



THE KENYA NATIONAL EXAMINATIONS COUNCIL

KNEC/GEN/TD/PSE/TEC/TT/24

2024 JUNE/JULY TECHNICAL EXAMINATIONS TIMETABLE

1.0 GENERAL INSTRUCTIONS

- 1.1 The time allowed for each paper is indicated against the name of the paper and **no extra time is to be allowed**. In case of any discrepancy, the time stated on the question paper should be taken as correct. Visually impaired candidates will **not** be given extra time other than what is stated on their respective papers. Any time allocated to reading through questions is included in the total time shown, except when special paper instructions indicate otherwise.
- 1.2 **All sessions examinations will start at 8.00 a.m.**
- 1.3 **Your attention is drawn to the regulations governing the conduct of candidates under items 3.0; 4.0; 5.0 and 6.0 of this timetable.**

Supervisors must ensure that candidates have written their names, index numbers and have signed on their answer scripts before they collect the scripts from the candidates.

All candidates must ensure they answer only the number of questions as provided in the instructions on the question paper. Should a candidate answer more questions than required, then they should cross out the response they do not wish to be marked. *Only the first required number of questions will be marked and awarded.*

2.0 EXAMINATION PERIOD AND DATES FOR JUNE/JULY 2024

2.1 PRACTICAL & PROJECT PAPERS

DATE		PAPER CODE	PAPER NAME	DURATION
PLANNING WEDNESDAY 10TH JULY 2024 ONE DAY ONLY				
PLANNING WEDNESDAY 10TH JULY 2024 ONE DAY ONLY	1.	1402/314	Food and Beverage Production Practical	2 hrs
	2.	1802/104 1819/104	Food and Beverage Production Practical	2 hrs
	3.	1819/203	Housekeeping practical	1 hr
	4.	1819/204	Laundry practical	1 hr
	5.	2406/101	Housekeeping Management Practice	3 hrs
	6.	2406/201	Laundry and Dry Cleaning Practice	3 hrs
	7.	2419/305	Accommodation Management Practice	2 hrs
	8.	2801/105	Housekeeping Practice	1 hr
	9.	2801/106	Laundry Practice	1 hr
	10.	2802/105 2819/105/1	Food and Beverage Production Practical	2 hrs
	11.	2802/205 2819/205	Food and Beverage Production Management Practice	2 hrs
	12.	2802/305 2819/305	Food and Beverage Service and Sales Management Practice	1 ½ hrs
	13.	2819/106	Accommodation Operations Practice	2 hrs
	14.	2819/203	Accommodations Operations Management Practice I (Laundry)	2 hrs
	15.	2819/302	Accommodations Operations Management Practice II (House Keeping)	2 hrs
	16.	2920/305	Baking III Practice (Bread)	2 hrs
	17.	2920/306	Baking III Practice (Confectionery)	2 hrs
	18.	2402/301 2419/301	Food & Beverage Management Practice	3 hrs
	19.			
START OF PRACTICAL PAPERS MONDAY 15TH JULY 2024				
	20.	0101/211	Trade Practice	12 hrs
	21.	0103/211	Trade Practice	6 hrs
	22.	0105/211	Trade Practice	6 hrs
	23.	0106/211	Trade Practice	12 hrs
	24.	0202/211	Trade Practice	6 hrs
	25.	0301/211	Trade Practice	8 hrs

DATE	PAPER CODE	PAPER NAME	DURATION	
START OF PRACTICAL PAPERS MONDAY 15 TH JULY 2024	26.	0302/211	Trade Practice	8 Hrs
	27.	0304/211	Trade Practice	8 hrs
	28.	0305/211	Trade Practice	8 hrs
	29.	0401/211B	Trade Practice	4 hrs
	30.	0402/211	Trade Practice, Food and Beverage Production	5 hrs
	31.	0402/216	Trade Practice on Food and Beverage Service	3 hrs
	32.	0404/211	Trade Practice	9 hrs
	33.	0405/211	Trade Practice	9 hrs
	34.	0501/103	Metal Processing Technology Practice I	9 hrs
	35.	0501/203	Metal Processing Technology Practice II	9 hrs
	36.	0503/103	Motor Vehicle Practice I	16 hrs
	37.	0503/203	Motor Vehicle Practice II	16 hrs
	38.	0504/105	Trade Practice I	6 hrs
	39.	0504/204	Trade Practice II	6 hrs
	40.	05041/105	General Marine Engineering practical (Trade practice I)	12 hrs
	41.	05041/205	Marine Engineering Technology Practical (Trade Practice II)	12 hrs
	42.	0505/103	Refrigeration and Air Conditioning Trade Practice I	6 hrs
	43.	0505/203	Refrigeration and air Conditioning Trade Practice II	6 hrs
	44.	0601/103	Electrical & Electronics Technology Practice I	9 hrs
	45.	0601/203	Electrical and Electronics Technology Practice II	8 hrs
	46.	0701/103	Appropriate Carpentry & Joinery Practice I	9 hrs
	47.	0701/203	Appropriate Carpentry & Joinery Practice II	9 hrs
	48.	0702/103	Building Technology Practice I	9 hrs
	49.	0702/203	Building Technology Practice II	9 hrs
	50.	0801/103	Fashion Design & Garment Making Practice I	7 hrs
	51.	0801/203	Fashion Design & Garment Making Practice II	7 hrs
	52.	0602/203 0920/202	ICT Trade Practice II	6 hrs
	53.	0901/103	Hair Dressing and Beauty Therapy Practice I	6 hrs
	54.	0901/203	Hair Dressing and Beauty Therapy Practice II	6 hrs
	55.	0902/103	Food Processing Technology Practice I	6 hrs
	56.	0902/203	Food Processing Technology Practice II	6 hrs
	57.	0903/103	Leather Technology Practice I	12 hrs
	58.	0903/203	Leather Technology Practice II	12 hrs
	59.	0904/103	Agribusiness Practice I	9 hrs
	60.	0904/203	Agribusiness Practice II	9 hrs
	61.	0920/102 0602/103	Information Communications Technology Practice I	6 hrs
	62.	1102/315	Trade Practice	25 Hrs
	63.	1103/315	Trade Practice	6 Hrs
	64.	1105/315	Trade Practice	6 Hrs
	65.	1106/315	Trade Practice	25 Hrs
	66.	1202/314	Electrical Installation Practice	8 Hrs
	67.	1204/313	Electronic Instruments & Fault Diag. (Practice)	8 Hrs
	68.	1301/315	Carpentry & Joinery Craft Practice	9 Hrs
	69.	1304/315	Masonry Craft Practice	9 Hrs
	70.	1305/315	Plumbing Craft Practice	9 Hrs
	71.	1308/315	Land Surveying Craft Practice	6 Hrs
	72.	1309/315	Road Construction Craft Practice	9 Hrs
	73.	1401/311	Garment Making Practical	7 Hrs
	74.	1402/314	Food & Beverage Production Practical	6 Hrs
	75.	1402/315	Food & Beverage Service Practical	3 Hrs
	76.	1403/315	Food Processing & Preservation Practical	6 Hrs
	77.	1404/315	Trade Practice	6 Hrs
	78.	1406/311	Housekeeping Practical	4 Hrs
	79.	1406/312	Laundry Practical	4 Hrs
	80.	1409/315	Fisheries Technology Trade Practice	6 Hrs
	81.	1410/208/2	Kenyan Sign Language (KSL) Expressive Signing Skills (Practice) {15 minutes per candidate}	15 min each
	82.	1501/206	Mechanical Engineering Trade Practice	25 hrs
	83.	1503/106	Motor Vehicle Technology Trade Practice I	6 hrs
	84.	1503/206	Motor Vehicle Technology Trade Practice II	6 hrs
	85.	1504/106	Trade Practice I	12 hrs
	86.	1504/206	Trade Practice II	12 hrs

DATE	PAPER CODE	PAPER NAME	DURATION	
LAST DAY OF PRACTICAL PAPERS FRIDAY 26TH JULY 2024	87.	15041/106	Navigation Safety and Boat Handling Practice (Trade Practice)	6 hrs
	88.	1505/106	Trade Practice I	12hrs
	89.	1505/206	Trade Practice II	12 hrs
	90.	15051/106	General Marine Engineering Practical (Trade Practice)	12 hrs
	91.	1907/104	Bread & Confectionery Making I Practice	6 hrs
	92.	1907/204	Bread & Confectionery Making II Practice	6 hrs
	93.	1508/106	Welding and Fabrication Trade Practice I	18 hrs
	94.	1508/206	Welding and Fabrication Trade Practice II	18 hrs
	95.	1509/106	Construction Plant Trade Practice I	8 hrs
	96.	1509/206	Construction Plant Trade Practice II	9 hrs
	97.	1521/104 1601/106 1602/106	Trade Practice I	8 hrs
	98.	1521/206 1601/206	Trade Practice II	8 hrs
	99.	1522/206 1602/206	Telecom Systems and Fault Diagnosis	12 hrs
	100.	1704/106	Building Construction Practice	15 hrs
	101.	1704/205	Building Construction Practice	18 hrs
	102.	1801/105	Fabric Colouration Practical	4 hrs
	103.	1801/203	Garment Making Practical (For Women)	7 hrs
	104.	1801/204	Garment Making Practical (For Men)	7 hrs
	105.	1801/205	Batik and Embroidery Practical	4 hrs
	106.	1802/104 1819/104	Food and Beverage Production Practical	6 hrs
	107.	1802/204	Food and Beverage Service and Sales Practical	3 hrs
	108.	1805/108/2	Kenyan Sign language- Expressive skills (Practical) {15 minutes per candidate}	15 Minutes Each
	109.	1819/106	Food & Beverage Service Practical	3 hrs
	110.	1819/203	House Keeping Practical	5 hrs
	111.	1819/204	Laundry Practical	5 hrs
	112.	1903/106	Food Processing and Preservation I Practical	6 hrs
	113.	1903/205	Food Processing and Preservation II Practical	6 hrs
	114.	1906/106	Sustainable Ecological Agriculture Trade Practice I	6 hrs
	115.	1906/206	Sustainable Ecological Agriculture Trade Practice II	6 hrs
	116.	1908/106	Trade Practice	6 hrs
	117.	1908/205	Trade Practice II	6 hrs
	118.	2401/302	Garment Cutting and Making Practical	6 hrs
	119.	2402/301 2419/301	Food & Beverage Management Practice	6 hrs
	120.	2406/101	House Keeping Management Practice	5 hrs
	121.	2406/201	Laundry and Dry Cleaning Practice	5 hrs
	122.	2419/305	Accommodation Management Practice	4 hrs
	123.	2420/201A	Bread Making Practice II	8 hrs
124.	2420/201B	Flour & Confectionery Practice II	6 hrs	
125.	2420/301	Bread Making & Flour Confectionery Practice III	12 hrs	
126.	25041/106	Navigation safety and ship maintenance practical	12 hrs	
127.	2801/105	Housekeeping Practice	4 hrs	
128.	2801/106	Laundry Practice	4 hrs	
129.	2802/105 2819/105/1	Food and Beverage Production Practical	6 hrs	
130.	2802/106 2819/105/2	Food and Beverage Service Practical	3 hrs	
131.	2802/205 2819/205	Food Production Management Practice	5 hrs	
132.	2802/305 2819/305	Food and Beverage Service and Sales Management Practice	6 hrs	
133.	2803/105	Clothing Construction I Practical	6 hrs	
134.	2803/205	Clothing Construction II Practical	6 hrs	
135.	2803/305	Clothing Construction III Practical	6 hrs	
136.	2819/106	Accommodation Operations Practice	7 hrs	
137.	2819/203	Accommodation Operations Management I Practice (Laundry)	4 hrs	

DATE	PAPER CODE	PAPER NAME	DURATION
	138. 2819/302	Accommodation Operations Management II Practice (House Keeping)	6 hrs
	139. 2830/105	Spinning Machinery and Maintenance Practical	6 hrs
	140. 2830/205	Weaving and Knitting Machinery practical	6 hrs
	141. 2830/305	Quality Control, Analysis and Testing Practical	6 hrs
	142. 2913/206	Food Processing I Practical	6 hrs
	143. 2913/306	Food Processing II Practical	6 hrs
	144. 2920/105	Baking I Practice (Bread)	6 hrs
	145. 2920/106	Baking I Practice (Confectionery)	6 hrs
	146. 2920/204	Baking II Practice (Bread)	6 hrs
	147. 2920/205	Baking II Practice (Confectionery)	6 hrs
	148. 2920/305	Baking III Practice (Bread)	8 hrs
	149. 2920/306	Baking III Practice (Confectionery)	8 hrs

2.2 WRITTEN PAPERS

SNo.	Paper Code	Paper Name	Duration
Day 1			
Monday, JULY 15TH, 2024			
1.	2301/303	Structures	3 hrs
2.	2302/303		
3.	2303/303	Hydrological Processes	3 hrs
4.	2304/303	Hydrogeology	3 hrs
5.	2305/303	Structures	3 hrs
6.	2307/303		
7.	2308/303		
8.	2311/303	Photogrammetry and Remote Sensing	3 hrs
9.	2312/303		
10.	2313/303	Cartography, Photogrammetry & Remote Sensing	3 hrs
11.	2403/303	Food Analysis	3 hrs
12.	2406/302	Communication Skills	3 hrs
13.	2416/301	Art Studio Organization & Management	3 hrs
14.	2417/301		
15.	2418/301		
16.	2422/301	Industrial Organization and Management	3 hrs
17.	2423/301		
18.	2424/301		
19.	2501/101	ICT, Communication skills and Entrepreneurship	3 hrs
20.	2502/101		
21.	2503/101		
22.	2508/101		
23.	2509/101		
24.	2601/101		
25.	2602/101		
26.	2603/101		
27.	2705/101		
28.	2707/101		

29.	2709/101		
30.	2710/101		
31.	2501/201	Industrial Organisation and Management	3 hrs
32.	2502/201		
33.	2503/201		
34.	2508/201		
35.	2509/201		
36.	2501/305	Production Line Processes and Foundry Technology	3 hrs
37.	2502/305	Power Production Systems	3 hrs
38.	2503/305	Auto Electrics and Electronics	3 hrs
39.	2508/305	Advanced Fabrication Technology	3 hrs
40.	2509/305	Construction Plant Technology and Practice III	3 hrs
41.	2504/101	Entrepreneurship and Communication Technology	3 hrs
42.	25041/101	Entrepreneurship and Communication Technology	3 hrs
43.	25051/101		
44.	2505/101	Entrepreneurship and Communication Skills	3 hrs
45.	2506/101	Entrepreneurship & Communication Technology	3 hrs
46.	2507/101		
47.	1314/101	Water Resources I	3 hrs
48.	1314/201	Water Resources II	3 hrs
49.	1412/315	Medical Laboratory Technology Practice	4 hrs
50.	1521/101	ICT Technical Drawing and Entrepreneurship	3 hrs
51.	1522/101		3 hrs
52.	2080/202	Industrial Org. & Management	3 hrs
53.	2081/202		
54.	2082/202		
55.	2083/202		
56.	1080/212		
57.	2101/302	Industrial Organisation & Management	3 hrs
58.	2102/302		
59.	2103/302		
60.	2104/302		
61.	2105/302		
62.	2106/302		
63.	2107/302		
64.	2108/302		
65.	2201/305	Industrial Organisation & Management	3 hrs
66.	2203/305		
67.	2204/305		
68.	2206/305		
69.	2208/305		
70.	2205/305	Industrial Org. & Management	3 hrs
71.	2207/305	Industrial Org. & Management	3 hrs
72.	2521/101	ICT, Entrepreneurship, Life and Communication Skills	3 hrs
73.	1904/106	Science Laboratory Techniques practical I	4 hrs
74.	2306/305	Building Economics Construction Law, Estimating & Costing	3 hrs
75.	2309/305	History of Architecture	3 hrs

76.	2310/305	Remote Sensing	3 hrs
77.	2404/305	Animal and Plant Husbandry, Pharmacology, Toxicology, Entomology and plant Pathology	3 hrs
78.	2405/305	Elements of Accounts	3 hrs
79.	2407/305	Medical Microbiology	3 hrs
80.	2411/305	Instrumental Methods of Analysis	3 hrs
81.	2525/103	Crop Enterprise Management I	3 hrs
82.	2921/103		
83.	3084/207	Water and Waste Water Technology	3 hrs
84.	4080/204	Gravimetric, Volumetric and Biochemistry	3 hrs
85.	4082/204	Pharmacology & Toxicology II	3 hrs
86.	4083/204	Anatomy	3 hrs
87.	4086/204	Anatomy & Physiology II	3 hrs
88.	4087/204	Serology	3 hrs
89.	4089/204	Food Analysis	3 hrs
90.	4090/104	Ethical, Legal and Personal Development Issues	3 hrs
DAY 2			
Tuesday, JULY 16TH, 2024			
91.	2101/301	Mathematics	3 hrs
92.	2102/301		
93.	2103/301		
94.	2104/301		
95.	2105/301		
96.	2106/301		
97.	2107/301		
98.	2108/301		
99.	2201/301	Mathematics	3 hrs
100.	2203/301		
101.	2204/301		
102.	2206/301		
103.	2207/301	Mathematics	3 hrs
104.	2208/301	Mathematics	3 hrs
105.	2209/101	Introduction to Computers & Principles of Operating Systems	3 hrs
106.	2413/301	Mathematics	3 hrs
107.	2429/305	Pharmacy Practice and Dispensing/Compounding	4 hrs
108.	2501/103	Engineering Mathematics I	3 hrs
109.	2502/103		
110.	2503/103		
111.	2508/103		
112.	2509/103		
113.	2501/203	Engineering Mathematics II	3 hrs
114.	2502/203		
115.	2503/203		
116.	2508/203		
117.	2509/203		
118.	2501/303	Engineering Mathematics III	3 hrs
119.	2502/303		

120.	2503/303		
121.	2508/303		
122.	2509/303		
123.	2504/103	Mathematics I & Applied Science	3 hrs
124.	2505/103		
125.	2504/203	Engineering Mathematics I	3 hrs
126.	2505/203		
127.	2504/303	Ship Power Plant	3 hrs
128.	2505/303	Engineering Mathematics II	3 hrs
129.	2506/103	Engineering Mathematics I & Engineering Science I	3 hrs
130.	2507/103		
131.	2506/203	Engineering Mathematics II	3 hrs
132.	2507/203		
133.	2506/303	Engineering Mathematics III	3 hrs
134.	2507/303		
135.	2525/102	Applied Science I	3 hrs
136.	2910/102		
137.	2921/102		
138.	2525/201	Applied Science II	3 hrs
139.	2921/201		
140.	2525/305	Natural Resource Management	3 hrs
141.	2921/305		
142.	2528/102	Environmental Chemistry & Applied Science	3 hrs
143.	2922/102		
144.	2528/202	Environmental Pollution Control, Health and Safety	3 hrs
145.	2922/202		
146.	2528/302	Environmental waste Management EIA and Environmental Law	3 hrs
147.	2922/302		
148.	2705/102	Mathematics I and Physical Science	3 hrs
149.	2707/102		
150.	2709/102		
151.	2710/102		
152.	2705/201	Mathematics II and Surveying II	3 hrs
153.	2707/201		
154.	2709/201		
155.	2710/201		
156.	2705/301	Mathematics III and Surveying III	3 hrs
157.	2707/301		
158.	2709/301		
159.	2710/301		
160.	2901/102	Applied Mathematics and Economics	3 hrs
161.	2901/201	Applied Mathematics	3 hrs
162.	2901/301	Financial Accounting	3 hrs
163.	2910/201	Applied Science II	3 hrs
164.	2910/302	Agricultural Biochemistry and Agro processing & value addition	3 hrs
165.	2913/102	Mathematics and Applied Science	3 hrs
166.	2914/206	Applied Biology Practical II	4 hrs

167.	2914/302	Entomology, Pharmacology and Toxicology	3 hrs
168.	2923/102	Mathematics and Applied Science	3 hrs
169.	2923/202	Chemical Analytical Methods	3 hrs
170.	2923/302	Material And Environmental Science	3 hrs
171.	3402/101	Principles and Techniques of Education Management	3 hrs
172.	4080/203	Organic Chemistry	3 hrs
173.	4082/203	Pharmacology & Toxicology I	3 hrs
174.	4083/203	Cytology	3 hrs
175.	4086/203	Anatomy & Physiology I	3 hrs
176.	4087/203	Haematology	3 hrs
177.	4089/203	Specific Products Technology	3 hrs
178.	4090/103	Contextual and Multicultural Issues	3 hrs
179.	2301/305	Construction Technology, Materials, Measurement, & Costing	3 hrs
180.	2302/305		
181.	2303/305	Environment Science	3 hrs
182.	2304/305	Environment Science	3 hrs
183.	2305/305	Measurement, Estimating & Costing	3 hrs
184.	2307/305	Measurement, Estimating & Costing	3 hrs
185.	2308/305	Highway Engineering Construction	3 hrs
186.	2311/305	Special Purposes Cart. & Cart. Rep.	3 hrs
187.	2312/305	Cadastral Surveying & Land Law	3 hrs
188.	2313/305	Photomechanical Processes & Print Sci.	3 hrs
189.	2403/305	Food Processing & Preservation	3 hrs
190.	2416/305	Advertising & Corporate Identity Design	3 hrs
191.	2417/305	Drawing, art & Visual Communication	3 hrs
192.	2418/305	Art/ Factual Sculpture	3 hrs
DAY 3			
Wednesday, JULY 17TH, 2024			
193.	1904/105	Biology Techniques I	3 hrs
194.	1904/205	Biology Techniques II	3 hrs
195.	1905/105	Introduction to Nutrition and Dietetics, Introduction to Nutrition Care Process and Principles of Human Nutrition	3 hrs
196.	1905/205	Food Production for Invalids and Convalescents, Introduction to Behavioural Sciences and Nutrition Anthropology	3 hrs
197.	2081/205	Digital Electronics	3 hrs
198.	2082/205		
199.	2301/302	Hydraulics	3 hrs
200.	2302/302		
201.	2303/302		
202.	2304/302		
203.	2310/302	Management	3 hrs
204.	2311/302		
205.	2312/302		
206.	2313/302		
207.	2403/302	Food Chemistry	3 hrs
208.	2404/303	Microbiology, Parasitology & Immunology	3 hrs
209.	2405/302	Applied Economics	3 hrs

210.	2407/302	Haematology & Immuno-Haematology	3 hrs
211.	2411/302	Inorganic Chemistry	3 hrs
212.	2425/102	Principles of Animal Production	3 hrs
213.	2425/202	Animal Production II	3 hrs
214.	2425/302	Animal Production III	3 hrs
215.	2426/103A	Legal Aspects of Dietetics & Communication Skills	3 hrs
216.	2427/102		
217.	2426/203A	Human Psychology & Computer Applications	3 hrs
218.	2426/303	Principles of Accounts and Practice of Management	3 hrs
219.	2427/303		
220.	2427/202	Human Psychology	3 hrs
221.	2428/104	Communication Skills & Information Technology	3 hrs
222.	2428/204	Statistics	3 hrs
223.	2429/304A	Pharmaceutical Chemistry Theory	3 hrs
224.	2501/105	Structural Fabrication Technology, Material and Metallurgy I	3 hrs
225.	2501/205	Structural Fabrication Technology, Materials and Metallurgy II	3 hrs
226.	2502/206	Building Services, Machine Installation, Refrigeration, Air conditioning and Ventilation	3 hrs
227.	2503/105	Vehicle Technology	3 hrs
228.	2503/205	Engines Technology and Bodywork	3 hrs
229.	2504/105	General Ship Knowledge	3 hrs
230.	2504/205	Maritime Conventions	3 hrs
231.	2505/105	Ship Construction and Naval Architecture I	3 hrs
232.	2505/205	Marine Mechanical Technology I	3 hrs
233.	2505/305	Marine Mechanical Technology II	3 hrs
234.	2506/105	Workshop Technology and Life Skills	3 hrs
235.	2507/105		
236.	2506/205	Aircraft Mechanical Technology I	3 hrs
237.	2506/305	Aircraft Mechanical Technology II	3 hrs
238.	2507/205	Measurement Technology	3 hrs
239.	2507/305	Electromagnetic Field Theory	3 hrs
240.	2508/105	Fabrication and Welding Technology, Materials and Metallurgy I	3 hrs
241.	2508/205	Fabrication and Welding Technology, Materials and Metallurgy II	3 hrs
242.	2509/105	Engine and Construction Plant I Technology I	3 hrs
243.	2509/205	Vehicle and Construction Plant Technology II	3 hrs
244.	2521/204	Engineering Drawing and Circuit Analysis	3 hrs
245.	2601/204		
246.	2602/204		
247.	2603/204		
248.	2525/105	Agricultural Engineering I	3 hrs
249.	2921/105		
250.	2525/205	Agricultural Engineering II	3 hrs
251.	2921/205		
252.	2525/303	Agricultural engineering III	3 hrs
253.	2921/303		
254.	2528/105	Human Ecology and Economics	3 hrs
255.	2922/105		

256.	2528/205	Environmental Resource Management and Economics	3 hrs
257.	2922/205		
258.	2923/105	Organic Chemistry	3 hrs
259.	2923/205	Unit Operations	3 hrs
260.	2923/305	Technology Of Organic Chemistry Products	3 hrs
261.	2910/105	Agricultural Engineering I	3 hrs
262.	2910/205	Agricultural Engineering II	3 hrs
263.	2910/305	Rural Sociology and Community Health	3 hrs
264.	2913/106	Applied Science and Microbiology Practical	4 hrs
265.	2916/103	Diet Therapy I, Meal Planning Management and Service and Principles Of Human Nutrition Practice	3 hrs
266.	2916/203	Diet Therapy II and Nutrition in the Lifespan Theory	3 hrs
267.	2916/303	Diet Therapy III and Nutrition Education and Counselling Theory	3 hrs
268.	4080/205	Instrumentation I	3 hrs
269.	4082/205	Microbiology I	3 hrs
270.	4083/205	Museum Techniques I	3 hrs
271.	4086/205	Parasitology I	3 hrs
272.	4087/205	Immunology I	3 hrs
273.	4089/205	Food Microbiology	3 hrs
274.	4090/105	Introduction to Counsellor Supervision, Stress and Burnout Management	3 hrs
275.	2208/304	Clinical Engineering Paper II	3 hrs
276.	1804/205	Psychosocial Support and Provider Healthcare	3 hrs
277.	1805/205	Human Growth and Development	3 hrs
278.	2107/308	Airfield & Safety Procedures	3 hrs
279.	2206/302	Control Systems	3 hrs
280.	2207/306	Airfield & Safety Procedure	3 hrs
281.	2209/103	Information Systems Management	3 hrs
282.	2209/203	Programming II	3 hrs
283.	2416/302	Socio – Cultural Studies	3 hrs
284.	2417/302		
285.	2418/302		
286.	2428/302	Counselling Psychology, Social Rehab. & Reintegration	3 hrs
287.	2501/304	Thermodynamics and Fluid Mechanics	3 hrs
288.	2502/304		
289.	2503/304		
290.	2508/304		
291.	2509/304		
292.	2914/105	Animal Husbandry, Museum and Herbarium Techniques	3 hrs
293.	2915/105	Physical Chemistry I and Chemical Analytical Methods I	3 hrs
294.	2914/205	Parasitology and Histology	3 hrs
295.	2915/205	Physical Chemistry II	3 hrs
296.	2915/305	Physical Chemistry III	3 hrs
297.	3301/215	Survey Adjustments	3 hrs
298.	3302/215	Photogrammetric Data Processing	3 hrs
299.	3303/215	Cartographic Communication & Map Design	3 hrs
300.	3402/204	Education Policy, Planning and Curriculum Management	3 hrs
301.	2209/301	Quantitative Methods	3 hrs

DAY 4
Thursday, JULY 18th, 2024

302.	2080/201	Mathematics	3 hrs
303.	2081/201		
304.	2082/201		
305.	2083/201		
306.	2301/301	Mathematics	3 hrs
307.	2302/301		
308.	2303/301		
309.	2304/301		
310.	2305/301	Mathematics	3 hrs
311.	2306/301		
312.	2307/301		
313.	2308/301		
314.	2309/301	Mathematics	3 hrs
315.	2310/301		
316.	2311/301		
317.	2312/301		
318.	2313/301	Mathematics	3 hrs
319.	2405/301		
320.	2416/306	Publication Design	3 hrs
321.	2417/306	Painting Art	3 hrs
322.	2426/102 2427/101B	Nutrition, Community Health & Diet Therapy I Theory	3 hrs
323.	2422/304	Graphic Reproduction	3 hrs
324.	2423/304	Proofing & Surface Preparation	3 hrs
325.	2424/304	Finishing Binding and Ancillary operations	3 hrs
326.	2426/202 2427/201B	Nutrition & Diet Therapy II Theory	3 hrs
327.	2429/304B	Pharmaceutical Chemistry Practical	4 hrs
328.	2521/102	Engineering Mathematics I	3 hrs
329.	2601/103		
330.	2602/103		
331.	2603/103		
332.	2521/201	Engineering Mathematics II	3 hrs
333.	2601/203		
334.	2602/203		
335.	2603/203		
336.	2521/301	Engineering Mathematics III	3 hrs
337.	2601/303		
338.	2602/303		
339.	2603/303		
340.	2805/104	Child Health Care and Nutrition	3 hrs
341.	2805/205	Community Development in Child care and Protection	3 hrs
342.	2916/102	Mathematics and Physical Science	3 hrs
343.	2916/202	Diet Therapy II and Nutrition in the Lifespan Practice	3 hrs
344.	2209/201	System Analysis and Design	3 hrs
345.	2902/303	Personal Development, Ethical and Legal Issues	3 hrs

346.	2902/105	Personal development I and Life skills	3 hrs
347.	2903/105		
348.	2904/105		
349.	2905/105		
350.	2906/105		
351.	2907/105		
352.	2908/105		
353.	2909/105		
354.	2911/105		
355.	2912/105		
356.	2902/202		
357.	2903/202		
358.	2904/202		
359.	2905/202		
360.	2906/202		
361.	2907/202		
362.	2908/202		
363.	2909/202		
364.	2911/202		
365.	2912/202		
366.	2901/204	Petroleum Geochemistry	3 hrs
367.	2901/304	Geographic Information Science (GIS)	3 hrs
368.	2903/303	Personal Development, Professional, Ethical and Legal Issues	3 hrs
369.	2904/303	Personal and Professional Development, Ethical and Legal Issues	3 hrs
370.	2905/303	Personal Development and Professional Issues	3 hrs
371.	2906/303	Personal Development, Family Counselling and Effective Parenting.	3 hrs
372.	2907/303	Personal and Professional Development	3 hrs
373.	2908/303	Advocacy For Persons With Special Needs and Disabilities	3 hrs
374.	2909/303	Personal Development and Spiritual Formation	3 hrs
375.	2916/302	Diet Therapy III and Nutrition Education and Counselling Practice	3 hrs
376.	3301/211	Mathematics	3 hrs
377.	3302/211		
378.	3303/211		
379.	2505/304	Motor and Steam Engineering Knowledge	3 hrs
380.	4080/201	Physical Chemistry	3 hrs
381.	4082/201	Animal Physiology I	3 hrs
382.	4083/201	Histology I	3 hrs
383.	4086/201	Histopathology I	3 hrs
384.	4087/201	Chemical Pathology I	3 hrs
385.	4089/201	Food Engineering Systems	3 hrs
386.	4090/101	Models Of Counsellor Supervision and Evaluation	3 hrs
387.	2203/302	Data Communication	3 hrs
388.	2204/302	Machines & Utilization	3 hrs
389.	2205/302	Data Communication	3 hrs
390.	2209/302	Data Communications	3 hrs
391.	2710/106	Architectural Communication and Technical Drawing	3 hrs

DAY 5
Friday, JULY 19TH, 2024

392.	1405/312	Animal Production	3 hrs
393.	1411/312	Printing Science	3 hrs
394.	1412/312	Haematology & Immuno-Haematology	3 hrs
395.	1901/104	Geodynamics, Stratigraphy and Sedimentology	3 hrs
396.	1901/204	Workshop Technology & Practice	3 hrs
397.	2080/203	Electrical Measurements	3 hrs
398.	2081/203		
399.	2082/203		
400.	2083/203		
401.	2418/306	Environment, Mon and Statuary Sculpture	3 hrs
402.	2425/104	Agricultural Engineering I	3 hrs
403.	2425/204	Agricultural Engineering II	3 hrs
404.	2425/304	Agricultural Engineering III & Environmental Management	3 hrs
405.	2426/203B 2427/204	Applied Science (Physical Science and Biochemistry)	3 hrs
406.	2429/306B	Pharmacology & Therapeutics Practical	4 hrs
407.	2521/105	Electrical Measurement and Analogue Electronics I	3 hrs
408.	2601/106		
409.	2602/106		
410.	2603/106		
411.	3080/206	Building Economics	3 hrs
412.	3081/206	Estimating and Costing	3 hrs
413.	3083/206		
414.	3084/206		
415.	3082/206	Costing & Measurement. of Field Works	3 hrs
416.	3301/216	Geodesy	3 hrs
417.	3302/216	Photogrammetric Mapping	3 hrs
418.	3303/216	Thematic & Special Purpose Mapping	3 hrs
419.	4080/202	Inorganic Chemistry	3 hrs
420.	4082/202	Animal Physiology II	3 hrs
421.	4083/202	Histology II	3 hrs
422.	4086/202	Histopathology II	3 hrs
423.	4087/202	Chemical Pathology II	3 hrs
424.	4089/202	Food Processing & Preservation	3 hrs
425.	4090/102	Process and Practice of Counsellor Supervision	3 hrs
426.	1904/206	Science Laboratory Techniques practical II	4 hrs
427.	1905/106	Legal Aspects of Nutrition and Dietetics, HIV and AIDS, Introduction to Primary Health Care	3 hrs
428.	1905/206	Maternal and Child Nutrition, Nutrition in the Lifecycle and Nutrition for Vulnerable Groups	3 hrs
429.	2101/306	Production Technology & Metrology	3 hrs
430.	2102/306	Plant Technology & practice	3 hrs
431.	2103/306	Vehicle Technology & Practice	3 hrs
432.	2104/306	Construction Plant Technology	3 hrs
433.	2105/306	Agric. Machines, Implementation & Field Engineering	3 hrs
434.	2106/306	Welding and Fabrication Technology	3 hrs

435.	2107/306	Aircraft Propulsion	3 hrs
436.	2108/306	Foundry Technology & Practice	3 hrs
437.	2201/306	Instrumentation	3 hrs
438.	2203/306	Communication Systems	3 hrs
439.	2204/306	Power Electronics & Micro-processors	3 hrs
440.	2205/306	Computer Applications	3 hrs
441.	2206/306	Transmission of Measurement and Control Signals	3 hrs
442.	2403/306	Technology of Specific Products	3 hrs
443.	2404/306	Laboratory Practice & Management	3 hrs
444.	2407/306		
445.	2411/306		
446.	2405/306	Computing	3 hrs
447.	2413/305	Reactor Engineering & Control	3 hrs
448.	2422/305	Pre-Press Equipment Maintenance & Quality Control	3 hrs
449.	2423/305	Press Equipment Maintenance & Quality Control	3 hrs
450.	2424/305	Post press Equipment Maintenance & Quality Control	3 hrs
451.	2426/103B	Applied Sciences (Microbiology & Parasitology, Anatomy & Physiology)	3 hrs
452.	2427/103		
453.	2502/105	Plant Maintenance	3 hrs
454.	2525/204	Farm Management and Research Methodology	3 hrs
455.	2921/204		
456.	2525/304	Sustainable Agriculture	3 hrs
457.	2921/304		
458.	2923/106	Physical Chemistry	3 hrs
459.	2923/206	Technology Of Inorganic Chemistry Products	3 hrs
460.	2705/105	Building Construction I, Technical Drawing & Construction Plant	3 hrs
461.	2707/105		
462.	2709/105		
463.	2710/105	Building Construction I and Construction Plant	3 hrs
464.	2705/205	Building Construction II and Drawing II	3 hrs
465.	2707/205	Building Construction II, Civil Engineering Construction II & Transportation Engineering I	3 hrs
466.	2805/103	Child Care and Protection	3 hrs
DAY 6			
Monday, JULY 22ND, 2024			
467.	2101/303	Mechanical Technology	3 hrs
468.	2102/303		
469.	2103/303		
470.	2104/303		
471.	2105/303		
472.	2106/303		
473.	2107/303		
474.	2108/303		
475.	2306/303	Building Const. Civil Eng. Constr. & Drawing	3 hrs
476.	2309/303	Materials & Concrete Technology	3 hrs
477.	2310/303	Land Surveying	3 hrs
478.	2311/304		

479.	2403/301	Food Engineering	3 hrs
480.	2405/303	Statistical Methods	3 hrs
481.	2406/303	Principles of Accounts	3 hrs
482.	2407/303	Chemical Pathology	3 hrs
483.	2411/303	Organic Chemistry	3 hrs
484.	2413/303	Industrial Chemical Processes	3 hrs
485.	2422/302	Printing Science & Materials Tech.	3 hrs
486.	2423/302		
487.	2424/302		
488.	2426/302	Food Science & Technology	3 hrs
489.	2427/302		
490.	2428/103	Community Based Organizations, Capacity Building & Empt	3 hrs
491.	2428/203	Advocacy, Lobbying & Legal Aspects in Social Development	3 hrs
492.	2428/303	Social Policy Administration and Disaster Management	3 hrs
493.	2429/303	Pharmaceutics	3 hrs
494.	2501/104	Engineering Drawing I	3 hrs
495.	2508/104		
496.	2502/104	Engineering Drawing I	3 hrs
497.	2503/104		
498.	2509/104		
499.	2505/104	Technical Drawing and Workshop Technology	3 hrs
500.	2525/104	Livestock Enterprise Management I	3 hrs
501.	2921/104		
502.	2525/203	Livestock Enterprise Management II	3 hrs
503.	2921/203		
504.	2525/301	Livestock Enterprise Management III	3 hrs
505.	2921/301		
506.	2528/204	Environmental Analytical Techniques and laboratory Management	3 hrs
507.	2922/204		
508.	2528/304	Environmental Analytical Techniques	3 hrs
509.	2922/304		
510.	2705/103	Structures I and Construction Materials	3 hrs
511.	2707/103		
512.	2709/103		
513.	2710/103	Structures II, Geotechnology II and Concrete Technology II	3 hrs
514.	2705/202		
515.	2707/202		
516.	2709/202		
517.	2710/202	Structures III	3 hrs
518.	2705/302		
519.	2709/302		
520.	2710/302	Structures III	3 hrs
521.	2707/302		
522.	2805/202	Case Management in Child Care and Protection	3 hrs
523.	2805/302	Advocacy and Lobbying	3 hrs
524.	2901/104	Geodynamics, Sedimentology and Stratigraphy	3 hrs

