and Fashion Design

FASHION DESIGNING

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Define: Design, and write its types.
2. What are the uses of line in fashion designing?
3. Write down the aspects of Fashion drawing.
4. List out the various drawing tools.
5. How will you draw the head?
6. Briefly explain the Prang color theory.
7. What is trimming? Write down its types.
8. Give the suggestion to be done in fashion for a stout figure's dress?

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Explain about Eight head theory.
 10. Describe the application of principle of design in dresses.
 11. Discuss the methods of determining an individual's proportions.
 12. How will you draw a front view lay figure? Explain in details.
 13. Describe the various dimensions of color.
 14. Summarize the design principles applies to colour in dress design.
 15. Explain a wardrobe plan for young girl.
 16. Discuss in detail about factors affecting the wardrobe plans.
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**BSAD-7/
BAFD-8/
ADAFD-4**

**B.Sc. DEGREE/ ADVANCED DIPLOMA
EXAMINATION — JUNE, 2018.**

Second Year

Apparel and Fashion Design

TEXTILE PROCESSING

Time : 3 hours

Maximum marks : 75

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. State the different methods of desizing for cotton fabric.
2. List out the typical sequence of silk fabric processing stages.
3. What is called as universal bleaching agent? Why it is called so?
4. Differentiate: Hydrogen peroxide and Hypochlorite bleaching.
5. How will you measure the absorbency of scoured fabric?
6. State the fastness properties of dyes.

7. What are the garments dyeing machines used today?
8. Briefly discuss the styles of printing.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Explain about silk degumming and weighting process.
10. With the help of neat sketches explain the mercerization process.
11. Draw the J-box machine, and list out its technical parameters.
12. Write a detailed bleaching technique for cotton/viscose blended fabric.
13. Explain working of HTHP beam dyeing machine.
14. Discuss in detail the fixation process of printed goods.
15. Explain about calendering of knitted fabric.
16. Explain about Zero-Zero treatment of knitted fabric.