

**THE NATIONAL COUNCIL FOR TECHNICAL AND VOCATIONAL  
EDUCATION AND TRAINING**



***MANUALS FOR ESTABLISHING A VET CENTRE  
FOR  
COSMETOLOGY SECTOR***

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## LIST OF ABBREVIATIONS

<b>CBET</b>	-	Competence Based Education and Training
<b>FTC</b>	-	Full Technician Certificate
<b>TT</b>	-	Trade Test
<b>VET</b>	-	Vocational Education and Training
<b>NACTVET</b>	-	National Council for Technical and Vocational Education and Training
<b>VTC</b>	-	Vocational Training Centre
<b>VTTC</b>	-	Vocational Teachers Training College

## **PREAMBLE**

Vocational Education and Training in Tanzania is governed by the National Council for Technical and Vocational Education and Training, established under the National Council for Technical and Vocational Education and Training Act, Cap. 129. This act empowers NACTVET to oversee and coordinate the provision of technical and vocational education in non-university institutions across the country. This manual therefore, gives guiding parameters so as to meet the minimum required standards set by the NACTVET Governing Council having in mind that one of its major roles is to ensure that vocational education and training provision satisfies the demands of the labour market with employees who have the required knowledge, skills and attitudes in order to improve production and productivity of our economy. When preparing the manual the following key areas were considered as essential for establishing Vocational Training Centres.

- A clearly defined organisation structure showing all the key positions for the efficient and effective operation of the Centre.
- NACTVET has set the standard required qualifications and competences which must be met by Vocational Teachers. The vocational teachers will be licensed and categorised by NACTVET according to their qualifications and experiences.
- This manual also provides criteria for a standard Vocational Training Centre (VTC) which will allow them to be registered and categorised accordingly. If the standards are not met, then the VTC will not be registered and Training Programmes will not be allowed.
- For the purpose of proper financial control of Centre funds, each VTC must keep proper records of all financial transactions showing the incomes and expenditures of the centre.
- Standard floor area requirements for workshops, classrooms, hostels, dining hall, offices, stores, library, toilets, playing fields etc, must be maintained. External and internal environment must also be conducive for training.
- Basic machines, equipment, tools and furniture must be provided to workshops and classrooms. Inventories must be well kept and updated. The items mentioned above must appear by proper name and specification in the inventory. Architectural drawings for all buildings, drawings for electrical wiring and drainage systems must be well kept by the Principal of the Centre.

NACTVET being vested with the role of overseeing and regulating the provision of Vocational Education and Training of other Providers will strictly observe these guidelines during the process of registration and categorisation of Vocational Training Centres.

Finally, it is believed that a VTC operating under these guidelines will produce the right outputs for the labour market, thereby increasing the productivity of our economy. It is also hoped that this manual will not remain static but is subject to updating when the conditions require so.

## **PART ONE**

### **1. INTRODUCTION**

The kind of VET system that is needed to spearhead socio-economic development in Tanzania will demonstrate itself in the kind of VTCs it will establish. There will be a close relationship between quality VTCs and products (trainees and services) it will produce. Countries with properly established VET centres are invariably placed to produce quality products.

This manual is intended to provide necessary information regarding requirements for the establishment of VTCs. In this manual quality parameters are defined. This will help to maintain consistency in training delivery.

Quality parameters are defined basing on three major areas which seek to address implementation of the Competence Based Education and Training (CBET) concept. These key areas are quality and sufficiency of tools and equipment, governance of the centre and infrastructure.

Vocational education and training is offered in 12 sectors which cover National vocational Award 1-3. The sectors include Civil and Building Engineering, Commercial and Business Support, Hospitality and Tourism, Automotive, Agriculture and Food Processing, Mining, Clothing and Textile Technology, Cosmetology, Transport, Mechanical and Printing. However, this manual focuses on the Agriculture and Food Processing occupations.

To ensure that each registered centre offers training according to its capacity. Registration of VET centres will be done according to the following categories:

## 1.1. Categorization of VTCs.

A Centre will be registered under any of the categories listed in Table R1.

**Table R1: Criteria for Categorization of VTCs**

CATEGORIZATION	CRITERIA	CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
<b>1. Occupation.</b>	1.1. Number of occupations.	Minimum eight (8) occupations for multi-sectoral Centres or four (4) for sector specific Centres.	Minimum five (5) occupations for multi-sectoral Centres or two (2) for sector specific Centres.	Minimum one (1) occupation.	Minimum one (1) occupation.
	1.2. Qualifications levels.	Minimum of four (4) occupations offered above level II.	Minimum of two (2) occupations offered above level II.	Minimum of one (1) occupation offered up to level II.	Minimum of one (1) occupation up to level I.
<b>2. Staff Qualifications</b> <b>1.1 Principal</b>	1.1.1 Academic qualifications	Minimum Form VI or equivalent.	Minimum Form VI or equivalent.	Minimum Form VI or equivalent.	Minimum Form IV or equivalent.
	1.1.2 Professional qualifications.	1 <sup>st</sup> Degree in technical/vocational education or equivalent for VTCs with training up to level IV and Master above level IV.	1 <sup>st</sup> Degree in technical/vocational education or equivalent for VTCs with training up to level IV and Master above level IV.	1 <sup>st</sup> Degree in technical/vocational education or equivalent for VTCs with training up to level IV and Master above level IV.	Certificate in technical education or equivalent
	1.1.3 Work Experience in relevant field.	Minimum three (3) years.	Minimum three (3) years.	Minimum three (3) years.	Minimum five (5) years.
<b>1.2 Vocational teacher</b>	1.2.1 Academic qualifications.	Minimum Form IV.	Minimum Form IV.	Minimum Form IV.	NA
	1.2.2 Professional qualifications.	Minimum one level above the level taught in a relevant occupation or field. TEACHER MINIMUM LEVEL III.	Minimum one level above the level taught in a relevant occupation or field. TEACHER MINIMUM LEVEL III.	Minimum one level above the level taught in a relevant occupation or field. TEACHER MINIMUM LEVEL III.	National vocational certificate of competence or equivalent
	1.2.3 Teaching qualifications.	Minimum Teacher Certificate in education.	Minimum Teacher Certificate in education.	Minimum Teacher Certificate in education.	Minimum Instructional Methods Certificate (IMC).
	1.2.4 Work Experience in relevant field.	Minimum three (3) years.	Minimum three (3) years.	Minimum three (3) years.	Minimum five (5) years in relevant field.
<b>1.3 Training Coordinator/ Registrar</b>	1.3.1 Academic qualifications.	Minimum Form IV.	Minimum Form IV.	Minimum Form IV.	NA
	1.3.2 Professional qualifications.	Minimum Ordinary Diploma in technical field or equivalent for VTCs with training up to level IV and 1 <sup>st</sup> Degree above level IV.	Minimum Ordinary Diploma in technical field or equivalent for VTCs with training up to level IV and 1 <sup>st</sup> Degree above level IV.	Minimum Ordinary Diploma in technical field or equivalent for VTCs with training up to level IV and 1 <sup>st</sup> Degree above level IV.	NA
	1.3.3 Work Experience in training	Minimum three (3) years.	Minimum three (3) years.	Minimum three (3) years.	NA
<b>1.4 Accountant</b>	2.4.1. Academic qualifications.	Minimum Form VI.	Minimum Form IV.	Minimum Form IV.	NA
	2.4.2. Professional qualifications	Minimum Diploma or equivalent in relevant field	Minimum Diploma or equivalent in relevant field	Certificate equivalent in relevant field	NA
	2.4.3. Work Experience in relevant field	Minimum three (3) years.	Minimum three (3) years.	Minimum three (3) years.	NA

CATEGORIZATI ON	CRITERIA	CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
<b>2. Centre Capacity.</b>	2.1 Teacher trainee's ratio per class.	1:20	1:20	1:20	1:5
	2.2 Infrastructure.	As per Manual for establishing VET Centres.	As per Manual for establishing VET Centres.	As per Manual for establishing VET Centres.	Enough for five (5) trainees as per programme requirements
	2.3 Tools and equipment.	As per Manual for establishing VET Centres.	As per Manual for establishing VET Centres.	As per Manual for establishing VET Centres.	Enough for five (5) trainees as per programme requirements

We hope that the guidelines will be useful not only to those who would like to establish a VTC for specific occupations but also to providers who wish to improve their existing VTCs for the purpose of registration.

The manual is divided into five main parts, namely: centre governance, staffing, centre financial management, infrastructure, tools and equipment.



## **PART TWO**

### **2. VOCATIONAL TRAINING CENTRE GOVERNANCE**

Good governance is an important aspect in establishing a VET centre. It ensures accountability, participation, transparency, equity and rule of law in operation of the VET centre. This will also play part in making the centre sustainable. Involvement of stakeholders in governing the centre is imperative. It is therefore mandatory for a VET centre with categories A - C to have an Advisory Board/Board of Trustees.

The composition of the Board will have the following representation:

- i. Centre owner;
- ii. Parents;
- iii. Employers;
- iv. Government at District /division level;
- v. Centre employees; and
- vi. Principal-Secretary to the Board.

## **PART THREE**

### **3. STAFFING**

Staffing of a Centre will consist of the following personnel:

#### **(a) Principal**

The Principal is the Chief Executive of the centre. He/she will develop strategies and policy matters that included soliciting donor fund, centre and VET promotion, sensitize stakeholders with view to meet the centre goals and plan. For the centre with categories A-C, he/she will be the secretary to the Centre Advisory Board/Centre Board of Trustees.

Under these categories the Principal will be assisted by the following titles- Training Coordinator, Centre Administrator, Accountant, Entrepreneurship and Short course coordinator.

#### **Minimum Qualifications of a Centre Principal:**

##### **For category A, B and C VET centres**

- i. Degree in Technical / Vocational Education or equivalent.
- ii. Three (3) years work experience in the relevant field.

##### **For category D VET centres**

- i. Certificate in Technical / Vocational Education or equivalent.
- ii. Five (5) years work experience in the relevant field.

#### **(b) Training Coordinator**

The functions of a training coordinator in a VTC will be those activities related to training which include trainees' enrolment, coordination of trainees' assessment, monitoring training, discipline, guidance and counselling, Trainees' welfare in general and preserving centre

environment. The coordinator will be supported by Head of departments, warden/matron and head cook.

**Minimum Qualifications of a Training Coordinator**

- i. Ordinary Diploma or equivalent in any technical education field;
- ii. Certificate in teaching;
- iii. Three (3) years experience in training.

**(c) Human Resource Officer**

The Human Resource Officer will provide support for day to day administrative activities which include; staff welfare, staff development, security matters and stores.

**Minimum Qualifications of a Human Resource Officer**

- i. Certificate in Human Resources Management;
- ii. Three (3) years experience in relevant field.

**(d) Accountant**

The Accountant will keep all financial and accounts records of the centre.

**Minimum Qualifications of the Accountant**

- i. Diploma in accountancy;
- ii. Three (3) years experience in relevant field.

**(e) Secretary**

The secretary will be a personal assistant to the Principal and will perform all duties related to secretarial responsibilities.

**Minimum Qualifications of the Secretary**

- i. Form IV education;
- ii. Stage III certificate.

**(f) Teaching staff**

Vocational teachers have the central role of making the training relevant. Vocational teachers are the first-line practitioners of vocational training. A befitting vocational teacher to carryout vocational training within the Tanzanian VET system will have the following attributes:

- i. Critically alert;
- ii. Imaginative, innovative, proactive, creative;
- iii. A cultivated person with the courage and ability to face and solve problems;
- iv. Active in the pursuit of truth and goodness within the overall accepted aspirations of a nation at large; and
- v. Willingness to learn.

To ensure efficiency and effectiveness in training delivery, the maximum vocational teacher – trainee’s ratio will be 1:20.

**Minimum Qualifications of a Vocational Teacher**

Vocational teachers shall be licensed and categorised according to their qualifications and the level (s) in which they are allowed to teach. The required qualifications for vocational teachers are as described hereunder:

**Vocational teachers for level I-III shall have the following qualifications:**

- i. Holders of FTC, Diploma or other equivalent qualifications in the relevant field;
- ii. Teaching certificate obtained from VTTC or any other recognised institution; and
- iii. At least three (3) years of post training relevant practical work experience in his/her field of specialisation.

**Vocational teachers for level I-II shall have the following qualifications:-**

- i. Form IV secondary certificate;
- ii. Vocational Certificate of Competence or equivalent;
- iii. Teaching certificate obtained from VTTC or any other recognised institution; and
- iv. At least five (5) years of post training relevant work experience in his/her field of specialization.

**Competences of a vocational teacher**

A Vocational Teacher must possess the following competences:

- i. Able to interpret occupational training standards into learning process;
- ii. Evaluate training process and outcomes;
- iii. Compare training offered and the demand from the labour market;
- iv. Prepare report on training implementation in his/ her own workshop;
- v. Prepare maintenance schedule for training tools and equipment;
- vi. Counsel and guide trainees in the workshop; and
- vii. Ability to maintain a conducive environment for learning.

**NB : Permanent teachers should be two thirds ( $\frac{2}{3}$ ) of all teachers in the centre.**

## **PART FOUR**

### **4. CENTRE FINANCIAL MANAGEMENT**

Proper management of centre finances is very important. It is therefore advised for anyone who aspires to establish a VET centre at categories A-C has to ensure that proper systems for managing finances are in place. These will ensure stability and sustainability of a VTC in a long run.

The following are important pre requisites:

- a) Bank account;
- b) Qualified staff;
- c) Reliable sources of funds; and
- d) Management of Cash Flow

## **PART FIVE**

### **5. INFRASTRUCTURE**

Infrastructure of a VTC with categories A-C include, among other things, workshops, classrooms, trainees hostel, conference hall, storage facilities, staff houses, and external environment. All building infrastructure should be able to accommodate people with special needs.

For the VTC with category D should have proper premises to facilitate practical and theoretical training. It should have some storage facilities and provision facilities for hygiene.

In deriving the size of the area suitable for training, the following factors have been taken into account:

- i. The number of trainees in one workshop;
- ii. Type of equipment;
- iii. Air circulation in a room; and
- iv. Movement of users within a room and around the building for various activities.

The provided schematic drawings demonstrate how a workshop or a training space should look like. It is not obligatory to use the same design but one should adhere to specifications provided in the Table 1. Users are strongly advised to seek for technical expertise from professionals who will help them translate information contained in this work into proper architectural and engineering drawings required for erection of buildings.

In this respect, construction of centres should consider standards as elaborated in the Table 1.

**TABLE 1: INFRASTRUCTURE SPECIFICATIONS**

<b>S/N</b>	<b>ITEM/DESCRIPTION</b>	<b>NORM/SPECIFICATIONS</b>
1.	Vocational teacher– Trainee Ratio.	1:16 -20 (Capacity for a single class/workshop is between 16 to 20 trainees).
2.	Area per trainee. <ul style="list-style-type: none"> <li>Workshops (without offices).</li> <li>Classrooms (without offices).</li> <li>Conference Hall (without offices).</li> <li>Dining Hall (without kitchen).</li> <li>Library.</li> <li>Kitchen facility.</li> </ul>	<ul style="list-style-type: none"> <li>5 -14sqm per Trainee (workshop with light equipment like tailoring, computer applications – 5sqm/trainee; those with large equipment e.g. machinery fitter, etc. 12 – 14sqm/trainee can be used).</li> <li>2.5 – 3 sq m per trainee.</li> <li>1.5 – 2.5 sq m per trainee.</li> <li>1.5 – 2.5 sq m per trainee.</li> <li>2.5 – 3.5 sq m per trainee.</li> <li>0.2 – 0.3 sq m per trainee.</li> </ul>
3.	Areas for other general facilities. <ul style="list-style-type: none"> <li>Administration Block.</li> <li>Office (for a teacher, officer etc).</li> <li>Office for Head of section/department</li> </ul>	<ul style="list-style-type: none"> <li>200 – 250 sq m.</li> <li>10 – 16 sq m.</li> <li>16 – 25 sq m.</li> </ul>
4.	Toilets and change rooms. <ul style="list-style-type: none"> <li>Number of persons per toilet Unit.</li> <li>Minimum unit area.</li> <li>Change rooms.</li> </ul>	<ul style="list-style-type: none"> <li>4 - 5 persons per toilet unit (staff).</li> <li>8 -10 trainees per toilet unit (trainees).</li> <li>1.5 – 2 sq m.</li> <li>1 – 1.5 sq m per trainee (it is advised that each workshop should have a change room, which must be gender sensitive. Provision of washing basin and showers in a change room will depend on the type of occupation).</li> </ul>
5.	Storage facilities. <ul style="list-style-type: none"> <li>General store.</li> <li>Office store.</li> <li>Workshop store.</li> </ul>	<ul style="list-style-type: none"> <li>12 - 30 sq m.</li> <li>2 – 6 sq m.</li> <li>10 – 30 sq m (the shape of which has to depend on the type and nature of materials to be stored).</li> </ul>
6.	Trainees Hostel. <ul style="list-style-type: none"> <li>4 trainees per room.</li> </ul>	<ul style="list-style-type: none"> <li>16-24 sq m per room with height 3.0m</li> <li>Provide study room for at least 20 trainees.</li> </ul>
7.	Staff house.	100 – 200 sq m per single family house.



<b>S/N</b>	<b>ITEM/DESCRIPTION</b>	<b>NORM/SPECIFICATIONS</b>
8.	Location.	Suitable location of the training facilities required; workshop with heavy duty equipment preferably to be located on the ground floor. Location should consider other surrounding activities.
9.	Floors.	Strong floors capable of withstanding operations of a particular occupation
10.	Structure condition.	The structure and materials to be used should be durable, sound, safe, strong, Impurities free, attractive and available at local market.
11.	Internal environment.	<ul style="list-style-type: none"> <li>• Should be smoke/dust free; well ventilated/air conditioned; enough natural and artificial lighting; appropriate colours in walls and ceiling necessary furniture and fixtures should be available.</li> <li>• Height of head room to be not less than 3m and above</li> <li>• Room relationship to be considered to minimize unnecessary movement.</li> <li>• Type of floor finish to match with the nature of activity performed.</li> </ul>
12.	External environment	Provide access roads landscaping, walkways to allow movement people with disability.
13.	Utilities.	Proper electrical installation and power supply <sup>2</sup> ; enough water supply; adequate sewerage disposal system; adequate solid waste disposal system; well functioning telecommunication facilities; fire fighting/prevention facilities as per regulations; dust/smoke removing mechanism for dust/smoke generating workshops.
14.	First – Aid facilities and safety gears.	Standard first-aid box with basic medication installed in a conspicuous position; safety gears must be available for both vocational teacher and trainees.
15.	Legality of VET Centre in guidelines and Council Regulations. <ul style="list-style-type: none"> <li>• Birds class layer type</li> <li>• Broiler birds</li> </ul>	NACTVET plays a role of establishing and monitoring guideline to VET provider and not authorizing permission to commence construction activities. The respective regulatory Body is obliged to administer their regulations. <ul style="list-style-type: none"> <li>• Brooding space 20-30 birds/m<sup>2</sup></li> <li>• Growing space 10-20 birds/ m<sup>2</sup></li> <li>• Layer's birds 5-6 birds/ m<sup>2</sup></li> <li>• Brooding space 20-30/ m<sup>2</sup></li> <li>• Growing space 10-12 birds/ m<sup>2</sup></li> </ul>
16.	Space for seedling production (horticulture)	<ul style="list-style-type: none"> <li>• Extra 1-5 Acres required for horticulture practical</li> <li>• Provide reliable source of water for irrigation purposes.</li> <li>• Head room height not less than 3.6 m high.</li> </ul>
17.	Chick space:	38cm <sup>2</sup> per layer chick, 52cm <sup>2</sup> per broiler chick
18.	Size of foundation	The depth of the foundation to be determined at/in site, also nature of soil water table and the load to be imposed. But also the materials to be used

<b>S/N</b>	<b>ITEM/DESCRIPTION</b>	<b>NORM/SPECIFICATIONS</b>
19.	Safety awareness	Adherence to occupational health and safety should be taken on board to enhance high productivity and keep good working environment
20.	Others.	Master timetable placed at conspicuous area; at least one wall clock in each workshop; at least one suggestion box for each VTC. Each VTC has to have indoor or outdoor sports areas.

## **PART SIX**

### **6. BASIC TOOLS AND EQUIPMENT**

The minimum requirements of tools and equipment for a VTC with categories A-C for each occupation are provided. The same specifications of tools and equipment can be used for category D, but quantity and type will depend on curriculum contents to be covered.

The purpose of this list is to provide guidance and help management and authorities of vocational institutions to plan their equipment requirements with accuracy and produce precisely defined technical specifications.

It is advisable when purchasing tools and equipment to consider their durability, serviceability, accuracy, versatility and low operating costs.

**APPENDIX 1**  
**LIST OF TOOLS AND EQUIPMENT**

**BASIC TOOLS AND EQUIPMENT FOR BEAUTY THERAPY (20 TRAINEES)**

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
1.	Manicure table	40-50 Centimeter wide 1-1.5 meters long, water proof top with drawer.	Each	1:2	√	√	√
2.	Pedicure/manicure chair	<ul style="list-style-type: none"> <li>• With foot rest</li> <li>• Supportive back</li> <li>• water proof</li> <li>• Resist staining and head rest</li> </ul>	Each	1:5	√	√	√
3.	Small cushion	Foam 8"x 12", water proof.	Each	1:2	√	√	√
4.	Nail scissors	Stainless steel	Each	1:1	√	√	√
5.	Cuticle cutter	Stainless steel	Each	1:1	√	√	√
6.	Towels	Mixed size, cotton absorbent	Set	4:1	√	√	√
7.	Stool/Ottoman	With cushioned seat, low	Each	1:1	√	√	√
8.	Dustbin	Pedestal, 30 – 40L, plastic or steel	Each	1:5	√	√	√
9.	Cuticle pusher	Stainless steel/plastic/wooden	Each	1:1			
10.	Acrylic nail clipper	Stainless steel				√	√
11.	Nail cutters	All sizes, stainless steel	Set	1:1	√	√	√
12.	Callus cutter	Disposable razors, stainless steel	Each	1:1		√	√
13.	Abrasive nail files and buffers	Two way files grits from 180 – 240sq inch	Each	4:1			
14.	Nail files	Long, flexible and metallic	Each	4:1	√	√	√
15.	Cuticle nippers	<ul style="list-style-type: none"> <li>• Stainless steel/sharp</li> <li>• Hinged</li> </ul>	Each	1:1		√	√
16.	Cotton wool container	<ul style="list-style-type: none"> <li>• Glass/plastic,</li> <li>• With cover</li> <li>• Transparent, 1 Litre</li> </ul>	Each	1:1	√	√	√
17.	Nail brush	<ul style="list-style-type: none"> <li>• Plastic</li> <li>• With handle</li> <li>• Strong bristles</li> </ul>	Set	1:1	√	√	√
18.	Foot spa machine	<ul style="list-style-type: none"> <li>• Electric</li> <li>• Vibrate</li> <li>• Heat</li> <li>• Heavy duty/acupressure surface</li> <li>• bubble</li> </ul>	Each	1:5	√	√	√
19.	Foot scrapper	<ul style="list-style-type: none"> <li>• Wooden/plastic</li> <li>• Long handle</li> <li>• Grits from 180 – 240 sq inch</li> </ul>	Each	1:1	√	√	√

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
20.	Pumice hand buffer	<ul style="list-style-type: none"> <li>• Hard form,</li> <li>• Airy</li> </ul>	Each	1:1	√	√	√
21.	Pumice stone	<ul style="list-style-type: none"> <li>• Rough</li> <li>• Airly</li> </ul>	Each	1:1	√	√	√
22.	Ottoman	Water proof Stain resisting	Each	1:1	√	√	√
23.	Liquid soap dispenser	<ul style="list-style-type: none"> <li>• Pump type, 500 gm – 1 Litre</li> <li>• plastic, transparent</li> </ul>	Each	1:4	√	√	√
24.	Acrylic nail brush	<ul style="list-style-type: none"> <li>• Small synthetic bristles</li> <li>• Long handle</li> </ul>	Each	1:1		√	√
25.	Ultraviolet nail polish dier	Electric, with heater bulb, 6-9 watt	Each	1:5		√	√
26.	Magnifying lamp	Electric/flexible with stand	Each	1:10		√	√
27.	Supply/tools tray	Plastic, metal, ceramic water proof	Each	1:4	√	√	√
28.	Finger bowl	Plastic, metal, ceramic, Slide proof	Each	1:4	√	√	√
29.	Basins	Plastic, mixed sizes	Each	1:2	√	√	√
30.	Sterilizer	<ul style="list-style-type: none"> <li>• Commercial</li> <li>• Electric</li> <li>• Automatic</li> </ul>	Each	1:10	√	√	√
31.	Wet sanitizer	Plastic/glass 500g – 1 Litre, transparent with tight cover	Each	1:10	√	√	√
32.	Apron	Plastic/water proof with pocket, fully cover clothing	Each	1:1	√	√	√
33.	Facial/massage bed with head hole	Strong, metallic or wooden, water proof cover/pillow	Each	1:10	√	√	√
34.	Bed sheet	Cotton/white fitted	Each	1:1	√	√	√
35.	Extractor	Stainless steel, one sharp end, with loop	Each	1:1	√	√	√
36.	Eyelash curler	Stainless steel	Each	1:1	√	√	√
37.	Makeup brushes	Soft bristles, long hand, mixed sizes	Set	1:1	√	√	√
38.	Tweezers	Stainless steel	Each	1:1	√	√	√
39.	Water heater	Electric/Thermostat 40 Litre	Each	1:20	√	√	√
40.	Facial steamer	Electric, transparent water container/timer with stand, temp control	Each	1:5	√	√	√

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
41.	Wash basin	Ceramic with hot/cold water mixer	Each	1:20	√	√	√
42.	Salon gown	Cotton/absorbent/closing at the back	Each	1:1	√	√	√
43.	Wax heater	Electric/thermostat, stainless steel/plastic cover	Each	1:10	√	√	√
44.	Mirrors	Wall mounted/hand mirror	Each	1:10	√	√	√
45.	Makeup cape	Plastic, fully cover clothes	Each	1:1	√	√	√
46.	Bowls	Plastic/Glass mixed sizes	Each	1:2	√	√	√
47.	Record card holder	Wooden/plastic/medium	Each	1:20	√	√	√
48.	Wall clock	Large face with second hand	Each	1:20	√	√	√

## BASIC TOOLS AND EQUIPMENT FOR PHYSICAL FITNESS (20 TRAINEES)

### TOOLS AND EQUIPMENT

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
1	Abdominal Machine	<ul style="list-style-type: none"> <li>• Length 68 inches/ 173cm</li> <li>• Width 36 inches/ 90cm</li> <li>• Height 38 inches/ 97cm</li> <li>• Weight 150 lbs/ 68kgs</li> </ul>	Each	1:20	√	√	
2	Fitness Abdominal Exercise Equipment	Size: 45cm x 50cm x 38cm	Each	1:20		√	
3	Adjustable Cast Iron Dumbbells	<ul style="list-style-type: none"> <li>• Weighs 105lbs</li> <li>• Metal bar</li> <li>• Plates weigh 2kgs Maximum</li> </ul>	Each	1:20		√	
4	Kettler Aerobic Dumbbells	Weight: 1.5 Kg	Pair	1:10	√	√	√
5	Body-Solid Aerobic Dumbbell Rack	<ul style="list-style-type: none"> <li>• Size: 15inches x 9 inches x 17.5 inches (Length x Width x Height)</li> <li>• Assemble Weight: 4lbs in each pair</li> <li>• Weight: 3 or pairs 1lb to 15lbs</li> </ul>	Pair	1:20	√	√	√
6	Body-Solid 12 Pair Vertical Dumbbell Rack	<ul style="list-style-type: none"> <li>• Weight: 1lb to 15lbs</li> <li>• 24 vertical storage rungs to hold 12 pairs equal</li> <li>• Size: 29 inches x 26 inches x 52 inches (Length x Width x Height)</li> </ul>	Pair	1:20	√	√	√
7	Dumbbells	<ul style="list-style-type: none"> <li>• Weighs 4 to 100 Kg</li> <li>• Like Barbells with a short rod</li> </ul>	Pair	1:20		√	
8	Barbells	<ul style="list-style-type: none"> <li>• 4 feet length (1.2 meter) to 8 feet (2.4 meter) above</li> <li>• Diameter 25mm to 51mm</li> <li>• Men (2.2 meter long; 20kgs)</li> <li>• Women (2.1 meter long; 15 kgs)</li> <li>• Diameter 25mm</li> <li>• Can be Metallic.</li> </ul>	Each	1:20	√	√	



S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
9	Body-Solid Roman Chair	<ul style="list-style-type: none"> <li>Indoor Billiard Type with 2 inches 3 inches heavy-gauge steel</li> <li>Size: 43 inches x 45 inches x 26 inches (Height x Length x Width)</li> </ul>	Each	1:20	√	√	
10	Bulgarian Bag	<ul style="list-style-type: none"> <li>Weighs 5kgs to 23kgs</li> <li>Made of Leather or Canvas and filled with Sand</li> </ul>	Each	1:20	√	√	
11	Bumper Plates	<ul style="list-style-type: none"> <li>Weighs 0.5kg to 25kgs</li> <li>Aluminum or Plastic and may have Rubber edges</li> </ul>	Each	1:20	√	√	
12	Dip Climb Station	<ul style="list-style-type: none"> <li>Weighs 26lb</li> <li>2 inches x 3 inches Gauge Steel</li> <li>1-7/8 inches Diameter Handles, angled for different grip widths</li> </ul>	Each	1:20	√	√	
13	Elliptical Bikes	<ul style="list-style-type: none"> <li>Build up size: 1600mmx690mm x1660mm</li> <li>Adjustable tension control: section 1-24</li> <li>Flywheel: 8kg</li> </ul>	Each	1:10	√	√	
14	EZ Curl Bar (Easy Curl Bar)	<ul style="list-style-type: none"> <li>25 mm in Diameter</li> <li>2.7lb / ft</li> <li>Weight 4.0 kg/ meter</li> </ul>	Each	1:20	√	√	
15	Weight Sets Machine	Weighs 2 to 20kgs	Sets	1:10	√	√	
16	Gym hook Grips / Weight-lifting Training	Heavy duty	Pair	1:1	√	√	
17	Weight Lifting Gloves	Durable fabrics like, Nylon; Leather and Neoprene	Pair	1:1	√	√	
18	Kettlebell Adjustable	<ul style="list-style-type: none"> <li>16 kg (35 lb)</li> <li>Cast Iron/ Steel</li> </ul>	Each	1:20	√	√	
19	Medicine Ball	<ul style="list-style-type: none"> <li>Weighs 0.91 to 11.34kgs or 2 lbs to 25lbs</li> <li>Diameter 13.7 inches</li> </ul>	Each	1:20	√	√	

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
20	Multi-gym Machines	<ul style="list-style-type: none"> <li>• Kettler Fitmaster Premium Multi-gym-Black</li> <li>• Size:170x109x200cm</li> </ul>	Each	1:20	√	√	
21	Breaker Olympic Flat Bench	<ul style="list-style-type: none"> <li>• Size: 173cm x168cm x 130cm (Length x Width x Height)/ 68inches x66inches x51inches</li> </ul>	Each	1:20	√	√	
22	Olympic Curl Bar	<ul style="list-style-type: none"> <li>• Weighs 11-20lb</li> <li>• About 30.5 inches between the two handles</li> <li>• Each handle is 8.25 inches long</li> </ul>	Each	1:20	√	√	
23	Pair Slim Wrist Weight	Weighs 4lb	Pair	1:1	√	√	
24	Pair Slim Ankle Weight	Weighs 6lb	Pair	1:1	√	√	
25	Recumbent Exercise Bike	<ul style="list-style-type: none"> <li>• 8 Level Tension Controller</li> <li>• Made of Steel</li> <li>• Size: 850 mm x 460 mm x 1350mm</li> <li>• Maximum Weight: 120kgs</li> <li>• Adjustable 1-24 sections</li> </ul>	Each	1:20	√	√	
26	Smith Machine	Weighs 400lb	Each	1:20	√	√	
27	Spinning/ station bikes	Maximum Loading weight 200kgs	Each	1:20	√	√	√
28	Squat/ Power Racks	<ul style="list-style-type: none"> <li>• Size: 184.7cmx160.8cmx195.6cm or 72.7 inches x 63.3 inches x 11.0 inches</li> <li>• Weighs: 140kgs or 309lb</li> </ul>	Each	1:20	√	√	
29	Rogue Trap Bar Deadlift	<ul style="list-style-type: none"> <li>• Weighs 80lb</li> <li>• Size: 88 inches x 28.5 inches x 3 inches (Length x Width x Height)</li> <li>• Diameter 1.25 inches x1.25 inches (Square Tube)</li> <li>• Knurled Handles 16 inches Loadable Sleeve Space</li> </ul>	Each	1:20	√	√	
30	Cardio Power Machine	<ul style="list-style-type: none"> <li>• Welded Tubular Steel</li> </ul>	Each	1:20	√	√	-

