



THE KENYA NATIONAL EXAMINATIONS COUNCIL

KNEC/GEN/TD/PSE/TEC/TT/22

2022 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.

2.0 EXAMINATION PERIOD AND DATES FOR JUNE/JULY 2022

2.1 PRACTICAL & PROJECT PAPERS

DATE		PAPER CODE	PAPER NAME	DURATION
PLANNING WEDNESDAY 29TH JUNE, 2022				
ONE DAY ONLY				
PLANNING WEDNESDAY 29TH JUNE 2022 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.	2402/301 2419/301	Food and Beverage Management Practice	3 hrs
	6.	2406/101	Housekeeping Management Practice	3 hrs
	7.	2406/201	Laundry and Dry Cleaning Practice	3 hrs
	8.	2419/305	Accommodation Management Practice	2 hrs
	9.	2801/105	Housekeeping Practice	1 hr
	10.	2801/106	Laundry Practice	1 hr
	11.	2802/105 2819/105/1	Food and Beverage Production Practical	2 hrs
	12.	2802/205 2819/205	Food and Beverage Production Management Practice	2 hrs
	13.	2802/305 2819/305	Food and Beverage Service and Sales Management Practice	1 ½ hrs
	14.	2819/106	Accommodation Operations Practice	2 hrs
	15.	2819/203	Accommodations Operations Management Practice I (Laundry)	2 hrs
	16.	2819/302	Accommodations Operations Management Practice II (House Keeping)	2 hrs
START OF PRACTICAL PAPERS				
MONDAY 4TH JULY, 2022				
START OF PRACTICAL PAPERS MONDAY 4TH JULY 2022	17.	0101/211	Trade Practice	12 hrs
	18.	0103/211	Trade Practice	12 hrs
	19.	0105/211	Trade Practice	12 hrs
	20.	0106/211	Trade Practice	12 hrs
	21.	0202/211	Trade Practice	6 hrs
	22.	0301/211	Trade Practice	8 hrs
	23.	0302/211	Trade Practice	8 hrs
	24.	0304/211	Trade Practice	8 hrs
	25.	0305/211	Trade Practice	8 hrs
	26.	0401/211B	Trade Practice	4 hrs
	27.	0402/211	Trade Practice, Food and Beverage Production	5 hrs
	28.	0402/216	Trade Practice on Food and Beverage Service	3 hrs
	29.	0404/211	Trade Practice	9 hrs
	30.	0405/211	Trade Practice	9 hrs
	31.	0501/103	Metal Processing Technology Practice I	9 hrs
	32.	0501/203	Metal Processing Technology Practice II	12 hrs
	33.	0503/103	Motor Vehicle Practice I	16 hrs

DATE	PAPER CODE	PAPER NAME	DURATION
	34. 0503/203	Motor Vehicle Practice II	16 hrs
	35. 0504/105	Trade Practice I	6 hrs
	36. 0504/204	Trade Practice II	6 hrs
	37. 05041/105	General Marine Engineering practical (Trade practice I)	12 hrs
	38. 05041/205	Marine Engineering Technology Practical (Trade Practice II)	12 hrs
	39. 0505/103	Refrigeration and Air Conditioning Trade Practice I	6 hrs
	40. 0505/203	Refrigeration and air Conditioning Trade Practice II	6 hrs
	41. 0601/103	Electrical & Electronics Technology Practice I	9 hrs
	42. 0601/203	Electrical and Electronics Technology Practice II	8 hrs
	43. 0701/103	Appropriate Carpentry & Joinery Practice I	9 hrs
	44. 0701/203	Appropriate Carpentry & Joinery Practice II	9 hrs
	45. 0702/103	Building Technology Practice I	9 hrs
	46. 0702/203	Building Technology Practice II	9 hrs
	47. 0801/103	Fashion Design & Garment Making Practice I	7 hrs
	48. 0801/203	Fashion Design & Garment Making Practice II	7 hrs
	49. 0602/203 0920/202	ICT Trade Practice II	6 hrs
	50. 0901/103	Hair Dressing and Beauty Therapy Practice I	6 hrs
	51. 0901/203	Hair Dressing and Beauty Therapy Practice II	6 hrs
	52. 0902/103	Food Processing Technology Practice I	6 hrs
	53. 0902/203	Food Processing Technology Practice II	6 hrs
	54. 0903/103	Leather Technology Practice I	12 hrs
	55. 0903/203	Leather Technology Practice II	12 hrs
	56. 0904/103	Agribusiness Practice I	9 hrs
	57. 0904/203	Agribusiness Practice II	9 hrs
	58. 0920/102 0602/103	Information Communications Technology Practice I	6 hrs
	59. 1102/315	Trade Practice	25 Hrs
	60. 1103/315	Trade Practice	6 Hrs
	61. 1105/315	Trade Practice	6 Hrs
	62. 1106/315	Trade Practice	25 Hrs
	63. 1202/314	Electrical Installation Practice	8 Hrs
	64. 1204/313	Electronic Instruments & Fault Diag. (Practice)	8 Hrs
	65. 1301/315	Carpentry & Joinery Craft Practice	9 Hrs
	66. 1304/315	Masonry Craft Practice	9 Hrs
	67. 1305/315	Plumbing Craft Practice	9 Hrs
	68. 1308/315	Land Surveying Craft Practice	6 Hrs
	69. 1309/315	Road Construction Craft Practice	9 Hrs
	70. 1401/311	Garment Making Practical	7 Hrs
	71. 1402/314	Food & Beverage Production Practical	6 Hrs
	72. 1402/315	Food & Beverage Service Practical	3 Hrs
	73. 1403/315	Food Processing & Preservation Practical	6 Hrs
	74. 1404/315	Trade Practice	6 Hrs
	75. 1406/311	Housekeeping Practical	4 Hrs
	76. 1406/312	Laundry Practical	4 Hrs
	77. 1409/315	Fisheries Technology Trade Practice	6 Hrs
	78. 1410/208/2	Kenyan Sign Language (KSL) Expressive Signing Skills (Practice) {15 minutes per candidate}	15 min each
	79. 1501/206	Mechanical Engineering Trade Practice	25 hrs
	80. 1503/106	Motor Vehicle Technology Trade Practice I	6 hrs
	81. 1503/206	Motor Vehicle Technology Trade Practice II	6 hrs
	82. 1504/106	Trade Practice I	12 hrs
	83. 1504/206	Trade Practice II	12 hrs
	84. 15041/106	Navigation Safety and Boat Handling Practice (Trade Practice)	6 hrs
	85. 1505/106	Trade Practice I	12hrs
	86. 1505/206	Trade Practice II	12 hrs
	87. 15051/106	General Marine Engineering Practical (Trade Practice)	12 hrs
	88. 1507/114 1907/104	Bread & Confectionery Making I Practice	6 hrs
	89. 1507/213 1907/204	Bread & Confectionery Making II Practice	6 hrs
	90. 1508/106	Welding and Fabrication Trade Practice I	18 hrs
	91. 1508/206	Welding and Fabrication Trade Practice II	18 hrs
	92. 1509/106	Construction Plant Trade Practice I	8 hrs

**LAST DAY OF
PRACTICAL
PAPERS**

**FRIDAY
15TH JULY
2022**

DATE	PAPER CODE	PAPER NAME	DURATION
	93. 1509/206	Construction Plant Trade Practice II	9 hrs
	94. 1521/104 1601/106 1602/106	Trade Practice I	8 hrs
	95. 1521/206 1601/206	Trade Practice II	8 hrs
	96. 1522/206 1602/206	Telecom Systems and Fault Diagnosis	12 hrs
	97. 1704/106	Building Construction Practice	15 hrs
	98. 1704/205	Building Construction Practice	18 hrs
	99. 1801/105	Fabric Colouration Practical	4 hrs
	100. 1801/203	Garment Making Practical (For Women)	7 hrs
	101. 1801/204	Garment Making Practical (For Men)	7 hrs
	102. 1801/205	Batik and Embroidery Practical	4 hrs
	103. 1802/104 1819/104	Food and Beverage Production Practical	6 hrs
	104. 1802/204	Food and Beverage Service and Sales Practical	3 hrs
	105. 1805/108/2	Kenyan Sign language- Expressive skills (Practical) {15 minutes per candidate}	15 Minutes Each
	106. 1819/106	Food & Beverage Service Practical	3 hrs
	107. 1819/203	House Keeping Practical	5 hrs
	108. 1819/204	Laundry Practical	5 hrs
	109. 1903/106	Food Processing and Preservation I Practical	6 hrs
	110. 1903/205	Food Processing and Preservation II Practical	6 hrs
	111. 1906/106	Sustainable Ecological Agriculture Trade Practice I	6 hrs
	112. 1906/206	Sustainable Ecological Agriculture Trade Practice II	6 hrs
	113. 1908/106	Trade Practice	6 hrs
	114. 1908/205	Trade Practice II	6 hrs
	115. 2401/302	Garment Cutting and Making Practical	6 hrs
	116. 2402/301 2419/301	Food & Beverage Management Practice	6 hrs
	117. 2406/101	House Keeping Management Practice	5 hrs
	118. 2406/201	Laundry and Dry Cleaning Practice	5 hrs
	119. 2419/305	Accommodation Management Practice	4 hrs
	120. 2420/201A	Bread Making Practice II	8 hrs
	121. 2420/201B	Flour & Confectionery Practice II	6 hrs
	122. 2420/301	Bread Making & Flour Confectionery Practice III	12 hrs
	123. 25041/106	Navigation safety and ship maintenance practical	12 hrs
	124. 2801/105	Housekeeping Practice	4 hrs
	125. 2801/106	Laundry Practice	4 hrs
	126. 2802/105 2819/105/1	Food and Beverage Production Practical	6 hrs
	127. 2802/106 2819/105/2	Food and Beverage Service Practical	3 hrs
	128. 2802/205 2819/205	Food Production Management Practice	5 hrs
	129. 2802/305 2819/305	Food and Beverage Service and Sales Management Practice	6 hrs
	130. 2803/105	Clothing Construction I Practical	6 hrs
	131. 2803/205	Clothing Construction II Practical	6 hrs
	132. 2803/305	Clothing Construction III Practical	6 hrs
	133. 2819/106	Accommodation Operations Practice	7 hrs
	134. 2819/203	Accommodation Operations Management I Practice (Laundry)	4 hrs
	135. 2819/302	Accommodation Operations Management II Practice (House Keeping)	6 hrs
	136. 2830/105	Spinning Machinery and Maintenance Practical	6 hrs
	137. 2830/205	Weaving and Knitting Machinery practical	6 hrs
	138. 2830/305	Quality Control, Analysis and Testing Practical	6 hrs
	139. 2913/206	Food Processing I Practical	6 hrs
	140. 2913/306	Food Processing II Practical	6 hrs
	141. 2920/105	Baking I Practice (Bread)	6 hrs
	142. 2920/106	Baking I Practice (Confectionery)	6 hrs

DATE	PAPER CODE	PAPER NAME	DURATION
	143. 2920/204	Baking II Practice (Bread)	6 hrs
	144. 2920/205	Baking II Practice (Confectionery)	6 hrs
	145. 2920/305	Baking III Practice (Bread)	8 hrs
	146. 2920/306	Baking III Practice (Confectionery)	8 hrs
8.00 A.M. TUESDAY 12TH JULY, 2022			
	147. 2915/306	Analytical Chemistry Practical III	4 hrs
8.00 A.M. WEDNESDAY 13TH JULY, 2022			
	148. 2914/106	Applied Biology Practical I	4 hrs
	149. 1704/203	Building Construction II & CAD	3 hrs
8.00 A.M. THURSDAY 14TH JULY, 2022			
	150. 2915/206	Analytical Chemistry Practical II	4 hrs
	151. 2709/205	Architectural Landscaping, Graphic design I Architectural Technology	4 hrs
	152. 2710/206	Architectural Design and Landscaping	4 hrs
8.00 A.M. FRIDAY 15TH JULY, 2022			
	153. 1408/315	Science Laboratory Practice (Practical)	4 hrs
	154. 2501/301 2502/301 2503/301 2508/301 2509/301	Computer Aided Drawing	3 hrs