525.	2902/302	Prevention and Treatment Approaches	3 hrs
526.	2902/102	Introduction to Psychology and Lifespan Development	3 hrs
527.	2903/102		
528.	2904/102		
529.	2905/102		
530.	2906/102		
531.	2907/102		
532.	2908/102		
533.	2909/102		
534.	2911/102		
535.	2912/102		
536.	2902/203	Contextual and Multicultural Issues in Counselling and Research Methods	3 hrs
537.	2903/203		
538.	2904/203		
539.	2905/203		
540.	2906/203		
541.	2907/203		
542.	2908/203		
543.	2909/203		
544.	2911/203		
545.	2912/203		
546.	2903/302	Contextual Issues	3 hrs
547.	2904/302	Contextual Issues	3 hrs
548.	2905/302	Contextual and Psychosocial Issues	3 hrs
549.	2906/302	Contextual Issues, Sexuality and Disaster Management	3 hrs
550.	2907/302	Contextual Issues In Marriage and Family Therapy	3 hrs
551.	2908/302	Counselling For Persons With Special Needs and Disabilities	3 hrs
552.	2909/302	Contextual Issues	3 hrs
553.	2910/104	Livestock Enterprise Management I	3 hrs
554.	2910/203	Livestock Enterprise Management II	3 hrs
555.	2914/306	Applied Biology Practical III	4 hrs
556.	2916/106	Food Safety and Hygiene, Food Production for Invalids and Convalescents and Nutrition Anthropology	3 hrs
557.	2916/306	Industrial Organization and management, Product Development, Marketing and Sales.	3 hrs
558.	3080/205	Measurements of Building Works	3 hrs
559.	3081/203	Structures II	3 hrs
560.	3083/203	Highway Engineering II	3 hrs
561.	3084/205	Water Resources	3 hrs
562.	2080/204	Control Systems	3 hrs
563.	2081/204		
564.	2082/204		
565.	2083/204		
566.	2201/304	Control Systems	3 hrs
567.	2203/304		
568.	2204/304		
569.	1314/103	Construction Technologies I	3 hrs

570.	1314/203	Irrigation and Drainage	3 hrs
571.	1405/313	Agricultural Economics & Farm Management	3 hrs
572.	1408/313	Chemistry Techniques	3 hrs
573.	1411/313	Surface Preparations	3 hrs
574.	1412/313	Parasitology & Histology	3 hrs
575.	2404/302	Cytology, Histology & Genetics	3 hrs
576.	3301/212	Land Law, Environment, Physical, Planning Studies & GIS	3 hrs
577.	3302/212	Land Law, Environment, Physical, Planning Studies & GIS	3 hrs
578.	3303/212	Land Law, Environment, Physical, Planning Studies & GIS	3 hrs
579.	3402/102	Management of Human Resources and Guidance and Counselling	3 hrs
580.	3402/203	Research in Education and Training	3 hrs
581.	1901/103	Environmental Health, Safety, Legal and Policy Framework	3 hrs
582.	1901/203	Petroleum Geology & The Fundamentals of Petroleum Exploration & Production	3 hrs
583.	2914/201	Research Methods	3 hrs
584.	2915/201		
DAY 7			
Tuesday, JULY 23RD, 2024			
585.	1080/214	Mechanics of Machines	3 hrs
586.	1405/314	Agricultural Extension Education & Home Economics	3 hrs
587.	1411/314	Press Operations & Maintenance	3 hrs
588.	1412/311	Immunology & Medical Microbiology	3 hrs
589.	1901/105	Engineering Drawing	3 hrs
590.	2201/303	Microprocessor Systems	3 hrs
591.	2203/303		
592.	2206/303		
593.	2204/303	Electrical Power Systems	3 hrs
594.	2205/303	Microprocessor Systems	3 hrs
595.	2207/303	Communication & Navigation System	3 hrs
596.	2208/302	Medical Electronics	3 hrs
597.	2413/304	Thermodynamics and Fluid Mechanics	3 hrs
598.	2416/303	Graphic Reproduction	3 hrs
599.	2417/303		
600.	2418/303		
601.	2521/304	Power Electronics, Machines and Utilization	3 hrs
602.	2601/304		
603.	2601/104	Engineering Drawing , Materials and Workshop Technology	3 hrs
604.	2602/104		
605.	2603/104		
606.	2602/304	Electromagnetic Field Theory & Communication Systems	3 hrs
607.	2603/304	Electromagnetic Field Theory & Networking	3 hrs
608.	2705/104	Surveying I and Workshop Technology (Mechanical)	3 hrs
609.	2707/104		
610.	2709/104		
611.	2710/104		

612.	2805/301	Care for Children with Special needs, Guidance, Mentorship and Self-care.	3 hrs
613.	2901/105	Petroleum Geology and Exploration Techniques	3 hrs
614.	2902/301	Theories Of Addiction Counselling	3 hrs
615.	2902/103	Theories of Counselling I and Counselling skills	3 hrs
616.	2903/103		
617.	2904/103		
618.	2905/103		
619.	2906/103		
620.	2907/103		
621.	2908/103		
622.	2909/103		
623.	2911/103		
624.	2912/103		
625.	2902/201	Theories of Counselling II and Personal Development II	3 hrs
626.	2903/201		
627.	2904/201		
628.	2905/201		
629.	2906/201		
630.	2907/201		
631.	2908/201		
632.	2909/201		
633.	2911/201		
634.	2912/201		
635.	2903/301	Growth and Development	3 hrs
636.	2904/301	Theories and Practice Of Disaster Management and Crisis Intervention	3 hrs
637.	2905/301	Theories, Process and Practice	3 hrs
638.	2906/301	Human Development and Establishing Guidance and Counselling.	3 hrs
639.	2907/301	Theories and Practice In Marriage and Family Therapy	3 hrs
640.	2908/301	Introduction To Persons With Special Needs and Disabilities	3 hrs
641.	2909/301	Christian Sacred Writings I & II (Old And New Testament) and Spirituality and Counselling	3 hrs
642.	2915/106	Analytical Chemistry Practical I	4 hrs
643.	3080/204	Site Organisation, Administration and Work Study	3 hrs
644.	3082/204		
645.	3084/204	Irrigation Engineering	3 hrs
646.	3301/213	Geophysics	3 hrs
647.	3302/213	Remote Sensing	3 hrs
648.	3303/213	Geography	3 hrs
649.	3402/104	Communication, Marketing and Public Relations	3 hrs
650.	2406/301	Front Office Theory	3 hrs
651.	2428/102	Development Economics & Entrepreneurship Education	3 hrs
652.	2428/202	Resource Management HIV/AIDS	3 hrs
653.	2428/305	Community Concerns & Dev. Methodologies	3 hrs
654.	2525/202	Crop Enterprise Management II	3 hrs
655.	2921/202		
656.	2525/302	Agro Processing and Value Addition	3 hrs
657.	2921/302		

658.	1804/103	Child Health and Safety	3 hrs
659.	1804/203	Case Management, Discipline and Behaviour Management	3 hrs
660.	1805/203	History and Government of Kenya	3 hrs
661.	1904/103	Physics Techniques I	3 hrs
662.	1904/203	Physics Techniques II	3 hrs
663.	1905/103	Food Science, Food Safety and Hygiene, Meal Planning Management and Service Practice.	3 hrs
664.	1905/203	Diet Therapy and Demonstration Techniques Practice	3 hrs
665.	2209/102	Computer Applications	3 hrs
666.	2209/202	Programming I	3 hrs
667.	2914/301	Industrial Organization and Management	3 hrs
668.	2915/301		
DAY 8			
Wednesday, JULY 24TH, 2024			
669.	1704/203	Building Construction II & CAD	3 hrs
670.	2301/304	Surveying	3 hrs
671.	2302/304		
672.	2303/304	Applied Hydrology	3 hrs
673.	2304/304	Photogeology	3 hrs
674.	2305/302	Surveying	3 hrs
675.	2307/302		
676.	2308/302		
677.	2306/302	Surveying	3 hrs
678.	2309/302	Construction Technology & Services	3 hrs
679.	2413/302	Industrial Org. & Management	3 hrs
680.	2428/306	Gender Development & Community Leadership	3 hrs
681.	2501/102	Mechanical Science & Electrical Principles	3 hrs
682.	2502/102		
683.	2503/102		
684.	2508/102		
685.	2509/102		
686.	2501/202	Strength of Materials and Mechanics of Machines	3 hrs
687.	2502/202		
688.	2503/202		
689.	2508/202		
690.	2509/202		
691.	2504/102	Marine Engineering & Construction Theory	3 hrs
692.	2504/202	Ship Construction and Cargo Work II	3 hrs
693.	2504/301	Marine Law and Management	3 hrs
694.	2505/102	Marine Electrical and Electronics Technology	3 hrs
695.	2505/202	Maritime Electronics Technology	3 hrs
696.	2505/302	Marine Electrical Technology, Instrumentation and Control Systems	3 hrs
697.	2506/102	Aircraft Electrical Technology	3 hrs
698.	2507/102		
699.	2506/202	Electronics and Control Systems	3 hrs
700.	2507/202		

701.	2506/302	Flight Mechanics	3 hrs
702.	2507/302	Micro Controllers Technology	3 hrs
703.	2521/103	Engineering Science and Drawing	3 hrs
704.	2521/203	Digital and Analogue Electronics	3 hrs
705.	2601/202		
706.	2602/202		
707.	2603/202		
708.	2521/302	Microcontrollers and Microprocessor Systems	3 hrs
709.	2601/302		
710.	2602/302		
711.	2603/302		
712.	2528/103	Environmental Biology	3 hrs
713.	2922/103		
714.	2528/203	Environmental Microbiology	3 hrs
715.	2922/203		
716.	2528/303	Environmental Biochemistry and toxicology	3 hrs
717.	2922/303		
718.	2923/103	Fundamentals of Industrial Chemistry & Laboratory Practice	3 hrs
719.	2923/203	Biochemistry	3 hrs
720.	2923/303	Instrumental Methods of Analysis	3 hrs
721.	2601/102	Physical, Mechanical Science and Electrical Principles	3 hrs
722.	2602/102		
723.	2603/102		
724.	2805/102	Child Growth development and Psychology	3 hrs
725.	2805/203	Children in Juvenile Justice Systems and Behaviour Modification.	3 hrs
726.	2805/304	Principles and Practices of Management	3 hrs
727.	2901/103	Engineering Drawing, W/Shop Technology, Environmental Health and Safety management	3 hrs
728.	2901/203	Rocks, Fluids & Reservoir Geophysics	3 hrs
729.	2901/303	Petroleum Exploration & Drilling	3 hrs
730.	2910/103	Crop Enterprise Management I and Foundations of Sustainable Agriculture	3 hrs
731.	2910/303	Development economics and Agricultural marketing	3 hrs
732.	2914/106	Applied Biology Practical I	4 hrs
733.	2914/203	Ecology and Plant Husbandry	3 hrs
734.	2914/303	Soil Science, Aquarium and Vivarium Techniques	3 hrs
735.	3080/201	Mathematics	3 hrs
736.	3081/201		
737.	3082/201		
738.	3083/201		
739.	4080/207	Management and Statistics	3 hrs
740.	4082/207		
741.	4083/207		
742.	4086/207		
743.	4087/207		
744.	4089/207		

DAY 9			
Thursday, JULY 25TH, 2024			
745.	1804/104	Child Growth and Development	3 hrs
746.	1804/204	Family Reintegration and Community Empowerment	3 hrs
747.	1805/204	Community Health, Administration and Management	3 hrs
748.	1904/104	Chemistry Techniques I	3 hrs
749.	1904/204	Chemistry Techniques II	3 hrs
750.	1905/104	Food Science, Food Safety and Hygiene, Meal Planning Management and Service Theory	3 hrs
751.	1905/204	Diet Therapy (Theory), Nutrition in HIV& AIDS and Management of Malnutrition	3 hrs
752.	2101/304	Engineering Drawing & Design	3 hrs
753.	2102/304	Plant & Work Services Drawing	3 hrs
754.	2103/304	Engineering Drawing & Sketching	3 hrs
755.	2104/304		
756.	2105/304		
757.	2106/304	Engineering Drawing, Pattern Dev. & Design	3 hrs
758.	2107/304	Flight Mechanics	3 hrs
759.	2108/304	Engineering Drawing and Design	3 hrs
760.	2205/304	Quantitative Techniques	3 hrs
761.	2206/304	Measurement Systems	3 hrs
762.	2207/304	Digital Principles & Microprocessors	3 hrs
763.	2305/304	Building Technology & Drawing	3 hrs
764.	2307/304	Soil Mechanics & Hydraulics	3 hrs
765.	2308/304	Soil Mechanics & Hydraulics	3 hrs
766.	2310/304	Cartography	3 hrs
767.	2312/304		
768.	2403/304	Food Microbiology	3 hrs
769.	2404/304	Biochemistry, Anatomy & Physiology	3 hrs
770.	2405/304	Applied Statistics	3 hrs
771.	2407/304	Immunology	3 hrs
772.	2411/304	Chemical Analytical Methods and Biochemistry	3 hrs
773.	2501/106	Tool Room Process Technology I	3 hrs
774.	2501/206	Tool Room Processes Technology II and Metrology	3 hrs
775.	2502/106	Materials and workshop Technology	3 hrs
776.	2503/106		
777.	2509/106		
778.	2505/106	Marine Engineering and Environmental Protection	3 hrs
779.	2505/206	Maritime Law	3 hrs
780.	2506/106	Airframe Structures, Airfield Safety and Procedures	3 hrs
781.	2507/106		
782.	2506/206	Airframe Systems I	3 hrs
783.	2506/306	Data and Computer Networks	3 hrs
784.	2507/306		
785.	2507/206	Communication and Telecommunication Systems	3 hrs
786.	2508/106	Metal Technology and Joining Processes I	3 hrs
787.	2508/206	Metal Technology and Joining Processes II	3 hrs

