

**MAHARASHTRA STATE BOARD OF VOCATIONAL EDUCATION EXAMINATION, MUMBAI-51**

01	Name of syllabus	<b>C.C. in Handmade Chappal and Sandal making (407117)</b> (w.e.f. 2018-19)							
02	Max. Nos of student	25 Students							
03	Duration	6 Month							
04	Type	Part Time							
05	Nos of Days / Week	6 Days							
06	Nos of Hours / Days	7 Hrs							
07	Space Required	Practical Lab = 1000 Sq feet							
		Class Room = 200 Sq feet							
		Total = 1200 Sq feet							
08	Entry Qualification	VII Passed							
09	Objective of syllabus / introduction	After completing the course the persons will be able to make various open foot wear							
10	Employment opportunity	Can get employment in footwear manufacturing establishment.							
11	Teacher Qualification	Diploma/Certificate in concern subject							
12	Training system	Training system per Week							
		Theory		Practical		Total			
		6 Hours		18 Hours		24 Hours			
13	Exam. System	Sr. No.	Paper Code	Name of Subject	TH/PR	Hours	Max. Marks	Min. Marks.	
		01	40711711	Open footwear construction	TH-1	3hrs	100	35	
		02	40711721	Open footwear construction	PR-1	3hrs	100	50	
		03	40711722	Chappal and sandal Maker	PR-II	6hrs	200	100	
				Total			400	185	

## Open footwear construction

Theory - I	Practical - I
Footwear Hand tools Shoe hand tools Maintenance clicking tools finishing tools	Identify various hand tools. Care and maintenance of hand tools
Upper preparation Clicking Identification marking A) Machine marking B) Stitch marking C) Skiving marking	
Skiving Types of skiving: Raw edge ,Lapped, folded ,lasting, corner Machine skiving : single, triple ,matrix skiving Features of skiving machine : knife shaft, feed roll, grinding device splitting	Hand practice of skiving ; Types of skiving: Raw edge ,Lapped, folded ,lasting, corner Machine practice of skiving : single, triple ,matrix skiving practice of splitting
Edge treatments Raw edge, Burnishing, edging, folding, binding , French binding , English /flat binding , slip beading, bagged edge Re- enforcement operations	practice of Edge treatments Raw edge, Burnishing, edging, folding, binding , French binding , English /flat binding , slip beading, bagged edge Re- enforcement operations
Stitching operation Sewing machines : general shape of the head type of the stitch formation : lock, chain stitch Various types of seams : closed , open , silked, lapped , butted , welted ,piped, moccasin seam Decorative stitches : Fancy cable , glove , top line stitching, Veeing or Boxing , Barring Eyeleting	practice of Sewing machines practice of Various types of seams : closed , open , silked, lapped , butted , welted ,piped, moccasin seam Decorative stitches : Fancy cable , glove , top line stitching, Veeing or Boxing , Barring
Sewing machine needles and Threads Basic construction features types of point : Round, Wedge , Twist , Cross point properties of thread Types of threads Thread sizes	
Bottom preparation types of insole for open footwear Preparation of insole Lasting method of open footwear preparation of sole sole attaching & edge finishing finishing of upper ,bottom	Preparation of insole , types of insole

## Chappal and sandal Maker

<b>Practical - II</b>
Preparation the cut edge and turn edge upper pattern of chappal and sandal
Preparation the cut edge and turn edge upper of chappal and sandal
Preparation of insole and sole pattern, Preparation types of insole
Types of construction : parties of slotted sandal, stitch down ,
preparation of sole ; P.V.C. ,P.U. Sole attaching, Leather sole attaching , rubber sole
Edge finishing of leather sole,
Finishing of cappel, sandal and packing

### List of tools and Equipment

Name of the Tools
Scissors
Knives ramps
Pinchers
Compasses
Measuring tapes
Shoe Hammers
Stone slabs ( Marbles/ cuddappa )
Shoe measuring tapes
Wooden block
Last ( wooden, P.V.C. etc)
Nail puller
Iron lasts three lags
Sole decorating wheels
Half noon knife
Punches of sizes & designs
Glass plate (3MM-5MM )
Adhesives containers
Oil stone
Spring divider
polishing brushes
Awls sole stitching

### List of machines

Name of machine	Quantity
Flat bed single needle machine ( with roller feed )	05
Post bed single needle machine ( with roller feed )	05
Flat bed double needle machine	05
post bed double needle machine	05
Cylinder arm binding machine	05
Zig – zag machine	03
Single step skiving machine	02
Splitting machine	01
Strap cutting machine	01
Swing Clicking machine	01
Set of clicking dies	03

### Reference Books :

no	Particular	Author
01	Manual of shoe making	Clarks
02	Product knowledge	Swayam siddha
03	The skill of insole manufacture	Swayam siddha
04	Comprehensive footwear technology	Somenath Ganguly