WRITTEN PAPERS

DATE	PAPER CODE	PAPER NAME	DURATION	
8.00 A.M. DAY 1 MONDAY 18TH JULY, 2022				
MONDAY 18TH JULY 2022	1.	0504/101	Entrepreneurship and Communication Technology	2½ hrs
	2.	05041/101	Entrepreneurship and Communication Technology	2½ hrs
	3.	05041/201	Communications and Life Skills	2½ hrs
	4.	1314/101	Water Resources I	3 hrs
	5.	1314/201	Water Resources II	3 hrs
	6.	1412/315	Medical Laboratory Technology Practice	4 hrs
	7.	1501/101 1503/101 1508/101 1509/101 1601/101 1602/101 1704/101	ICT and Entrepreneurship	3 hrs
	8.	1501/201 1503/201 1508/201 1509/201 1521/201 1522/201 1601/201 1602/201 1704/201	Communication Skills	3 hrs
	9.	1504/101	Entrepreneurship & Communication Technology	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
8.00 A.M. DAY 1	10.	1504/201	Ship Construction & Stability	3 hrs
	11.	15041/101 15051/101	Entrepreneurship and Communication Technology	3 hrs
	12.	1505/101	Entrepreneurship & Communication Technology	3 hrs
	13.	1505/201	Marine Engineering & Management	3 hrs
	14.	15041/201 15051/201	Communication skills and Fundamentals of Management	3 hrs
	15.	1507/113 1907/101 1801/101 1802/101 1803/101 1804/101 1805/101 1819/101 1901/101 1903/101 1904/101 1905/101 1906/101 1908/101	ICT, Mathematics and Entrepreneurship	3 hrs
	16.	1507/212A 1801/201 1802/201 1803/201 1804/201 1805/201 1901/201 1903/201 1904/201 1905/201 1906/201 1907/201 1908/201	Communications Skills	3 hrs
	17.	1521/101 1522/101	ICT Technical Drawing and Entrepreneurship	3 hrs
	18.	1521/101 1522/101	ICT Technical Drawing and Entrepreneurship	3 hrs
	19.	1080/211	Mathematics	3 hrs
	20.	1102/311 1103/311 1105/311 1106/311	Mathematics & Engineering Science	3 hrs
	21.	1202/311	Mathematics	3 hrs
	22.	1204/311	Mathematics	3 hrs
	23.	1301/311 1304/311 1305/311 1309/311	Mathematics	3 hrs
	24.	1308/311	Mathematics	3 hrs
	25.	1402/311	Food & Beverage Production Theory	3 hrs
	26.	1403/311	Food Engineering	3 hrs
	27.	1404/311	Principles of Leather Manufacture	3 hrs
	28.	1405/311	Crop Production	3 hrs
	29.	1408/311	Laboratory Practice	3 hrs
	30.	1409/311	Fishing Technology	3 hrs
	31.	1410/201	Social Development Theory Methods, Policy & Administration	3 hrs
	32.	1411/311	Introduction to Printing Technology	3 hrs
	33.	1908/204	Fish Technology	3 hrs
	34.	2080/201 2081/201 2082/201 2083/201	Mathematics	3 hrs
	35.	2401/301	Pattern Drafting & Grading Practical	4 hrs
	36.	2425/101	Principles of Crop Production I & Soil Science	3 hrs
	37.	2425/201	Principles of Crop Production II & Soil Fertility & Plant Nutrition	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
	38.	2425/301	Crop Production III	3 hrs
	39.	2426/101 2427/101A	Nutrition, Community Health & Diet Therapy I Practice	3 hrs
	40.	2426/201 2427/201A	Nutrition & Diet Therapy II Practice	3 hrs
	41.	2426/301 2427/301	Diet Therapy III Practice & Theory	3 hrs
	42.	3084/201	Soil Mechanics & Foundation Engineering	3 hrs
	43.	3301/214	Plane Surveying	3 hrs
	44.	3302/214	Image Processing & Interpretation	3 hrs
	45.	3303/214	Computer Assisted Cartography	3 hrs
8.00 A.M. DAY 2 TUESDAY 19TH JULY, 2022				
TUESDAY	46.	2301/303 2302/303	Structures	3 hrs
19TH JULY 2022	47.	2303/303	Hydrological Processes	3 hrs
	48.	2304/303	Hydrogeology	3 hrs
	49.	2305/303 2307/303 2308/303	Structures	3 hrs
8.00 A.M.	50.	2311/303 2312/303	Photogrammetry and Remote Sensing	3 hrs
	51.	2313/303	Cartography, Photogrammetry & Remote Sensing	3 hrs
DAY 2	52.	2402/302 2419/302	Food & Beverage Production Theory	3 hrs
	53.	2403/303	Food Analysis	3 hrs
	54.	2406/302	Communication Skills	3 hrs
	55.	2416/301 2417/301 2418/301	Art Studio Organization & Management	3 hrs
	56.	2422/301 2423/301 2424/301	Industrial Organization and Management	3 hrs
	57.	2501/101 2502/101 2503/101 2508/101 2509/101 2601/101 2602/101 2603/101 2705/101 2707/101 2709/101 2710/101	ICT, Communication skills and Entrepreneurship	3 hrs
	58.	2501/201 2502/201 2503/201 2508/201 2509/201	Industrial Organisation and Management	3 hrs
	59.	2501/305	Production Line Processes and Foundry Technology	3 hrs
	60.	2502/305	Power Production Systems	3 hrs
	61.	2503/305	Auto Electrics and Electronics	3 hrs
	62.	2508/305	Advanced Fabrication Technology	3 hrs
	63.	2509/305	Construction Plant Technology and Practice III	3 hrs
	64.	2504/101	Entrepreneurship and Communication Technology	3 hrs
	65.	2504/1/101 2505/1/101	Entrepreneurship and Communication Technology	3 hrs
	66.	2505/101	Entrepreneurship and Communication Skills	3 hrs
	67.	2506/101 2507/101	Entrepreneurship & Communication Technology	3 hrs
	68.	2521/101	ICT, Entrepreneurship, Life and Communication Skills	3 hrs