788.	2709/205	Architectural Landscaping, Graphic design I Architectural Technology	4 hrs
789.	2710/206	Architectural Design and Landscaping	4 hrs
790.	2705/303	Building Construction, Drawing III and Services	3 hrs
791.	2709/303		
792.	2710/303		
793.	2707/303	Building Construction III and Transportation Engineering II	3 hrs
794.	2805/204	Child and Adolescent Counselling and Family Care for Children	3 hrs
795.	2902/304	Psychoactive Substances and Comorbidity	3 hrs
796.	2902/104	Contextual, Ethical and Legal Issues in Counselling	3 hrs
797.	2903/104		
798.	2904/104		
799.	2905/104		
800.	2906/104		
801.	2907/104		
802.	2908/104		
803.	2909/104		
804.	2911/104		
805.	2912/104		
806.	2902/204	Abnormal Behaviour and Psychological Testing	3 hrs
807.	2903/204		
808.	2904/204		
809.	2905/204		
810.	2906/204		
811.	2907/204		
812.	2908/204		
813.	2909/204		
814.	2911/204		
815.	2912/204		
816.	2903/304	Guidance and Counselling Techniques and Psychological Assessment	3 hrs
817.	2904/304	Disaster, Stress and Conflict Management	3 hrs
818.	2905/304	HIV Management	3 hrs
819.	2906/304	Introduction to and Practice of Guidance and Counselling and Mental Health.	3 hrs
820.	2907/304	Sociology and Trends In Marriage and Family Therapy	3 hrs
821.	2908/304	Contextual Issues and Personal Development	3 hrs
822.	2909/304	Christian Counselling Theories, Biblical Doctrine, Major World Religions and African Traditional Religions	3 hrs
823.	2913/104	Agricultural Production and General Microbiology	3 hrs
824.	2915/104	Organic and Inorganic Chemistry I	3 hrs
825.	2915/306	Analytical Chemistry Practical III	4 hrs
826.	2914/204	Biochemistry and Genetics	3 hrs
827.	2914/304	Immunology and Biochemistry	3 hrs
828.	2916/201	Basic Biochemistry and Introduction to Biostatistics.	3 hrs
829.	2916/301	Food Microbiology, Parasitology and Food Security	3 hrs
830.	1080/211	Mathematics	3 hrs

831.	1405/311	Crop Production	3 hrs
832.	1408/311	Laboratory Practice	3 hrs
833.	1411/311	Introduction to Printing Technology	3 hrs
834.	2425/101	Principles of Crop Production I & Soil Science	3 hrs
835.	2425/201	Principles of Crop Production II & Soil Fertility & Plant Nutrition	3 hrs
836.	2425/301	Crop Production III	3 hrs
837.	2426/101 2427/101A	Nutrition, Community Health & Diet Therapy I Practice	3 hrs
838.	2426/201	Nutrition & Diet Therapy II Practice	3 hrs
839.	2427/201A		
840.	2426/301	Diet Therapy III Practice & Theory	3 hrs
841.	2427/301		
842.	3084/201	Soil Mechanics & Foundation Engineering	3 hrs
843.	3301/214	Plane Surveying	3 hrs
844.	3302/214	Image Processing & Interpretation	3 hrs
845.	3303/214	Computer Assisted Cartography	3 hrs
846.	2501/302	Control Systems and Instrumentation	3 hrs
847.	2503/302		
848.	2508/302		
849.	2509/302		
850.	2502/302	Control Systems and Automation	3 hrs
851.	2915/203	Chemical Analytical Methods II and Biochemical Techniques	3 hrs
DAY 10			
Friday, JULY 26TH, 2024			
852.	1080/215	Applied Thermodynamics	3 hrs
853.	1405/315	Agricultural Engineering (Theory)	3 hrs
854.	1412/314	Clinical Chemistry	3 hrs
855.	1901/106	Economics	3 hrs
856.	2080/205	Electrical Power Supply	3 hrs
857.	2081/206	Industrial Electronics	3 hrs
858.	2083/205		
859.	2201/302	Industrial Electronics	3 hrs
860.	2208/303	Clinical Engineering I	3 hrs
861.	2306/304	Measurement of Building and Civil Engineering Works	3 hrs
862.	2309/304	Measurement Specs. & Costing	3 hrs
863.	2313/304	Print Origination	3 hrs
864.	2416/304	Illustration, Packing & Model Making	3 hrs
865.	2417/304	Multimedia Crafts & Draughtsmanship	4 hrs
866.	2418/304		
867.	2422/303	Graphic Design	3 hrs
868.	2423/303		
869.	2424/303		
870.	2425/103	Agricultural Economics I and Extension Education	3 hrs
871.	2425/203	Agricultural Economics II, Extension & Home Economics	3 hrs
872.	2425/303	Farm Business Management & Extension	3 hrs
873.	2429/302	Drug Supply Management	3 hrs
874.	2502/204	Plant Engineering Drawing	3 hrs

875.	2503/204	Engineering Drawing and Design	3 hrs
876.	2509/204		
877.	2501/301	Computer Aided Drawing	3 hrs
878.	2502/301		
879.	2503/301		
880.	2508/301		
881.	2509/301		
882.	2504/104	Navigation I	3 hrs
883.	25041/104	Navigation I	3 hrs
884.	2504/204	Navigation II	3 hrs
885.	25041/204	Navigation II	3 hrs
886.	2504/304	Navigation III	3 hrs
887.	25041/304	Navigation III	3 hrs
888.	2506/104	Engineering Drawing	3 hrs
889.	2507/104		
890.	2506/204	Airfield Safety Procedures II and Research Methods	3 hrs
891.	2507/204		
892.	2506/304	Gas Turbine Engines	3 hrs
893.	2507/304	Aircraft Communication, Surveillance and Navigation Systems	3 hrs
894.	25051/104	Technical drawing and Workshop Technology	3 hrs
895.	25051/204	Engineering Drawing and Design	3 hrs
896.	25051/304	Maritime Conventions and Environment Protection	3 hrs
897.			
898.	2521/104	Electrical Installation and Principles	3 hrs
899.	2528/104	Environmental Laboratory Practice	3 hrs
900.	2922/104		
901.	2910/304	Management of Natural Resources and Community Development	3 hrs
902.	2913/105	Food Engineering I	3 hrs
903.	2521/205	Electrical Power Generation, Transmission & Protection	3 hrs
904.	2601/205		
905.	2521/305	Electrical Power Systems and Electromagnetic Field Theory	3 hrs
906.	2601/305		
907.	2601/105	Electrical and Solar installation Technology	3 hrs
908.	2602/105		
909.	2603/105		
910.	2602/205	Telecommunication Principles and industrial Measurements	3 hrs
911.	2602/305	Data Communication & Networking	3 hrs
912.	2603/205	Instrumentation Systems and Industrial Measurement	3 hrs
913.	2603/305	Industrial Measurements II & Industrial Electronics	3 hrs
914.	2805/105	Introduction to Accounting	3 hrs
915.	2805/305	Financial management	3 hrs
916.	2901/205	Earth science & Wave Theory	3 hrs
917.	2901/305	Remote Sensing	3 hrs
918.	2923/104	Inorganic Chemistry	3 hrs
919.	2923/204	Unit Processes & Quality Assurance	3 hrs
920.	2923/304	Industrial Biotechnology	3 hrs

921.	3080/202	Construction Technology Paper I	3 hrs
922.	3081/204	Concrete and Timber Technology	3 hrs
923.	3082/202	Construction Tech. Concrete Tech & Mechanical Plant	3 hrs
924.	3083/204	Engineering Surveying	3 hrs
925.	3084/202	Fluid Mechanics & Hydraulic Machines	3 hrs
926.	3402/103	Financial Management of Education Institutions	3 hrs
927.	3402/202	Entrepreneurship Education and Project Management	3 hrs
928.	4080/206	Instrumentation II	3 hrs
929.	4082/206	Microbiology II	3 hrs
930.	4083/206	Museum Techniques II	3 hrs
931.	4086/206	Parasitology II	3 hrs
932.	4087/206	Immunology II	3 hrs
933.	4089/206	Food Ingredients, Pest Control & Entomology	3 hrs
934.	1805/103	Kiswahili	3 hrs
935.	1410/201	Social Development Theory Methods, Policy & Administration	3 hrs
936.	2501/204	Engineering Drawing II and Design	3 hrs
937.	2508/204		
938.	2505/204	Engineering Drawing & Design	3 hrs
DAY 11 Monday, JULY 29TH, 2024			
939.	0101/215	Support Subjects	3 hrs
940.	0103/215		
941.	0105/215		
942.	0106/215		
943.	0202/215		
944.	0301/215		
945.	0302/215		
946.	0304/215		
947.	0305/215		
948.	0401/215		
949.	0402/215		
950.	0404/215		
951.	0405/215		
952.	2205/301	Systems analysis & Design	3 hrs
953.	2207/302	Telecommunication Principles	3 hrs
954.	2402/305	Principles and Practice of Management	3 hrs
955.	2404/301	Taxonomy, Ecology, Soil-Study Herbarium, Aquarium and Vivarium	3 hrs
956.	2407/301	Parasitology & Histological Techn.	3 hrs
957.	2411/301	Physical Chemistry	3 hrs
958.	2428/101	Social Work, Theory Practice & Community Development	3 hrs
959.	2428/201	Resource Mobilization, Fund Raising & Project Management	3 hrs
960.	2428/301	Social Psychology & Human Development	3 hrs
961.	2429/301	Social and Administrative Pharmacy	3 hrs
962.	2504/201	Chart Work Practices	3 hrs
963.	2504/302	Ship Stability and Handling	3 hrs
964.	25041/201	Chart work	3 hrs

965.	2505/201	Ship Construction & Naval Architecture II	3 hrs
966.	2505/301	Marine Organisation and Management	3 hrs
967.	25051/201	Ship Stability	3 hrs
968.	25041/301	Marine Organisation and Management	3 hrs
969.	25051/301	Marine Organisation and Management	3 hrs
970.	2506/201	Aircraft Propeller Systems	3 hrs
971.	2506/301	Industrial Organisation and Management	3 hrs
972.	2507/301		
973.	2507/201	Aircraft Instruments and Measurement Systems	3 hrs
974.	2521/202	Industrial Control Systems	3 hrs
975.	2521/303	Industrial management and Engineering Contracts	3 hrs
976.	2601/301		
977.	2602/301		
978.	2603/301		
979.	2528/201	Earth Science and Environmental Information Systems	3 hrs
980.	2922/201		
981.	2528/301	Atmospheric Science	3 hrs
982.	2922/301		
983.	2601/201	Control Systems and Programmable Logic Controllers	3 hrs
984.	2602/201		
985.	2603/201		
986.	2705/204	Measurement of Building and Civil Engineering Works, Estimating and Costing I	3 hrs
987.	2707/204		
988.	2709/204	Measurements of Building Works, Estimating & Costing I and Construction Management I	3 hrs
989.	2710/204		
990.	2710/305	Environmental Planning and Management	3 hrs
991.	2802/201	Hospitality Accounting and Law	3 hrs
992.	2802/301	Human Relations	3 hrs
993.	2920/301		
994.	2803/201	Industrial Organization Management I & Quality Control I	3 hrs
995.	2803/301	Industrial Organization Management II & Quality Control II	3 hrs
996.	2805/201	Legal Instruments for Child Protection	3 hrs
997.	2805/303	Resource Mobilization and Project Management	3 hrs
998.	2830/201	Weaving and Knitting Machinery practical	3 hrs
999.	2830/301	Textile Preparation and Finishing Processes	3 hrs
1000.	2901/202	Research methods	3 hrs
1001.	2901/302	Project Management	3 hrs
1002.	2910/202	Crop enterprise management II	3 hrs
1003.	2910/301	Crop enterprise management III	3 hrs
1004.	2913/201	Food Chemistry I and Food Microbiology I	3 hrs
1005.	2913/302	Food Chemistry II & Food Microbiology II	3 hrs
1006.	2916/205	Introduction to Primary Health Care and Principles of Nutrition and Behaviour	3 hrs
1007.	2916/305	Community Partnership Skills, Nutrition Assessment and Surveillance and Nutrition in Emergency	3 hrs
1008.	3402/201	Trends and Issues in Education and Training	3 hrs
1009.	1401/315	Production Techniques	3 hrs
1010.	1406/315	Front Office Operations Theory	3 hrs

1011.	1408/315	Science Laboratory Practice (Practical)	4 hrs
1012.	1409/311	Fishing Technology	3 hrs
1013.	1410/205	Sociology, Research Methods & Comm. Skill	3 hrs
1014.	1501/204	Technical Drawing II	3 hrs
1015.	1503/204		
1016.	1508/204		
1017.	1509/204		
1018.	1504/105	Marine Engineering & Environment Protection	3 hrs
1019.	15041/105	General Marine Engineering Knowledge	3 hrs
1020.	1505/105	Marine Engineering & Environment Protection	3 hrs
1021.	15051/105	Technical Drawing and Workshop Technology I	3 hrs
1022.	15051/205	Marine Electronic	3 hrs
1023.	1704/103	Building Construction I and Drawing	3 hrs
1024.	1903/105	Food Processing and Preservation I	3 hrs
1025.	1906/105	Principles and Practices of Livestock Production I	3 hrs
1026.	1906/203	Principles and Practices of Livestock Production II	3 hrs
1027.	1908/104	Fish Culture & Nutrition	3 hrs
1028.	2819/104	Accommodation Operations Theory	3 hrs
1029.	2819/201	Accommodation Operations Management I & Law Theory	3 hrs
1030.	2819/301	Accommodation Operations Management II theory	3 hrs
1031.	2920/201	Accounting and Legal aspects	3 hrs
1032.	1102/314	Mechanical Engineering Trade Theory	3 hrs
1033.	1103/314	Motor Vehicle Trade Theory	3 hrs
1034.	1105/314	Agricultural Engineering Trade Theory	3 hrs
1035.	1106/314	Fabrication and Welding Trade Theory	3 hrs
1036.	1301/314	Carpentry and Joinery Craft Theory	3 hrs
1037.	1304/314	Masonry Craft Theory	3 hrs
1038.	1305/314	Plumbing Craft Theory	3 hrs
1039.	1308/314	Land Surveying Theory	3 hrs
1040.	1309/314	Road Construction Tech. & Drawing	3 hrs
1041.	1501/105	Fabrication Technology, Materials and metallurgy	3 hrs
1042.	1503/105	Vehicle Technology, Workshop Technology and Vehicle bodywork	3 hrs
1043.	1508/105	Fabrication and Welding Technology, Materials and Metallurgy I	3 hrs
1044.	1509/105	Workshop Technology, Engine Technology and Construction Plant I	3 hrs
1045.	1521/205	Electrical Installation II, Estimating, Tendering, Industrial Machines and Controls	3 hrs
1046.	1601/205		
1047.	1522/205	Telecommunication Systems	3 hrs
1048.	1602/205		
1049.	1601/105	Electrical and Solar Installation Technology	3 hrs
1050.	1602/105		
1051.	2426/104	Food & Beverage Production & Service	3 hrs
1052.	2427/104		
1053.	2427/203	Computer Applications	3 hrs
1054.	2506/107	Aircraft Piston engines	3 hrs
1055.	2507/107		

1056.	2916/104	Diet Therapy I, Principles of Human Nutrition, Introduction to Nutrition and Dietetics, Anatomy and Physiology Theory	3 hrs
1057.	2401/303	Garment Cutting & Making Tech. Theory	3 hrs
1058.	2406/103	Principles and Practice of Management	3 hrs
1059.	2406/203	Applied Science	3 hrs
1060.	2802/103	Food and Beverage Production Theory	3 hrs
1061.	2803/103	Art, Fashion Design & Sketching and Cutting Technology I	3 hrs
1062.	2830/104	Spinning Processes and Machinery	3 hrs
1063.	2920/103	Baking Control I and Mathematics	3 hrs
1064.	1080/218	Production Engineering II	3 hrs
1065.	1080/220	Plant Engineering II	3 hrs
1066.	1080/222	Automobile & Prime Movers Engineering II	3 hrs
1067.	1805/105	Foundations of Accounting	3 hrs
1068.	1801/103	Workshop Organisation Management and General Information	3 hrs
1069.	1504/203	Mathematics & Applied Science II	3 hrs
1070.	1505/203		
1071.	15041/203	Mathematics II	3 hrs
1072.	2914/103	Laboratory and Workshop Practice	3 hrs
1073.	2915/103		
1074.	2915/303	Industrial Chemistry II and Quality Assurance	3 hrs
DAY 12			
Tuesday, JULY 30TH, 2024			
1075.	0101/214	Applied Geometry	3 hrs
1076.	0103/214		
1077.	0105/214		
1078.	0106/214		
1079.	0202/214		
1080.	0301/214		
1081.	0302/214		
1082.	0304/214		
1083.	0305/214		
1084.	0401/214		
1085.	0404/214		
1086.	0405/214		
1087.	0504/102	Technical Drawing & Engineering Science	2 ½ hrs
1088.	0504/202	Technical Drawing & Engineering Science	2 ½ hrs
1089.	05041/102	Mathematics I and Applied Science I	2 ½ hrs
1090.	05041/202	Mathematics II and Applied Science II	2 ½ hrs
1091.	1080/213	Strength & Properties of Materials	3 hrs
1092.	1102/312	Technical Drawing	3 hrs
1093.	1103/312		
1094.	1105/312		
1095.	1106/312		
1096.	1202/315	Electrical Maintenance & Fault Diagnosis	3 hrs
1097.	1204/312	Electronic Instruments & Fault Diagnosis (Theory)	3 hrs
1098.	1301/312	Technical Drawing	3 hrs
1099.	1304/312		

1100.	1305/312		
1101.	1308/312	Survey Drawing	3 hrs
1102.	1309/312	Soil Mechanics & Engineering Materials	3 hrs
1103.	1314/102	Water and Waste Water I	3 hrs
1104.	1314/202	Water and Waste Water II	3 hrs
1105.	1401/312	Pattern Drafting and Grading Practical	4 hrs
1106.	1404/311	Principles of Leather Manufacture	3 hrs
1107.	1501/104	Technical Drawing I	3 hrs
1108.	1508/104		
1109.	1509/104		
1110.	1503/104	Technical Drawing I	3 hrs
1111.	1504/104	Cargo Work	3 hrs
1112.	15041/104	Seamanship	3 hrs
1113.	15041/205	Watch keeping Practices and Meteorology	3 hrs
1114.	1505/104	Technical Drawing & Workshop Technology	3 hrs
1115.	1505/204	Workshop Technology	3 hrs
1116.	15051/104	Marine Engineering Knowledge I	3 hrs
1117.	15051/204	Marine Engineering Knowledge II	3 hrs
1118.	1907/102	Food Science & Nutrition	3hrs
1119.	1802/102		
1120.	1819/102		
1121.	1907/202	Baking Control	3 hrs
1122.	1521/102	Mathematics & Trade Science I	3 hrs
1123.	1522/102		
1124.	1521/204	Micro-Electronics, Electrical Principles II, Electrical Maintenance And Fault Diagnosis	3 hrs
1125.	1601/204		
1126.	1522/204	Micro Electronics, Electrical Principles and Fault Diagnosis	3 hrs
1127.	1602/204		
1128.	1601/102	Applied Science, Electrical Principles I and Electronics	3 hrs
1129.	1602/102		
1130.	1801/104	Textile Material Knowledge and Fabric Colouration Theory	3 hrs
1131.	1801/202	Garment Cutting and Making Theory, Pattern Drafting II and Grading	4 hrs
1132.	1802/202	Food and Beverage Control and Catering Premises & Equip	3 hrs
1133.	1804/102	Fundamentals in Childcare and Protection.	3 hrs
1134.	1804/202	Legal Framework in Childcare Protection	3 hrs
1135.	1805/102	Sociology, Social Policy and Administration	3 hrs
1136.	1805/202	Introduction to Community Development	3 hrs
1137.	1901/102	Earth and Physical Sciences	3 hrs
1138.	1901/202	Exploration Geophysics & Seismic Techniques	3 hrs
1139.	1903/102	Applied Science and Laboratory Practice	3 hrs
1140.	1903/202	Food Chemistry and Food Microbiology	3 hrs
1141.	1904/102	Principles of Laboratory & Workshop Practice I	3 hrs
1142.	1904/202	Principles Laboratory & Workshop Practice II	3 hrs
1143.	1905/102	Applied Physical Sciences, Applied Biological Sciences, Anatomy and Physiology	3 hrs
1144.	1905/202	Community Diagnosis & Mobilization, Introduction to Nutrition Surveillance and Nutrition in Emergency	3 hrs
1145.	1906/102	Applied Science	3 hrs

1146.	1906/205	Agricultural Economics, Farm Management and Extension	3 hrs
1147.	1908/102	Fish Biology & Aquatic Ecology	3 hrs
1148.	1908/202	Fisheries Resource Management & Marketing	3 hrs
1149.	1501/205	Production Processes Technology	3 hrs
1150.	1503/205	Engine Technology and Auto-Electrics	3 hrs
1151.	1508/205	Fabrication and Welding Technology I, Materials & Metallurgy II	3 hrs
1152.	1509/205	Vehicle Technology and Construction Plant II	3 hrs
1153.	1704/105	Site Management and Construction Plant	3 hrs
1154.	2506/207	Theory of Flight	3 hrs
1155.	2506/307	Airframe Systems II and Airfield Safety III	3 hrs
1156.	2507/207	Electric Circuit Analysis	3 hrs
1157.	2507/307	Automatic Pilot System and Airfield Safety & Procedures III	3 hrs
1158.	2916/204	Introduction to Microbiology, First Aid and Principles of Food Processing and Preservation	3 hrs
1159.	2916/304	Communicable and Non-Communicable Diseases and Nutrition Epidemiology	3 hrs
1160.	1410/202	Law, History & Government	3 hrs
1161.	2402/303	Food and Beverage Service & Sales Theory	3 hrs
1162.	2419/303		
1163.	2802/203	Food And Beverage Control Theory	3 hrs
1164.	2802/303	Principles and Practice of Management	3 hrs
1165.	2819/303		
1166.	2920/303		
1167.	2803/203	Fashion Design & Sketching II and Cutting Technology II Theory	3 hrs
1168.	2803/303	Fashion Marketing	3 hrs
1169.	2819/103	Food & Beverage Service and Control Theory	3 hrs
1170.	2830/204	Fabric Design and Analysis	3 hrs
1171.	2830/303	Fabric Processing, Machinery and Textile Design	3 hrs
1172.	2920/202	Baking control and Baking Material Science	3 hrs
1173.	1403/311	Food Engineering	3 hrs
1174.	2401/301	Pattern Drafting & Grading Practical	4 hrs
1175.	25041/102	Ship construction	3 hrs
1176.	25041/202	Ship stability	3 hrs
1177.	25041/302	Marine Technology	3 hrs
1178.	25051/102	Marine Electrical Technology I	3 hrs
1179.	25051/202	Marine Electrical Technology II	3 hrs
1180.	25051/302	Marine Instrumentation Control Engineering	3 hrs
1181.	2830/103	Introduction To Textile Technology, Spinning Preparation and Quality Control	3 hrs
1182.	2913/205	Food Engineering II	3 hrs
1183.	2913/305	Food Engineering III & Technology of Specific Products II	3 hrs
1184.	2916/105	Legal Aspects of Nutrition, HIV & AIDS, Nutrition in HIV & AIDS, Maternal and Child Health	3 hrs
1185.	3080/203	Construction Technology Paper II	3 hrs
1186.	3081/202	Structures I	3 hrs
1187.	3082/203	Structures Including Highways Eng.	3 hrs
1188.	3084/203		
1189.	3083/202	Highway Engineering I	3 hrs

DAY 13			
Wednesday, JULY 31 ST , 2024			
1190.	0501/101	General Education (Engineering) I	1 hr
1191.	0516/101		
1192.	0503/101		
1193.	0505/101		
1194.	0601/101		
1195.	0701/101		
1196.	0702/101		
1197.	0501/201	General Education (Engineering) II	1 hr
1198.	0503/201		
1199.	0505/201		
1200.	0601/201		
1201.	0701/201		
1202.	0702/201		
1203.	0602/101	General Education (Science) I	1 hr
1204.	0801/101		
1205.	0901/101		
1206.	0902/101		
1207.	0903/101		
1208.	0904/101		
1209.	0920/101		
1210.	0602/201	General Education I (Science) Level II	1 hr
1211.	0801/201		
1212.	0901/201		
1213.	0902/201		
1214.	0903/201		
1215.	0904/201		
1216.	0920/201		
1217.	1410/206	Kiswahili	3 hrs
1218.	1410/208/1	Kenyan Sign Language (KSL) Receptive Skills ans Grammer	3 hrs
1219.	1804/206	Leadership and Management	3 hrs
1220.	1805/108/1	Kenyan Sign language- Receptive skills	3 hrs
1221.			
1222.	2206/308	Aeronautics	3 hrs
1223.	2208/306	Hospital Engineering I and II	3 hrs
1224.	2301/306	Water Supply	3 hrs
1225.	2302/306	Waste Water	3 hrs
1226.	2303/306	Water Conservation	3 hrs
1227.	2304/306	Drilling, Mechanical and Electrical Technology	3 hrs
1228.	2305/306	Construction Management	3 hrs
1229.	2306/306	Construction Management	3 hrs
1230.	2307/306	Civil Engineering, Construction & Drawing	3 hrs
1231.	2308/306	Traffic Engineering	3 hrs
1232.	2309/306	Construction Management and Law	3 hrs
1233.	2310/306	Photogrammetry	3 hrs
1234.	2311/306	Topographic & Cadastral Cartography	3 hrs