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
		<ul style="list-style-type: none"> <li>• 27.25 inches x 76 inches x 65.5 inches (Width x Length x Height)</li> <li>• Weight 300lbs</li> <li>• Rungs: Steel tube with Polyurethane Sleeve</li> <li>• Power: 110V (220V)</li> <li>• Ceiling height: 7.5 Feet</li> </ul>					
31	Cross Trainer	<ul style="list-style-type: none"> <li>• Weighs 240 lbs/ 109kgs</li> <li>• Automatic</li> <li>• Types: Belt or Magnetic</li> <li>• Handlebars: Moving for total workout</li> <li>• Ramp Angle: 15-30 degrees</li> <li>• Resistance Level: 20</li> <li>• Chest Strap Transmitter: 5khz</li> <li>• Foot Pedal Dimension: 7inches x 15 inches/ 18cm x 38cm (Width x Length)</li> <li>• Set-up Height: 84 inches x 31 inches x 63 inches/ 213cm x 79cm x159cm (Length x Width x Height)</li> <li>• Power: AC-120V (50/60hz)</li> </ul>	Each	1:20	√	√	√
32	Exercise Bike (Upright)	<ul style="list-style-type: none"> <li>• Size: 1050mm x 620mm x 970mm (Length x Width x Height)</li> <li>• Stabilizer: Ellipse 40mm x 80mm x 1.5mm</li> <li>• Belt Drive</li> </ul>	Each	1:10	√	√	
33	Stairs Climber Machine	<ul style="list-style-type: none"> <li>• Step range: 1ft to 14ft</li> <li>• Step Rate: 26 to 174 steps per Minute</li> <li>• Power: Cordless-battery charger</li> <li>• Max. user Weight: 300lbs (136kg)</li> </ul>	Each	1:10	√	√	√

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
		<ul style="list-style-type: none"> <li>Size: 43inches x 27inches x 68inches/ 109cmx68cmx173cm (Length x Width x Height)</li> </ul>					
34	Treadmill	<ul style="list-style-type: none"> <li>Speed: AC: 1.6 -20km/h</li> <li>Speed: DC: 1.6 – 18km/h</li> <li>Belt: 600mm width x 3510mm (Width x Perimeter)</li> <li>Lane area: 3640mm x 580mm (Length x Width)</li> <li>Occupying area: 2400mm x 1130mm x 760mm (Length x Width x Height)</li> </ul>	Each	1:10	√	√	√
35	Bench Press Machine	<ul style="list-style-type: none"> <li>Weight: 45kg/ 95lbs</li> <li>Size: 180.6cm x 126.9cm x 135.4 cm/ 71.1 inches x 49.9 inches x 53.3 inches</li> </ul>	Each	1:5		√	
36	Biceps Curl Machine	Size: 105cm x 86cm x 162cm (Length x Width x Height)	Each	1:10		√	
37	Cable Cross Over	Size: 130 inches x 42 inches x 96 inches (Wide x Deep x High)	Each	1:10	√	√	
38	Decline Bench	<ul style="list-style-type: none"> <li>Size: 24 inches wide x 58 inches deep x 42 inches (Wide x Deep x High)</li> <li>Adjustable bench</li> <li>Steel Frame</li> </ul>	Each	1:10		√	
39	Flat Bench	<ul style="list-style-type: none"> <li>Size: 25 inches wide x 48 inches deep x 19 inches (Wide x Deep x High)</li> <li>Steel Frame</li> </ul>	Each	1:10		√	
40	Horizontal Calf Machine	<ul style="list-style-type: none"> <li>Two standard weight stack horns</li> <li>11-gauge steel frame</li> <li>29 Pounds of starting resistance</li> <li>Hammer Strength Circuits weighs 380 Pounds/ 173kgs</li> <li>Size: 63 inches x 54 inches x 53 inches</li> </ul>	Each	1:10		√	

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
41	John Bike	Speed and Lap record: 17 Minutes and 11.591 seconds at an average speed of 131.668 mph	Each	1:20	√	√	
42	Kettler Stroker Rower	Size: 86 inches x 24 inches x 32 inches (Length x Width x Height)	Each	1:20		√	
43	Lat Pull Down Machine	<ul style="list-style-type: none"> <li>Size: 183cm x 86cm x 231cm/ 72 inches x 34 inches x 91 inches (Length x Width x Height)</li> <li>Weight Stack: 101kg/ 222lbs</li> </ul>	Each	1:20		√	
44	Leg Curl Machine	<ul style="list-style-type: none"> <li>Power: 2AA batteries</li> <li>Size: 176.9cm x 113.3cm x 167.1 cm/ 69.7 inches x 44.6 inches x 65.8 inches (Length x Width x Height)</li> <li>Incremental weight: 2.3kg (5lbs)</li> <li>Total Stack weight: Light - 68 kg (150lbs)</li> <li>Heavy – 91kg (200lbs)</li> </ul>	Each	1:20	√	√	
45	Leg Extension Machine	<ul style="list-style-type: none"> <li>Weight Stack: 95 kg/ 190lbs</li> <li>Weight Stack Oversize: 15kg/ 250lbs</li> <li>Size: 1485mm x 1050mm x 1300mm/ 58 inches x 41 inches x 51 inches (Height x Width x Length)</li> </ul>	Each	1:20	√	√	
46	Seated Rowing Machine	<ul style="list-style-type: none"> <li>Size: 147cm x 77cm x 32cm (Length x Width x Height)</li> <li>DC wire of adapter: 215mm</li> </ul>	Each	1:20	√	√	
47	Shoulder and Chest Press Machine/ Multi-Press	<ul style="list-style-type: none"> <li>Weight Stack: 240 lbs/ 110kg with 5 lbs add-on system</li> <li>Add-on weight: 5 lbs/ 2.5kg</li> <li>Size: 183cm x 122cm x 175cm/ 72 inches x 48 inches x 69 inches</li> <li>Workout Area: 244cm x152cm/ 96 inches x 60 inches (Length x Width)</li> </ul>	Each	1:20	√	√	