DATE	PAPER CODE	PAPER NAME	DURATION
69.	2525/101 2528/101 2802/101 2803/101 2805/101 2819/101 2830/101 2901/101 2902/101 2903/101 2904/101 2905/101 2906/101 2907/101 2908/101 2909/101 2910/101 2911/101 2912/101 2913/101 2914/101 2915/101 2916/101 2920/101 2921/101 2922/101	ICT, Communication Skills and Entrepreneurship	3 hrs
70.	2914/201 2915/201	Research Methods	3 hrs
71.	2914/301 2915/301	Industrial Organization and Management	3 hrs
72.	1904/106	Science Laboratory Techniques practical I	4 hrs
73.	0101/215 0103/215 0105/215 0106/215 0202/215 0301/215 0302/215 0304/215 0305/215 0401/215 0402/215 0404/215 0405/215	Support Subjects	3 hrs
74.	2205/301	Systems analysis & Design	3 hrs
75.	2207/302	Telecommunication Principles	3 hrs
76.	2404/301	Taxonomy, Ecology, Soil-Study Herbarium, Aquarium and Vivarium	3 hrs
77.	2407/301	Parasitology & Histological Techn.	3 hrs
78.	2411/301	Physical Chemistry	3 hrs
79.	2428/101	Social Work, Theory Practice & Community Development	3 hrs
80.	2428/201	Resource Mobilization, Fund Raising & Project Management	3 hrs
81.	2428/301	Social Psychology & Human Development	3 hrs
82.	2429/301	Social and Administrative Pharmacy	3 hrs
83.	2504/201	Chart Work Practices	3 hrs
84.	2504/302	Ship Stability and Handling	3 hrs
85.	2504/1/201	Chart work	3 hrs
86.	2505/201	Ship Construction & Naval Architecture II	3 hrs
87.	2505/301	Marine Organisation and Management	3 hrs
88.	25051/201	Ship Stability	3 hrs
89.	25041/301	Marine Organisation and Management	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
	90.	25051/301	Marine Organisation and Management	3 hrs
	91.	2506/201	Aircraft Propeller Systems	3 hrs
	92.	2506/301 2507/301	Industrial Organisation and Management	3 hrs
	93.	2507/201	Aircraft Instruments and Measurement Systems	3 hrs
	94.	2521/202	Industrial Control Systems	3 hrs
	95.	2521/303 2601/301 2602/301 2603/301	Industrial management and Engineering Contracts	3 hrs
	96.	2528/201 2922/201	Earth Science and Environmental Information Systems	3 hrs
	97.	2528/301 2922/301	Atmospheric Science	3 hrs
	98.	2601/201 2602/201 2603/201	Control Systems and Programmable Logic Controllers	3 hrs
	99.	2705/204 2707/204	Measurement of Building and Civil Engineering Works, Estimating and Costing I	3 hrs
	100.	2710/205	History of Architecture	3 hrs
	101.	2710/305	Environmental Planning and Management	3 hrs
	102.	2802/201	Hospitality Accounting and Law	3 hrs
	103.	2802/301 2920/301	Human Relations	3 hrs
	104.	2803/201	Industrial Organization Management I & Quality Control I	3 hrs
	105.	2803/301	Industrial Organization Management II & Quality Control II	3 hrs
	106.	2805/201	Legal Instruments for Child Protection	3 hrs
	107.	2805/303	Resource Mobilization and Project Management	3 hrs
	108.	2830/201	Weaving and Knitting Machinery practical	3 hrs
	109.	2830/301	Textile Preparation and Finishing Processes	3 hrs
	110.	2901/202	Research methods	3 hrs
	111.	2901/302	Project Management	3 hrs
	112.	2910/202	Crop enterprise management II	3 hrs
	113.	2910/301	Crop enterprise management III	3 hrs
	114.	2913/201	Food Chemistry I and Food Microbiology I	3 hrs
	115.	2913/302	Food Chemistry II & Food Microbiology II	3 hrs
	116.	2916/205	Introduction to Primary Health Care and Principles of Nutrition and Behaviour	3 hrs
	117.	2916/305	Community Partnership Skills, Nutrition Assessment and Surveillance and Nutrition in Emergency	3 hrs
	118.	3402/201	Trends and Issues in Education and Training	3 hrs
8.00 A.M. DAY 3, WEDNESDAY 20TH JULY, 2022				
WEDNESDAY		0101/214 0103/214 0105/214 0106/214 0202/214 0301/214 0302/214 0304/214 0305/214 0401/214 0404/214 0405/214	Applied Geometry	3 hrs
20TH JULY,	119.			
2022				
8.00 A.M.				
DAY 3				
	120.	0504/102	Technical Drawing & Engineering Science	2 ½ hrs
	121.	0504/202	Technical Drawing & Engineering Science	2 ½ hrs
	122.	0504/1/102	Mathematics I and Applied Science I	2 ½ hrs
	123.	0504/1/202	Mathematics II and Applied Science II	2 ½ hrs
	124.	1080/213	Strength & Properties of Materials	3 hrs

DATE	PAPER CODE	PAPER NAME	DURATION
	125. 1102/312 1103/312 1105/312 1106/312	Technical Drawing	3 hrs
	126. 1202/315	Electrical Maintenance & Fault Diagnosis	3 hrs
	127. 1204/312	Electronic Instruments & Fault Diagnosis (Theory)	3 hrs
	128. 1301/312 1304/312 1305/312	Technical Drawing	3 hrs
	129. 1308/312	Survey Drawing	3 hrs
	130. 1309/312	Soil Mechanics & Engineering Materials	3 hrs
	131. 1314/102	Water and Waste Water I	3 hrs
	132. 1314/202	Water and Waste Water II	3 hrs
	133. 1501/104 1508/104 1509/104	Technical Drawing I	3 hrs
	134. 1503/104	Technical Drawing I	3 hrs
	135. 1504/104	Cargo Work	3 hrs
	136. 1504/1/104	Seamanship	3 hrs
	137. 1505/104	Technical Drawing & Workshop Technology	3 hrs
	138. 1505/204	Workshop Technology	3 hrs
	139. 1505/1/104	Marine Engineering Knowledge I	3 hrs
	140. 1505/1/204	Marine Engineering Knowledge II	3 hrs
	141. 1507/112 1907/102 1802/102 1819/102	Food Science & Nutrition	3hrs
	142. 1507/212B 1907/202	Baking Control	3 hrs
	143. 1521/102 1522/102	Mathematics & Trade Science I	3 hrs
	144. 1521/204 1601/204	Micro-Electronics, Electrical Principles II, Electrical Maintenance And Fault Diagnosis	3 hrs
	145. 1522/204 1602/204	Micro Electronics, Electrical Principles and Fault Diagnosis	3 hrs
	146. 1601/102 1602/102	Applied Science, Electrical Principles I and Electronics	3 hrs
	147. 1801/202	Garment Cutting and Making Theory, Pattern Drafting II and Grading	4 hrs
	148. 1802/202	Food and Beverage Control and Catering Premises & Equip	3 hrs
	149. 1804/102	Fundamentals in Childcare and Protection.	3 hrs
	150. 1804/202	Legal Framework in Childcare Protection	3 hrs
	151. 1805/102	Sociology, Social Policy and Administration	3 hrs
	152. 1805/202	Introduction to Community Development	3 hrs
	153. 1901/102	Earth and Physical Sciences	3 hrs
	154. 1901/202	Exploration Geophysics & Seismic Techniques	3 hrs
	155. 1903/102	Applied Science and Laboratory Practice	3 hrs
	156. 1903/202	Food Chemistry and Food Microbiology	3 hrs
	157. 1904/102	Principles of Laboratory & Workshop Practice I	3 hrs
	158. 1904/202	Principles Laboratory & Workshop Practice II	3 hrs
	159. 1905/102	Applied Physical Sciences, Applied Biological Sciences, Anatomy and Physiology	3 hrs
	160. 1905/202	Community Diagnosis & Mobilization, Introduction to Nutrition Surveillance and Nutrition in Emergency	3 hrs
	161. 1906/102	Applied Science	3 hrs
	162. 1906/205	Agricultural Economics, Farm Management and Extension	3 hrs
	163. 2209/201	System Analysis and Design	3 hrs
	164. 2209/301	Quantitative Methods	3 hrs
	165. 2902/303	Personal Development, Ethical and Legal Issues	3 hrs

DATE	PAPER CODE	PAPER NAME	DURATION
166.	2902/105 2903/105 2904/105 2905/105 2906/105 2907/105 2908/105 2909/105 2911/105 2912/105	Personal development I and Life skills	3 hrs
167.	2902/202 2903/202 2904/202 2905/202 2906/202 2907/202 2908/202 2909/202 2911/202 2912/202	Group Counselling	3 hrs
168.	2903/303	Personal Development, Professional, Ethical and Legal Issues	3 hrs
169.	2904/303	Personal and Professional Development, Ethical and Legal Issues	3 hrs
170.	2905/303	Personal Development and Professional Issues	3 hrs
171.	2906/303	Personal Development, Family Counselling and Effective Parenting.	3 hrs
172.	2907/303	Personal and Professional Development	3 hrs
173.	2908/303	Advocacy For Persons With Special Needs and Disabilities	3 hrs
174.	2909/303	Personal Development and Spiritual Formation	3 hrs
175.	2914/206	Applied Biology Practical II	4 hrs
176.	1501/204 1503/204 1508/204 1509/204	Technical Drawing II	3 hrs
177.	2101/301 2102/301 2103/301 2104/301 2105/301 2106/301 2107/301 2108/301	Mathematics	3 hrs
178.	2201/301 2203/301 2204/301 2206/301	Mathematics	3 hrs
179.	2207/301	Mathematics	3 hrs
180.	2208/301	Mathematics	3 hrs
181.	2209/101	Introduction to Computers & Principles of Operating Systems	3 hrs
182.	2413/301	Mathematics	3 hrs
183.	2429/302	Drug Supply Management	3 hrs
184.	2501/103 2502/103 2503/103 2508/103 2509/103	Engineering Mathematics I	3 hrs
185.	2501/203 2502/203 2503/203 2508/203 2509/203	Engineering Mathematics II	3 hrs
186.	2501/303 2502/303 2503/303 2508/303 2509/303	Engineering Mathematics III	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
	187.	2504/103 2505/103	Mathematics I & Applied Science	3 hrs
	188.	2504/203 2505/203	Engineering Mathematics I	3 hrs
	189.	2504/303	Ship Power Plant	3 hrs
	190.	25041/103 25051/103	Mathematics I and Applied science	3 hrs
	191.	25041/203	Mathematics II	3 hrs
	192.	25051/203	Engineering Mathematics II	3 hrs
	193.	25041/303	Ship board operations and marine environment	3 hrs
	194.	2505/303	Engineering Mathematics II	3 hrs
	195.	25051/303	Engineering Mathematics III	3 hrs
	196.	2506/103 2507/103	Engineering Mathematics I & Engineering Science I	3 hrs
	197.	2506/203 2507/203	Engineering Mathematics II	3 hrs
	198.	2506/303 2507/303	Engineering Mathematics III	3 hrs
	199.	2525/102 2910/102 2921/102	Applied Science I	3 hrs
	200.	2525/201 2921/201	Applied Science II	3 hrs
	201.	2525/305 2921/305	Natural Resource Management	3 hrs
	202.	2528/102 2922/102	Environmental Chemistry & Applied Science	3 hrs
	203.	2528/202 2922/202	Environmental Pollution Control, Health and Safety	3 hrs
	204.	2528/302 2922/302	Environmental waste Management EIA and Environmental Law	3 hrs
	205.	2705/102 2707/102 2709/102 2710/102	Mathematics I and Physical Science	3 hrs
	206.	2705/201 2707/201 2709/201 2710/201	Mathematics II and Surveying II	3 hrs
	207.	2705/301 2707/301 2709/301 2710/301	Mathematics III and Surveying III	3 hrs
	208.	2830/102	Mathematics I, Physics and Technical Drawing	3 hrs
	209.	2830/202	Mathematics II	3 hrs
	210.	2830/302	Dyeing and Printing technology	3 hrs
	211.	2901/102	Applied Mathematics and Economics	3 hrs
	212.	2901/201	Applied Mathematics	3 hrs
	213.	2901/301	Financial Accounting	3 hrs
	214.	2910/201	Applied Science II	3 hrs
	215.	2910/302	Agricultural Biochemistry and Agro-processing & value addition	3 hrs
	216.	2913/102	Mathematics and Applied Science	3 hrs
	217.	2913/202	Food Analysis and Quality Assurance	3 hrs
	218.	2913/304	Food Analysis & Instrumentation	3 hrs
	219.	2914/102 2915/102	Mathematics and Applied Science	3 hrs
	220.	2915/202	Industrial Chemistry I and Instrumental Methods of Analysis I	3 hrs
	221.	2914/302	Entomology, Pharmacology and Toxicology	3 hrs
	222.	2915/302	Instrumental Methods II and Biochemistry	3 hrs
	223.	3402/101	Principles and Techniques of Education Management	3 hrs
	224.	4080/203	Organic Chemistry	3 hrs
	225.	4082/203	Pharmacology & Toxicology I	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
		226. 4083/203	Cytology	3 hrs
		227. 4086/203	Anatomy & Physiology I	3 hrs
		228. 4087/203	Haematology	3 hrs
		229. 4089/203	Specific Products Technology	3 hrs
8.00 A.M. DAY 4 THURSDAY, 21ST JULY, 2022				
THURSDAY		230. 0101/213	Trade Theory	2½ hrs
21ST JULY 2022		231. 0103/213	Trade Theory	2½ hrs
8.00 A.M.		232. 0105/213	Trade Theory	2½ hrs
DAY 4		233. 0106/213	Trade Theory	2½ hrs
		234. 0202/213	Trade Theory	2½ hrs
		235. 0301/213	Trade Theory	2½ hrs
		236. 0302/213	Trade Theory	2½ hrs
		237. 0304/213	Trade Theory	2½ hrs
		238. 0305/213	Trade Theory	2½ hrs
		239. 0401/213	Trade Theory	2½ hrs
		240. 0402/213	Trade Theory	2½ hrs
		241. 0404/213	Trade Theory	2½ hrs
		242. 0405/213	Trade Theory	2½ hrs
		243. 0501/102	Metal Processing Technology Theory I	2 hrs
		244. 0501/202	Metal Processing Technology Theory II	2 hrs
		245. 0503/102	Motor Vehicle Technology Theory I	2 hrs
		246. 0503/202	Motor Vehicle Technology Theory II	2 hrs
		247. 0504/103	Seamanship & Environment Protection	2 ½ hrs
		248. 0504/203	Seamanship & Cargo II	2 ½ hrs
		249. 0504/1/103	Seamanship and Boat Handling Practices	2 ½ hrs
		250. 0504/1/203	Cargo Handling and Stowage	2 ½ hrs
		251. 0505/102	Refrigeration & Air Conditioning Theory I	2 hrs
		252. 0505/202	Refrigeration & Air Conditioning Theory II	2 hrs
		253. 0601/102	Electrical & Electronics Technology Theory I	2 hrs
		254. 0601/202	Electrical and Electronics Trade Theory II	2 hrs
		255. 0701/102	Appropriate Carpentry Trade Theory I	2 hrs
		256. 0701/202	Appropriate Carpentry Trade Theory II	2 hrs
		257. 0702/102	Building Technology Theory I	2 hrs
		258. 0702/202	Building Technology Theory	2 hrs
		259. 0801/102	Fashion Design & Garment Making Theory I	2 hrs
		260. 0801/202	Fashion Design and Garment Making Trade Theory II	2 hrs
		261. 0602/102 0920/104	Information Communication Technology Theory I	2 hrs
		262. 0602/202 0920/204	ICT Trade Theory II	2 hrs
		263. 0901/102	Hair Dressing & Beauty Therapy Theory I	2 hrs
		264. 0901/202	Hair Dressing & Beauty Therapy Theory II	2 hrs
		265. 0902/102	Food Processing Technology I Theory	2 hrs
		266. 0902/202	Food Processing Technology II Theory	2 hrs
		267. 0903/102	Leather Technology I Theory	2 hrs
		268. 0903/202	Leatherwork Technology Theory II	2 hrs
		269. 0904/102	Agri-business Trade Theory I	2 hrs
		270. 0904/202	Agri-business Trade Theory II	2 hrs
		271. 1080/216	Fluid Mechanics	3 hrs
		272. 1801/102	Art, Fashion Design & Sketching and Pattern Drafting I	4hrs
		273. 2080/206 2083/206	Machines & Utilization	3 hrs
		274. 2082/206	Communication Systems	3 hrs
		275. 2101/305	Materials & Metallurgy	3 hrs
		276. 2102/305	Plant Electrical & Instrumentation	3 hrs
		277. 2103/305	Engine & Auto Elec. Tech & Practical	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
		278. 2104/305	Engine & Vehicle Technology(Theory & Practice)	3 hrs
		279. 2105/305	Tractors & Power Units Post Harvest Technology	3 hrs
		280. 2106/305	Material Science & Metallurgy	3 hrs
		281. 2107/305	Airframe Technology	3 hrs
		282. 2108/305	Material Science & Metallurgy	3 hrs
		283. 2413/306	Unit Operations	3 hrs
		284. 2419/306	Accommodation Operations & Property Management	3 hrs
		285. 2422/306	Text Generation	3 hrs
		286. 2423/306	Machine Printing	3 hrs
		287. 2424/306	Box, Carton Manufacture and Packing	3 hrs
		288. 2502/205	Plant Electrical and Instrumentation	3 hrs
		289. 2913/103	Laboratory and Workshop Practice I	3 hrs
		290. 2429/306B	Pharmacology& Therapeutics Practical	4 hrs
		291. 2914/202	Taxonomy, Anatomy and Physiology	3 hrs
		292. 2915/304	Organic and inorganic Chemistry III	3 hrs
		293. 3081/205 3082/205 3083/205	Hydraulics, Geology & Soil Mechanics	3 hrs
		294. 1102/314	Mechanical Engineering Trade Theory	3 hrs
		295. 1103/314	Motor Vehicle Trade Theory	3 hrs
		296. 1105/314	Agricultural Engineering Trade Theory	3 hrs
		297. 1106/314	Fabrication and Welding Trade Theory	3 hrs
		298. 1301/314	Carpentry and Joinery Craft Theory	3 hrs
		299. 1304/314	Masonry Craft Theory	3 hrs
		300. 1305/314	Plumbing Craft Theory	3 hrs
		301. 1308/314	Land Surveying Theory	3 hrs
		302. 1309/314	Road Construction Tech. & Drawing	3 hrs
		303. 1501/105	Fabrication Technology, Materials and metallurgy	3 hrs
		304. 1501/205	Production Processes Technology	3 hrs
		305. 1503/105	Vehicle Technology, Workshop Technology and Vehicle bodywork	3 hrs
		306. 1503/205	Engine Technology and Auto-Electrics	3 hrs
		307. 1508/105	Fabrication and Welding Technology, Materials and Metallurgy I	3 hrs
		308. 1508/205	Fabrication and Welding Technology I, Materials & Metallurgy II	3 hrs
		309. 1509/105	Workshop Technology, Engine Technology and Construction Plant I	3 hrs
		310. 1509/205	Vehicle Technology and Construction Plant II	3 hrs
		311. 1521/205 1601/205	Electrical Installation II, Estimating, Tendering, Industrial Machines and Controls	3 hrs
		312. 1522/205 1602/205	Telecommunication Systems	3 hrs
		313. 1601/105 1602/105	Electrical and Solar Installation Technology	3 hrs
		314. 1704/105	Site Management and Construction Plant	3 hrs
		315. 2203/302	Data Communication	3 hrs
		316. 2204/302	Machines & Utilization	3 hrs
		317. 2205/302	Data Communication	3 hrs
		318. 2208/304	Clinical Engineering Paper II	3 hrs
		319. 2301/305 2302/305	Construction Technology, Materials, Measurement, & Costing	3 hrs
		320. 2304/305	Environment Science	3 hrs
		321. 2305/305	Measurement, Estimating & Costing	3 hrs
		322. 2306/305	Building Economics Construction Law, Estimating & Costing	3 hrs
		323. 2307/305	Measurement, Estimating & Costing	3 hrs
		324. 2308/305	Highway Engineering Construction	3 hrs
		325. 2309/305	History of Architecture	3 hrs
		326. 2310/305	Remote Sensing	3 hrs
		327. 2311/305	Special Purposes Cart. & Cart. Rep.	3 hrs
		328. 2312/305	Cadastral Surveying & Land Law	3 hrs
		329. 2313/305	Photomechanical Processes &Print Sci.	3 hrs
		330. 2402/305	Principles and Practice of Management	3 hrs
		331. 2403/305	Food Processing & Preservation	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION								
	332.	2404/305	Animal and Plant Husbandry, Pharmacology, Toxicology, Entomology and plant Pathology	3 hrs								
	333.	2405/305	Elements of Accounts	3 hrs								
	334.	2407/305	Medical Microbiology	3 hrs								
	335.	2411/305	Instrumental Methods of Analysis	3 hrs								
	336.	2416/305	Advertising & Corporate Identity Design	3 hrs								
	337.	2417/305	Drawing, art & Visual Communication	3 hrs								
	338.	2418/305	Art/ Factual Sculpture	3 hrs								
	339.	2426/104 2427/104	Food & Beverage Production & Service	3 hrs								
	340.	2427/203	Computer Applications	3 hrs								
	341.	2428/305	Community Concerns & Dev. Methodologies	3 hrs								
	342.	2506/107 2507/107	Aircraft Piston engines	3 hrs								
	343.	2506/207	Theory of Flight	3 hrs								
	344.	2506/307	Airframe Systems II and Airfield Safety III	3 hrs								
	345.	2507/207	Electric Circuit Analysis	3 hrs								
	346.	2507/307	Automatic Pilot System and Airfield Safety & Procedures III	3 hrs								
	347.	2916/104	Diet Therapy I, Principles of Human Nutrition, Introduction to Nutrition and Dietetics, Anatomy and Physiology Theory	3 hrs								
	348.	2916/204	Introduction to Microbiology, First Aid and Principles of Food Processing and Preservation	3 hrs								
	349.	2916/304	Communicable and Non-Communicable Diseases and Nutrition Epidemiology	3 hrs								
	350.	3084/207	Water and Waste Water Technology	3 hrs								
	351.	4080/204	Gravimetric, Volumetric and Biochemistry	3 hrs								
	352.	4082/204	Pharmacology & Toxicology II	3 hrs								
	353.	4083/204	Anatomy	3 hrs								
	354.	4086/204	Anatomy & Physiology II	3 hrs								
	355.	4087/204	Serology	3 hrs								
	356.	4089/204	Food Analysis	3 hrs								
8.00 A.M. DAY 5 FRIDAY 22ND JULY, 2022												
FRIDAY 22ND JULY 2022 8.00 A.M. DAY 5	357.	0501/101 0516/101 0503/101 0505/101 0601/101 0701/101 0702/101	General Education (Engineering) I	1 hr								
		0501/201 0503/201 0505/201 0601/201 0701/201 0702/201			General Education (Engineering) II	1 hr						
		0602/101 0801/101 0901/101 0902/101 0903/101 0904/101 0920/101					General Education (Science) I	1 hr				
		0602/201 0801/201 0901/201 0902/201 0903/201 0904/201 0920/201							General Education I (Science) Level II	1 hr		
		1410/206									Kiswahili	3 hrs
		1410/208/1									Kenyan Sign Language (KSL) Receptive Skills and Grammar	3 hrs
	1804/206	Leadership and Management	3 hrs									
	1805/108/1	Kenyan Sign language- Receptive skills	3 hrs									
	1904/206	Science Laboratory Techniques practical II	4 hrs									

