

**DETAILED SYLLABUS FOR THE POST OF
JUNIOR INSTRUCTOR (COMPUTER AIDED
EMBROIDERY AND DESIGNING) IN
INDUSTRIAL TRAINING DEPARTMENT**

CATEGORY NO.580/2024

TOTAL - 100 MARK

MODULE - 1

BASIC OF COMPUTERIZED EMBROIDERY (5 MARK)

Trade related tools and its importance

MODULE - 2

**BASIC HAND, MACHINE STITCHES AND
COLOUR SCHEME (10 MARK)**

Temporary Stitches, Permanent stitches by hand,
Type of stitches in software, different stitches of
machine, colour wheel and color scheme.

MODULE - 3

**BASIC KNOWLEDGE OF COMPUTER AND
COREL DRAW (10 MARK)**

Introduction to computer parts & Function of
computer, types of printer, Cpu and hardware,
Software used in computer, Introduction to Corel
draw, tools and uses, command used in corel
draw.

MODULE - 4

(5 MARK)

EMBROIDERY NEEDLE AND THREAD

Types of Needle and their uses, Selection of needle types of Types of Embroidery threads

MODULE - 5

FABRIC

(10 MARK)

Types of fabric, Handling different types of fabric.

MODULE - 6

COMPUTERIZED MACHINE OPERATIONS, MACHINE MAINTENANCE, SOFTWARE AND MACHINE KEYS (15 MARK)

Parts of Embroidery machine, Process of Computerized embroidery, Maintenance of machine and safe operating principles. Types of embroidery and digitizing software, software and it's need, knowledge about Stabilizers and their uses need of stabilizing fabric.

MODULE - 7

PROCESSING WITH DIGITIZING SOFTWARE (15 MARK)

Use and importance of scanner with digitizing software, Making designs on software, information of design on LCD.

MODULE - 8

SETTING OF DESIGN (10 MARK)

Knowledge of machine and setting of design of different articles

MODULE - 9

KNOWLEDGE OF MONOGRAM AND LOGO (10 MARK)

Introduction to Monogram and uses of monogram,
Introduction to logo uses of logo

MODULE - 10 (10 MARK)

ADVANCED TECHNIQUES IN MACHINE EMBROIDERY

About special attachment, special attachment and change in guides.

NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper