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
		<ul style="list-style-type: none"> <li>Weight Plates are 1 inch (25mm) thick, 10lbs(5kg) and 15 lbs (7kg) sizes</li> <li>Top weight Plate: Starting weight 10 lbs (5kg); 25lbs/ 11 Kg) on the Leg Press</li> <li>Custom end fittings tested to 250,000 cycles under a 4440 lbs (200kg) load</li> </ul>					
48	Hip Abduction/ adduction Machine	<ul style="list-style-type: none"> <li>Size: 40 inches x 70 inches x 53 inches (Length x Width x Height)</li> <li>Working Area: 64 inches x 70 inches x 53 inches (Length x Width x Height)</li> </ul>	Each	1:20	√	√	
49	Triceps Machine	<ul style="list-style-type: none"> <li>Size: (157.7cm x 107.5cm x 167.1cm/ 62.1 inches x 42.3 inches x 65.8 inches</li> <li>Weight plate Heavy: 15lbs (6.8kg) &amp;</li> <li>Total Stack Weight: Heavy 230 lbs (104kg)</li> <li>Total Stack Weight: Light 160lbs (73kg)</li> <li>Batteries: 2AA</li> </ul>	Each	1:20	√	√	
50	Aerobic Steps	<ul style="list-style-type: none"> <li>Size: 18 inches x 12 inches x 6 inches (Length x Wide x Width)</li> <li>Hard plastic or hard wood Materials</li> </ul>	Each	1:10	√	√	√
51	Fitness Balls	<ul style="list-style-type: none"> <li>Body Height: 4 ft/11 inches (55cm)</li> <li>Body Height: 5ft/5 inches (65cm)</li> <li>Body Height: 6ft – 6ft7inches (75cm)</li> </ul>	Each	1:5	√	√	√
52	Training Mattress	<ul style="list-style-type: none"> <li>Size: 2ft x 5ft</li> <li>Thickness: 2 inches</li> <li>Materials: Shock Absorbed</li> </ul>	Each	1:1	√	√	√
53	Training Floor Carpet	<ul style="list-style-type: none"> <li>Size: 0.5 inches</li> </ul>	Each	1:20	√	√	√

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
		<ul style="list-style-type: none"> <li>Rubber Carpet</li> <li>Materials: Shock absorbed</li> </ul>					
54	Jumping Ropes	<ul style="list-style-type: none"> <li>Weight: 1lb (1kg)</li> <li>Length: 26cm (10 inches)</li> </ul>	Each	1:1	√	√	√
55	Medicine Balls	<ul style="list-style-type: none"> <li>Diameter: (190mm to 286mm)</li> <li>Weight: 1kg to 10kg</li> <li>Material: Natural Rubber</li> </ul>	Each	1:5	√	√	√
56	Stepper	<ul style="list-style-type: none"> <li>Maximum Weight: 100kg</li> <li>Size: 45cm x 40cm x 24cm</li> </ul>	Each	1:10	√	√	
57	Training Sticks/ Zumba Tonic Sticks	<ul style="list-style-type: none"> <li>Weighs 1 pound to 2.5 pounds</li> </ul>	Each	1:1	√	√	
		<b>Three types</b> <ul style="list-style-type: none"> <li>Original Body Stick: Medium length stick</li> </ul>	Each	1:1	√	√	
		<ul style="list-style-type: none"> <li>Marathon Stick: Short length Stick</li> </ul>	Each	1:1	√	√	
		<ul style="list-style-type: none"> <li>Big Stick</li> </ul>	Each	1:1	√	√	
58	First Aid Kit	<b>Medium Size With All Accessories as follows:-</b> <ul style="list-style-type: none"> <li>20 Gauze pads (at least 4 x 4 inches)</li> <li>Gauze pads (at least 8 x 10 inches)</li> <li>Adhesive bandages (band-aids)</li> <li>Gauze roller bandage at least 2 inches wide.</li> <li>Triangular bandages</li> <li>Wound cleaning agent such as sealed moistened towels</li> <li>Pairs of Scissors</li> <li>Blankets</li> <li>Tweezers</li> <li>Adhesive tape</li> <li>Latex gloves</li> <li>Resuscitation equipment such as resuscitation bag, airway, or pocket mask (Medical Prescriptions)</li> </ul>	Each	1:20	√	√	√

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
		<ul style="list-style-type: none"> <li>Elastic wraps</li> <li>Splints</li> <li>Directions for requesting emergency assistance (Guide book)</li> </ul>					
59	Mirror	Cover all Walls	Each	1:20	√	√	√
60	Music System (DVD Home Theatre)	<ul style="list-style-type: none"> <li>Medium Size: 600watts</li> <li>DVD/ CD Play Back</li> <li>USB Direct Recording and Playback</li> </ul>	Each	1:20	√	√	√
61	Fire Extinguisher	Unit: As per Country's Fire Extinguisher Specification and Requirements.	Each	1:20	√	√	√
62	Television Set	<ul style="list-style-type: none"> <li>Minimum Size: 32 inches</li> <li>Maximum Size: 42 inches</li> <li>Flat Screen</li> </ul>	Each	1:20	√	√	√
63	Tape Measure (Tailor's Waist and Body)	<ul style="list-style-type: none"> <li>Length: 60 inches to 80 inches</li> <li>Width: 0.5 inches</li> </ul>	Each	1:20	√	√	√
64	Wrist Blood Pressure Monitor	<ul style="list-style-type: none"> <li>Size: 3.125 inches x 2.125 inches x 1 inch</li> <li>Weight: 0.23lbs</li> <li>Pressure = 0 to 300mmHg</li> <li>BP = +/-3mmHg</li> </ul>	Each	1:20	√	√	√
65	Weighing Scale Machine	<ul style="list-style-type: none"> <li>Weighing Units: kg/ lbs/ Stone</li> <li>Materials: Plastic/ Glass</li> <li>Maximum Weight: 150Kg/330lb/24 Stones</li> <li>Size: 25mm to 34mm</li> </ul>	Each	1:20	√	√	√



## BASIC TOOLS AND EQUIPMENT FOR HAIR DRESSING – (FOR 20 TRAINEES)

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
1.	Sterilizer	<ul style="list-style-type: none"> <li>• Glass beads</li> <li>• Electrical</li> <li>• Automatic</li> </ul>	Each	1:10	√	√	√
2.	Sanitizer	<ul style="list-style-type: none"> <li>• Medium size</li> <li>• Plastic or aluminum with cover</li> </ul>	Each	1:10	√	√	√
3.	Dust bin	<ul style="list-style-type: none"> <li>• Plastic/stainless steel</li> <li>• Pedestal type</li> <li>• Large size (20L)</li> </ul>	Each	1:20	√	√	√
4.	First Aid Kit	Standard	Each	1:20	√	√	√
5.	Mop and mop wringer	<ul style="list-style-type: none"> <li>• 10L bucket with handle</li> <li>• Plastic</li> <li>• Mop with wooden or plastic handle</li> </ul>	Each	1:20	√	√	√
6.	Fire extinguishers	<ul style="list-style-type: none"> <li>• Foam</li> <li>• Water</li> <li>• Carbon dioxide as recommended by Fire department</li> </ul>	Each	1:20	√	√	√
7.	Aprons	Plastic water proof with pockets covering all front clothing	Each	1:1	√	√	√
8.	Face shield	<ul style="list-style-type: none"> <li>• Plastic with long handle</li> <li>• Fully cover face</li> </ul>	Each	1:5			
9.	Wall clock	Large face with second hand	Each	1:20	√	√	√
10.	Shampooing Chair & wash basin	Ceramic/plastic with water mixer (Hot and cold)	Set	1:5	√	√	√
11.	Water Heater	<ul style="list-style-type: none"> <li>• 40lt</li> <li>• Electric/solar</li> <li>• Automatic</li> </ul>	Each	1:20	√	√	√
12.	Towels	<ul style="list-style-type: none"> <li>• Mixed size</li> <li>• 100% cotton</li> <li>• White and black color (black for dyes)</li> </ul>	Set	1:4	√	√	√
13.	Draper capes	<ul style="list-style-type: none"> <li>• Water proof</li> <li>• Large size (covering all upper body)</li> <li>• Small size (for kids)</li> </ul>	Each	1:1	√	√	√