1235.	2312/306	Survey Control & Engineering Survey	3 hrs
1236.	2313/306	Machine Printing & Print Finishing	3 hrs
1237.	2401/306	Fashion Design	3 hrs
1238.	2420/203	Bakery Control, Principles of Accounts & Communication Skills	3 hrs
1239.	2420/303	Principles & Pract. of Mgnt & Mktg; Legal Aspect of bakery Ind.	3 hrs
1240.	2428/304	Transformation & Social Marketing	3 hrs
1241.	2710/205	History of Architecture	3 hrs
1242.	2705/304	Construction Management II, Estimating and Costing II	3 hrs
1243.	2707/304		
1244.	2709/304		
1245.	2710/304		
1246.	2803/204	Pattern Construction II and Grading techniques I Practical	4 hrs
1247.	2910/204	Farm Management and Agricultural Extension	3 hrs
1248.	2914/305	Microbiology and Parasitology II	3 hrs
1249.	2915/206	Analytical Chemistry Practical II	4 hrs
1250.	25041/105	Seamanship and Meteorology	3 hrs
1251.	25041/205	Cargo handling and stowage	3 hrs
1252.	25041/305	Ship masters business and law	3 hrs
1253.	25051/105	Ship Construction	3 hrs
1254.	25051/205	Applied Mechanics	3 hrs
1255.	25051/305	Applied Thermodynamics and Fluid Mechanics	3 hrs
1256.	2802/304	Food and Beverage Service and Sales Management Theory	3 hrs
1257.	2819/304		
1258.	0401/211A	Pattern Drafting Practical	4 hrs
1259.	0504/104	Marine Engineering I	2½ hrs
1260.	0504/201	Marine Engineering II	2½ hrs
1261.	05041/104	General Marine Engineering knowledge I	2½ hrs
1262.	05041/204	General Marine Engineering knowledge II	2½ hrs
1263.	1080/217	Production Engineering I	3 hrs
1264.	1080/219	Plant Engineering I	3 hrs
1265.	1080/221	Automobile & Prime Movers Engineering I	3 hrs
1266.	1402/312	Food & Beverage Control Theory	3 hrs
1267.	1403/312	Food Microbiology & Food Chemistry	3 hrs
1268.	1404/312	Leather Production	3 hrs
1269.	1408/312	Physics Techniques	3 hrs
1270.	1409/312	Fish Handling, Processing & Preservation	3 hrs
1271.	1601/104	Technical Drawing	3 hrs
1272.	1602/104		
1273.	1704/104	Carpentry and Construction Materials I	3 hrs
1274.	1704/204	Building Services, Joinery & Construction Materials II	3 hrs
1275.	1819/105	Food & Beverage Service, First Aid and Home Nursing theory	3 hrs
1276.	1908/105	Food Processing & Preservation	3 hrs
1277.	1908/203	Fish Post-Harvest Management & Q.A	3 hrs
1278.	1102/313	Workshop Organization & Management	3 hrs
1279.	1103/313		
1280.	1105/313		
1281.	1106/313		

1282.	1202/312	Electrical Principles	3 hrs
1283.	1204/314	Electrical Engineering Principles	3 hrs
1284.	1501/102	Mechanical Science I and Electrical Principles	3 hrs
1285.	1508/102		
1286.	1509/102		
1287.	1501/202	Workshop Organisation and Management	3 hrs
1288.	1503/202		
1289.	1508/202		
1290.	1509/202		
1291.	1503/102	Applied Science, Electrical and Electronics Principles	3 hrs
1292.	1504/102	Seamanship I	3 hrs
1293.	1504/202	Seamanship & Management	3 hrs
1294.	15041/102	Ship construction	3 hrs
1295.	15041/202	Cargo Handling and Stowage	3 hrs
1296.	1505/102	Ship Construction & Naval Architecture I	3 hrs
1297.	1505/202	Ship Construction & Naval Architecture II	3 hrs
1298.	15051/102	Introduction to Ship Construction and Naval Architecture	3 hrs
1299.	15051/202	Ship Construction and Workshop Technology	3 hrs
1300.	1521/202	Workshop Organisation and Management	3 hrs
1301.	1522/202		
1302.	1601/202		
1303.	1602/202		
1304.	1903/104	Food Engineering I	3 hrs
1305.	1903/204	Food Processing and Preservation II	3 hrs
1306.	1906/104	Principles and Practices of Crop Production I, Seed Production and Soil Science	3 hrs
1307.	1906/202	Principles and Practices of Crop Production II	3 hrs
1308.	2402/302	Food & Beverage Production Theory	3 hrs
1309.	2419/302	Food & Beverage Production Theory	3 hrs
1310.	2525/101	ICT, Communication Skills and Entrepreneurship	3 hrs
1311.	2528/101		
1312.	2802/101		
1313.	2803/101		
1314.	2805/101		
1315.	2819/101		
1316.	2830/101		
1317.	2901/101		
1318.	2902/101		
1319.	2903/101		
1320.	2904/101		
1321.	2905/101		
1322.	2906/101		
1323.	2907/101		
1324.	2908/101		
1325.	2909/101		
1326.	2910/101		
1327.	2911/101		
1328.	2912/101		

1329.	2913/101		
1330.	2914/101		
1331.	2915/101		
1332.	2916/101		
1333.	2920/101		
1334.	2921/101		
1335.	2922/101		
1336.	2923/101	Communication and Life skills, ICT, and Entrepreneurship	3 hrs
1337.	2923/201	Statistics And Research Methodology	3 hrs
1338.	2923/301	Product Development, Industrial Organization & Management	3 hrs
1339.	2913/203	Technology of Specific Products I	3 hrs
1340.	2913/304	Food Analysis & Instrumentation	3 hrs
DAY 14			
Thursday, AUGUST 1ST, 2024			
1341.	0101/213	Trade Theory	2½ hrs
1342.	0103/213	Trade Theory	2½ hrs
1343.	0105/213	Trade Theory	2½ hrs
1344.	0106/213	Trade Theory	2½ hrs
1345.	0202/213	Trade Theory	2½ hrs
1346.	0301/213	Trade Theory	2½ hrs
1347.	0302/213	Trade Theory	2½ hrs
1348.	0304/213	Trade Theory	2½ hrs
1349.	0305/213	Trade Theory	2½ hrs
1350.	0401/213	Trade Theory	2½ hrs
1351.	0402/213	Trade Theory	2½ hrs
1352.	0404/213	Trade Theory	2½ hrs
1353.	0405/213	Trade Theory	2½ hrs
1354.	0501/102	Metal Processing Technology Theory I	2 hrs
1355.	0501/202	Metal Processing Technology Theory II	2 hrs
1356.	0503/102	Motor Vehicle Technology Theory I	2 hrs
1357.	0503/202	Motor Vehicle Technology Theory II	2 hrs
1358.	0504/103	Seamanship & Environment Protection	2 ½ hrs
1359.	0504/203	Seamanship & Cargo II	2 ½ hrs
1360.	05041/103	Seamanship and Boat Handling Practices	2 ½ hrs
1361.	05041/203	Cargo Handling and Stowage	2 ½ hrs
1362.	0505/102	Refrigeration & Air Conditioning Theory I	2 hrs
1363.	0505/202	Refrigeration & Air Conditioning Theory II	2 hrs
1364.	0601/102	Electrical & Electronics Technology Theory I	2 hrs
1365.	0601/202	Electrical and Electronics Trade Theory II	2 hrs
1366.	0701/102	Appropriate Carpentry Trade Theory I	2 hrs
1367.	0701/202	Appropriate Carpentry Trade Theory II	2 hrs
1368.	0702/102	Building Technology Theory I	2 hrs
1369.	0702/202	Building Technology Theory	2 hrs
1370.	0801/102	Fashion Design & Garment Making Theory I	2 hrs
1371.	0801/202	Fashion Design and Garment Making Trade Theory II	2 hrs
1372.	0602/102		
1373.	0920/104	Information Communication Technology Theory I	2 hrs

1374.	0602/202	ICT Trade Theory II	2 hrs
1375.	0920/204		
1376.	0901/102	Hair Dressing & Beauty Therapy Theory I	2 hrs
1377.	0901/202	Hair Dressing & Beauty Therapy Theory II	2 hrs
1378.	0902/102	Food Processing Technology I Theory	2 hrs
1379.	0902/202	Food Processing Technology II Theory	2 hrs
1380.	0903/102	Leather Technology I Theory	2 hrs
1381.	0903/202	Leatherwork Technology Theory II	2 hrs
1382.	0904/102	Agri-business Trade Theory I	2 hrs
1383.	0904/202	Agri-business Trade Theory II	2 hrs
1384.	1080/216	Fluid Mechanics`	3 hrs
1385.	1801/102	Art, Fashion Design & Sketching and Pattern Drafting I	4hrs
1386.	2080/206	Machines & Utilization	3 hrs
1387.	2083/206		
1388.	2082/206	Communication Systems	3 hrs
1389.	2101/305	Materials & Metallurgy	3 hrs
1390.	2102/305	Plant Electrical & Instrumentation	3 hrs
1391.	2103/305	Engine & Auto Elec. Tech & Practical	3 hrs
1392.	2104/305	Engine & Vehicle Technology (Theory & Practice)	3 hrs
1393.	2105/305	Tractors & Power Units Post Harvest Technology	3 hrs
1394.	2106/305	Material Science & Metallurgy	3 hrs
1395.	2107/305	Airframe Technology	3 hrs
1396.	2108/305	Material Science & Metallurgy	3 hrs
1397.	2413/306	Unit Operations	3 hrs
1398.	2419/306	Accommodation Operations & Property Management	3 hrs
1399.	2422/306	Text Generation	3 hrs
1400.	2423/306	Machine Printing	3 hrs
1401.	2424/306	Box, Carton Manufacture and Packing	3 hrs
1402.	2502/205	Plant Electrical and Instrumentation	3 hrs
1403.	2913/103	Laboratory and Workshop Practice I	3 hrs
1404.	2429/306A	Pharmacology & Therapeutics Theory	3 hrs
1405.	2914/202	Taxonomy, Anatomy and Physiology	3 hrs
1406.	2915/304	Organic and inorganic Chemistry III	3 hrs
1407.	2923/107	Industrial Chemistry I Practice	4 hrs
1408.	2923/207	Industrial Chemistry II Practice	4 hrs
1409.	2923/306	Industrial Chemistry III Practice	4 hrs
1410.	3081/205	Hydraulics, Geology & Soil Mechanics	3 hrs
1411.	3082/205		
1412.	3083/205		
1413.	1504/204	Navigation	3 hrs
1414.	15041/204	Terrestrial and Coastal Navigation	3 hrs
1415.	1805/104	Legal Aspects in social work	3 hrs
1416.	2401/304	Textile Science	3 hrs
1417.	2402/304	Principles of Accounts	3 hrs
1418.	25041/206	Watch keeping practices (Theory)	3 hrs
1419.	25051/106	General Marine and Motor Engineering knowledge I	3 hrs
1420.	25051/206	General Marine Engineering Knowledge II	3 hrs

1421.	25051/306	Motor Engineering Knowledge II	3 hrs
1422.	2508/306	Welding Processes	3 hrs
1423.	2705/203	Construction Management I and Workshop Technology II	3 hrs
1424.	2707/203	Construction Management I, Workshop Technology II & Water Supply	3 hrs
1425.	2709/203	Building Construction II, Workshop Technology II	3 hrs
1426.	2710/203		
1427.	2913/204	Food Processing and Preservation I	3 hrs
1428.	2913/303	Food Processing and Preservation II	3 hrs
1429.	2914/104	Taxonomy, Cytology and Microbiology	3 hrs
1430.	2915/204	Organic and inorganic Chemistry II	3 hrs
1431.	1202/313	Electrical Installation Technology	3 hrs
1432.	1204/315	Electronic Technology	3 hrs
1433.	1301/313	Site & Workshop Management	3 hrs
1434.	1304/313		
1435.	1305/313		
1436.	1308/313	Work Planning & Management	3 hrs
1437.	1309/313	Site Management	3 hrs
1438.	1401/313	Garment Designing, Cutting & Making Theory	3 hrs
1439.	1402/313	Food & Beverage Service Theory	3 hrs
1440.	1403/313	Food Processing & Preservation I	3 hrs
1441.	1404/313	Leather Goods Production	3 hrs
1442.	1406/313	Housekeeping & Maintenance Theory	3 hrs
1443.	1409/313	Food Chemistry, Microbiology & Engineering	3 hrs
1444.	1410/203	Project Dev., Management, Econ. & Admin.	3 hrs
1445.	1501/103	Mathematics I	3 hrs
1446.	1508/103		
1447.	1509/103		
1448.	1501/203	Mathematics II and Mechanical Science II	3 hrs
1449.	1508/203		
1450.	1509/203		
1451.	1503/103	Mathematics I	3 hrs
1452.	1503/203	Mathematics II	3 hrs
1453.	1504/103	Mathematics & Applied Science I	3 hrs
1454.	1505/103		
1455.	1521/103	Electrical and Electronic Technology	3 hrs
1456.	1521/203	Mathematics II	3 hrs
1457.	1522/203	Mathematics II	
1458.	1601/203	Mathematics II	
1459.	1602/203	Mathematics II	
1460.	1601/103	Mathematics I	3 hrs
1461.	1602/103		
1462.	1704/102	Mathematics I and Physical Science	3 hrs
1463.	1704/202	Mathematics II	3 hrs
1464.	1907/103	Baking & Confectionary Making I Theory	3 hrs
1465.	1907/203	Baking & Confectionary Making II Theory	
1466.	1819/201	House Keeping and Front office Theory	3 hrs
1467.	2406/102	House Keeping Management Theory	3 hrs