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
14.	Storage rack/shelf	Two or more tier water proof	Each	1:20	√	√	√
15.	Mixing bowls	<ul style="list-style-type: none"> <li>• Plastic or glass</li> <li>• Small /medium size</li> </ul>	Each	1:1	√	√	√
16.	Salon Chair	<ul style="list-style-type: none"> <li>• Swiveling</li> <li>• Water proof</li> <li>• Armrest</li> <li>• Back rest</li> <li>• Foot rest</li> <li>• Adjustable height</li> </ul>	Each	1:5	√	√	√
17.	Salon Combs	<ul style="list-style-type: none"> <li>• Plastic with metallic or plastic teeth</li> <li>• Chemical and heat resistant</li> <li>• Very strong</li> <li>• flexible</li> <li>• Tail/cutting/all purpose/Afro styling/shampoo/Tint/wig</li> <li>• Non discoloring or peeling</li> </ul>	Set	1:1	√	√	√
18.	Rollers trolley	<ul style="list-style-type: none"> <li>• 5 shelves or 5 large bowls</li> <li>• Plastic, Movable</li> <li>• With mixing bowls on top</li> </ul>	Each	1:5	√	√	√
19.	Rollers	Plastic All size	Set	1:1	√	√	√
		Foam All size	Set	1:1	√	√	√
		Magnetic type All size	Set	1:1	√	√	√
		Perm Rods All size	Set	1:1	√	√	√
20.	Roller Pins	Plastic/heat proof	Set	1:1	√	√	√
21.	Heat Rollers	<ul style="list-style-type: none"> <li>• Electric</li> <li>• Thermostat</li> <li>• Portable with pins</li> </ul>	Set	1:5		√	√
22.	Water spray bottle	Plastic with pump/transparent	Each	1:5	√	√	√
23.	Hair Steamer	<ul style="list-style-type: none"> <li>• Automatic</li> <li>• Temperature control</li> <li>• Hood</li> <li>• Heavy duty stand or wall mounted</li> </ul>	Each	1:5	√	√	√

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
24.	Hair Drier	<ul style="list-style-type: none"> <li>• Temp control, Hood</li> <li>• Timer</li> <li>• Electric,</li> <li>• Heavy duty</li> <li>• Stand or wall mounted</li> </ul>	Each	1:5	√	√	√
25.	Blow drier	<ul style="list-style-type: none"> <li>• Hot and cold air</li> <li>• Heavy duty 1300w – 1500w</li> <li>• Electric</li> <li>• With comb, diffuser and other nozzle attachments</li> <li>• 2 speeds</li> <li>• 2 heat set up</li> </ul>	Set	1:5	√	√	√
26.	Tint cape	<ul style="list-style-type: none"> <li>• With holes,</li> <li>• With elastic or strings</li> <li>• Heat proof</li> <li>• Washable</li> </ul>	Each	1:5	√	√	√
27.	Hook	<ul style="list-style-type: none"> <li>• Plastic</li> <li>• Large size</li> </ul>	Each	1:1	√	√	√
28.	Hair cutting scissors (shears)	<ul style="list-style-type: none"> <li>• Different sizes</li> <li>• Steel</li> <li>• Sharp</li> <li>• Straight</li> <li>• Curved</li> <li>• Long and short blades</li> </ul>	Each	1:5	√	√	√
29.	Thinning (texturizing) scissors (shears)	<ul style="list-style-type: none"> <li>• Steel</li> <li>• Mixed sizes</li> <li>• Mixed number of teeth in blades</li> </ul>	Each	1:1	√	√	√
30.	Razors (shaper)	<ul style="list-style-type: none"> <li>• With safety guards</li> <li>• Without safety guards</li> <li>• Removable blades</li> </ul>	Each	1:5		√	√
31.	Clippers	<ul style="list-style-type: none"> <li>• Electric</li> <li>• Changeable teeth/heavy duty</li> <li>• Cutting guards</li> </ul>	Each	1:5		√	√
32.	Mirrors	<ul style="list-style-type: none"> <li>• Plane large size</li> <li>• Wall mounted</li> <li>• magnifying</li> </ul>	Each	1:5	√	√	√

S/N	ITEM	SPECIFICATIONS	UNIT	RATIO	LEVEL		
					I	II	III
		<ul style="list-style-type: none"> <li>• Hand held/</li> </ul>					
33.	Sectioning Clips	Aluminum or plastic	Doz	1:5	√	√	√
34.	Straightening iron (flat)	<ul style="list-style-type: none"> <li>• Electric</li> <li>• Temperature control</li> <li>• Thin/wide</li> <li>• Ceramic plates with changeable crimpers</li> <li>• Commercial</li> </ul>	Set	1:5	√	√	√
35.	Hair clamps	Plastic	Each	1:5	√	√	√
36.	Stove heated thermal iron and stove	<ul style="list-style-type: none"> <li>• Ceramic inside,</li> <li>• Curling irons ½"-3"</li> <li>• Temperature control</li> <li>• Electric</li> <li>• 170°c</li> <li>• Automatic</li> </ul>	Each	1:10	√	√	√
37.	Hair brushes	<ul style="list-style-type: none"> <li>• Wooden/plastic handles</li> <li>• Heat proof bristles</li> <li>• All sizes</li> <li>• All shapes</li> </ul>	Set	1:5	√	√	√
38.	Wig stand	<ul style="list-style-type: none"> <li>• Bald</li> <li>• Swiveling stand</li> <li>• With face</li> <li>• Plastic</li> </ul>	Each	1:5	√	√	√
39.	Mannequin (dummy)	<ul style="list-style-type: none"> <li>• Swiveling stand</li> <li>• With face</li> <li>• Long hair</li> </ul>	Each	1:5	√	√	√
40.	Color chart	Dyed hair catalogue including highlights	Book File	1:20	√	√	√
41.	Needles	Large/curved/stainless steel	Each	1:1	√	√	√
42.	Soft tape measure	In inches and cm <ul style="list-style-type: none"> <li>• 60/80 inches</li> <li>• Soft plastic</li> </ul>	Each	1:5	√	√	√

**APPENDIX 2**  
**SCHEMATIC DRAWINGS**