1468.	2830/203	Industrial Organisation and Management and Quality Control in Knitting and Weaving	3 hrs
1469.	2830/304	Industrial Organization and Management II	3 hrs
1470.	1802/103	Food and Beverage Production Theory	3 hrs
1471.	1802/203	Food and Beverage Service and Sales Theory	3 hrs
1472.	1819/103	Food & Beverage Production and Control Theory	3 hrs
1473.	1903/103	Agricultural Production and Microbiology	3 hrs
1474.	1903/203	Food Engineering II	3 hrs
1475.	1906/103	Foundations of Sustainable Ecological Agriculture and Occupational Safety	3 hrs
1476.	1906/204	Appropriate Technology, Agro-Processing and Value Addition	3 hrs
1477.	1908/103	Food Chemistry & Microbiology	3 hrs
1478.	15041/103	Mathematics I and Applied science I	3 hrs
1479.	15051/103		
1480.	15051/203	Mathematics II and Applied science II	3 hrs
1481.	1908/204	Fish Technology	3 hrs
1482.	2802/102	Catering Premises, Equipment and Mathematics	3 hrs
1483.	2802/202	Nutrition, Diet Therapy and Home Nursing	3 hrs
1484.	2802/302	Sales and marketing	3 hrs
1485.	2920/302		
1486.	2803/102	Textile Science and Clothing Construction I Theory	3 hrs
1487.	2803/304	Pattern Construction III and Grading techniques II Practical	4 hrs
1488.	2819/202	Diet Therapy, Hospitality Accounting & Control II Theory	3 hrs
1489.	2920/102	Food Science and Nutrition	3 hrs
DAY 15			
Friday, AUGUST 2ND, 2024			
1490.	0504/101	Entrepreneurship and Communication Technology	2½ hrs
1491.	05041/101	Entrepreneurship and Communication Technology	2½ hrs
1492.	05041/201	Communications and Life Skills	2½ hrs
1493.	1501/101	ICT and Entrepreneurship	3 hrs
1494.	1503/101		
1495.	1508/101		
1496.	1509/101		
1497.	1601/101		
1498.	1602/101		
1499.	1704/101		
1500.	1501/201	Communication Skills	3 hrs
1501.	1503/201		
1502.	1508/201		
1503.	1509/201		
1504.	1521/201		
1505.	1522/201		
1506.	1601/201		
1507.	1602/201		
1508.	1704/201		
1509.	1504/101	Entrepreneurship & Communication Technology	3 hrs
1510.	1504/201	Ship Construction & Stability	3 hrs

1511.	15041/101	Entrepreneurship and Communication Technology	3 hrs
1512.	15051/101		
1513.	1505/101	Entrepreneurship & Communication Technology	3 hrs
1514.	1505/201	Marine Engineering & Management	3 hrs
1515.	15041/201	Communication skills and Fundamentals of Management	3 hrs
1516.	15051/201		
1517.	1907/101	ICT, Mathematics and Entrepreneurship	3 hrs
1518.	1801/101		
1519.	1802/101		
1520.	1803/101		
1521.	1804/101		
1522.	1805/101		
1523.	1819/101		
1524.	1901/101		
1525.	1903/101		
1526.	1904/101		
1527.	1905/101		
1528.	1906/101		
1529.	1908/101		
1530.	1801/201		
1531.	1802/201		
1532.	1803/201		
1533.	1804/201		
1534.	1805/201		
1535.	1901/201		
1536.	1903/201		
1537.	1904/201		
1538.	1905/201		
1539.	1906/201	Material Science	3 hrs
1540.	1907/201		
1541.	1908/201	Food Processing and Preservation II	3 hrs
1542.	1401/314		
1543.	1403/314	Footwear Goods Production	3 hrs
1544.	1404/314	Laundry Theory	3 hrs
1545.	1406/314	Biology Techniques	3 hrs
1546.	1408/314	Fisheries Management, Marketing & Utilization	3 hrs
1547.	1409/314	Human Growth, Development & Community Health	3 hrs
1548.	1410/204	Laundry, Catering and Accommodation Premises Theory	3 hrs
1549.	1819/202	Food & Beverage Control	3 hrs
1550.	2402/306	Laundry and Dry Cleaning Theory	3 hrs
1551.	2406/202	Principles of Accounting & Management	3 hrs
1552.	2419/304	Bread Making & Flour Conf. Theory II	3 hrs
1553.	2420/202	Bread Making & Flour Conf. Theory III	3 hrs
1554.	2420/302	Food and Beverage Service Theory	3 hrs
1555.	2802/104	Food Production Management Theory	3 hrs
1556.	2802/204		
1557.	2819/204		

1558.	2803/104	Pattern Construction I Practical	4 hrs
1559.	2913/301	Product Development, Industrial Organization & Management	3 hrs
1560.	2920/104	Baking I Theory	3 hrs
1561.	2920/203	Baking II Theory (Bread & Confectionery)	3 hrs
1562.	2920/304	Baking III Theory (Bread and Confectionery)	3 hrs
1563.	25041/103	Mathematics I and Applied science	3 hrs
1564.	25051/103		
1565.	25041/203	Mathematics II	3 hrs
1566.	25051/203	Engineering Mathematics II	3 hrs
1567.	25041/303	Ship board operations and marine environment	3 hrs
1568.	25051/303	Engineering Mathematics III	3 hrs
1569.	2830/102	Mathematics I, Physics and Technical Drawing	3 hrs
1570.	2830/202	Mathematics II	3 hrs
1571.	2830/302	Dyeing and Printing technology	3 hrs
1572.	2913/202	Food Analysis and Quality Assurance	3 hrs
1573.	2914/102	Mathematics and Applied Science	3 hrs
1574.	2915/102		
1575.	2915/202	Industrial Chemistry I and Instrumental Methods of Analysis I	3 hrs
1576.	2915/302	Instrumental Methods II and Biochemistry	3 hrs
1577.	2401/305	Industrial Org. & Management	3 hrs
1578.	1102/311	Mathematics & Engineering Science	3 hrs
1579.	1103/311		
1580.	1105/311		
1581.	1106/311		
1582.	1202/311	Mathematics	3 hrs
1583.	1204/311	Mathematics	3 hrs
1584.	1301/311	Mathematics	3 hrs
1585.	1304/311		
1586.	1305/311		
1587.	1309/311		
1588.	1308/311	Mathematics	3 hrs
1589.	1402/311	Food & Beverage Production Theory	3 hrs
1590.	2803/202	Textile Science II and Clothing Construction II Theory	3 hrs
1591.	2803/302	Clothing Construction III Theory	3 hrs
1592.	2819/102	Food & Beverage Production ,Nutrition & Mathematics	3 hrs

3.0 INSTRUCTION TO SUPERVISORS, TEACHERS AND CANDIDATES

- 3.1 Supervisors are asked to take all necessary steps to ensure that the following instructions are brought to the notice of the Teachers and Candidates under examination.
- 3.2 Teachers are advised to ensure that their students are carefully drilled on how to carry out the instructions given below and that candidates are aware of the penalties for irregularities or misconduct. Candidates are required to follow these instructions carefully.

4.0 GENERAL INSTRUCTIONS TO CANDIDATES

- 4.1 Be at your seat in the Examination Room five minutes before the time fixed for the examination in the various papers. All sessions will normally start at 8.00 a.m.

- 4.2 A candidate who arrives late will be required to give a satisfactory reason to the supervisor. Except in exceptional circumstances, a paper will not be given to any candidate who is more than half an hour late. Absolute punctuality is essential for certain papers, e.g. Shorthand.
- 4.3 If an examination paper for which you are not registered for is handed to you, or if the questions indicate that a map or other material should also have been given out, speak to the supervisor at once.
- 4.4 Attend carefully to any general directions that may be given at the head of a paper, e.g. directions limiting the number of questions that should be answered.
- 4.5 Write your name, your index number as well as the name of the paper on the first page of each answer book or sheet of each set of papers you use. Thereafter, your index number must be written in clear figures in the space provided on every sheet or page of answer book.
- 4.6 Write on both sides of the paper, but do not use the margins. Begin the answer to each separate part of a question on a fresh line.
- 4.7 Write the number of the question clearly in the left-hand margin at the beginning of each answer. Do not copy the question. Be careful to use the same system of numbering as appears in the question paper. Leave a blank line after the answer to each question.
- 4.8 Write your answers with black or blue ink. You may use a fountain pen or ball point pen. Pencils should only be used for diagrams. Remember that handwriting and spelling will be taken into account. Bring mathematical and drawing instruments for subjects for which they will be needed.
- 4.9 Read the questions carefully. A lot of time may be wasted in writing down information that is not asked for and no marks are given for it.
- 4.10 Do not write so much upon one or two questions as to leave yourself no time to answer others, which you are able to answer.
- 4.11 As soon as notice is given to stop, **arrange your answer book and sheets in the correct order** (this is normally the order in which you answered the questions). Make sure that they all have your index number written upon them. Fasten them together at the left-hand corner and hand them **unfolded** to the supervisor.
- 4.12 Withdrawal from the examination should have been notified to the Council before any papers of the examination are taken.

5.0 CAUTION TO THE CANDIDATES

- 5.1 You are not allowed to leave the examination room before the end of the period allocated to the paper except by special permission of the supervisor. **No candidate so permitted to leave may take a question paper out of the examination room.**
- 5.2 Do not leave a sheet of paper you have written on or your answers in such a position that another candidate can read them. You should not give or obtain unfair assistance or attempt to do so. Whether by copying or in any other way, and your work should not show proof of such unfair assistance. No communication whatsoever in whatever manner between candidates or with outsiders is allowed during examination.
- 5.3 You are not allowed to have in your possession or in your proximity while in the examination room, any book, notes, papers or any other materials whatsoever, except the correct question paper and any materials expressly authorized by the Kenya National Examinations Council.
- 5.4 You may only use mathematical tables printed by the Kenya National Examinations Council, and these should not contain any additional notes except the printed information. If you are using a slide rulers as permitted by the Regulations it should not contain formulae or other data that may give you undue advantage over other candidates. If in doubt, check with the supervisor.
- 5.5 You must return immediately to the Supervisor any incorrect question paper given to you.
- 5.6 You must not take any used or unused writing paper out of the examination room. Any rough work must be done on the official answer paper and; if not to be submitted with the answers, must be left on the desks to be collected by the supervisor and destroyed.
- 5.7 Disorderly conduct or the causing of disturbance in or near the examination will be treated as a serious examination irregularity.
- 5.8 Mobile phones are prohibited in the examination rooms and the examination centre. Any candidate caught in possession of a mobile phone will have his/her results cancelled.

6.0 PENALTY FOR IRREGULARITIES

- 6.1 The KNEC Act 2012 rules and regulations, offences and penalties stated in sections 27 to 40 or cases of examination irregularities will apply. Some of the highlights in these sections state that:
- 6.2 A candidate who commits an examination irregularity in any paper will have the results for the **whole subject** cancelled. Such a candidate will not be entitled to a result and will be awarded result "Y" overall.
- 6.3 If there is evidence of wide-spread irregularities in any centre, the whole examination results for the whole centre will be cancelled. Any person who:

- (a) gains access to examination material and knowingly reveals the contents, whether orally or in writing, to an unauthorized party, whether a candidate or not will violate **section 27** and the penalty will be imprisonment for a term not exceeding **ten years**, or a fine not exceeding **two million shillings** or both;
- (b) wilfully and maliciously damages examination material will violate section 30 and the penalty will be imprisonment for a term not exceeding two years or a fine not exceeding five million shillings or both;
- (c) is not registered to take a particular Council's examination but, with intent to impersonate, presents or attempts to present himself to take the part of an enrolled candidate, shall be guilty of an offence and liable to imprisonment for a term not exceeding one year or a fine not exceeding two million shillings or both and may be prohibited from taking an examination conducted by or on behalf of the Council for a period of three years.

CHIEF EXECUTIVE OFFICER