DATE		PAPER CODE	PAPER NAME	DURATION
	366.	1905/106	Legal Aspects of Nutrition and Dietetics, HIV and AIDS, Introduction to Primary Health Care	3 hrs
	367.	1905/206	Maternal and Child Nutrition, Nutrition in the Lifecycle and Nutrition for Vulnerable Groups	3 hrs
	368.	2101/306	Production Technology & Metrology	3 hrs
	369.	2102/306	Plant Technology & practice	3 hrs
	370.	2103/306	Vehicle Technology & Practice	3 hrs
	371.	2104/306	Construction Plant Technology	3 hrs
	372.	2105/306	Agric. Machines, Implementation & Field Engineering	3 hrs
	373.	2106/306	Welding and Fabrication Technology	3 hrs
	374.	2107/306	Aircraft Propulsion	3 hrs
	375.	2108/306	Foundry Technology & Practice	3 hrs
	376.	2201/306	Instrumentation	3 hrs
	377.	2203/306	Communication Systems	3 hrs
	378.	2204/306	Power Electronics & Micro-processors	3 hrs
	379.	2205/306	Computer Applications	3 hrs
	380.	2206/306	Transmission of Measurement and Control Signals	3 hrs
	381.	2206/308	Aeronautics	3 hrs
	382.	2208/306	Hospital Engineering I and II	3 hrs
	383.	2301/306	Water Supply	3 hrs
	384.	2302/306	Waste Water	3 hrs
	385.	2304/306	Drilling, Mechanical and Electrical Technology	3 hrs
	386.	2305/306	Construction Management	3 hrs
	387.	2306/306	Construction Management	3 hrs
	388.	2307/306	Civil Engineering, Construction & Drawing	3 hrs
	389.	2308/306	Traffic Engineering	3 hrs
	390.	2309/306	Construction Management and Law	3 hrs
	391.	2310/306	Photogrammetry	3 hrs
	392.	2311/306	Topographic & Cadastral Cartography	3 hrs
	393.	2312/306	Survey Control & Engineering Survey	3 hrs
	394.	2313/306	Machine Printing & Print Finishing	3 hrs
	395.	2401/306	Fashion Design	3 hrs
	396.	2402/306	Food & Beverage Control	3 hrs
	397.	2403/306	Technology of Specific Products	3 hrs
	398.	2404/306 2407/306 2411/306	Laboratory Practice & Management	3 hrs
	399.	2405/306	Computing	3 hrs
	400.	2413/305	Reactor Engineering & Control	3 hrs
	401.	2422/305	Pre-Press Equipment Maintenance & Quality Control	3 hrs
	402.	2423/305	Press Equipment Maintenance & Quality Control	3 hrs
	403.	2424/305	Post press Equipment Maintenance & Quality Control	3 hrs
	404.	2426/103B 2427/103	Applied Sciences (Microbiology & Parasitology, Anatomy & Physiology)	3 hrs
	405.	2502/105	Plant Maintenance	3 hrs
	406.	2525/204 2921/204	Farm Management and Research Methodology	3 hrs
	407.	2525/304 2921/304	Sustainable Agriculture	3 hrs
	408.	2705/105 2707/105 2709/105	Building Construction I, Technical Drawing & Construction Plant	3 hrs
	409.	2710/105	Building Construction I and Construction Plant	3 hrs
	410.	2705/205	Building Construction II and Drawing II	3 hrs
	411.	2707/205	Building Construction II, Civil Engineering Construction II & Transportation Engineering I	3 hrs
	412.	2709/204 2710/204	Measurements of Building Works, Estimating & Costing I and Construction Management I	3 hrs
	413.	2705/304 2707/304 2709/304 2710/304	Construction Management II, Estimating and Costing II	3 hrs
	414.	2910/204	Farm Management and Agricultural Extension	3 hrs
	415.	2914/305	Microbiology and Parasitology II	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
	416.	2916/105	Legal Aspects of Nutrition, HIV & AIDS, Nutrition in HIV & AIDS, Maternal and Child Health	3 hrs
	417.	0401/211A	Pattern Drafting Practical	4 hrs
	418.	0504/104	Marine Engineering I	2½ hrs
	419.	0504/201	Marine Engineering II	2½ hrs
	420.	05041/104	General Marine Engineering knowledge I	2½ hrs
	421.	05041/204	General Marine Engineering knowledge II	2½ hrs
	422.	1080/217	Production Engineering I	3 hrs
	423.	1080/219	Plant Engineering I	3 hrs
	424.	1080/221	Automobile & Prime Movers Engineering I	3 hrs
	425.	1401/312	Pattern Drafting and Grading Practical	4 hrs
	426.	1402/312	Food & Beverage Control Theory	3 hrs
	427.	1403/312	Food Microbiology & Food Chemistry	3 hrs
	428.	1404/312	Leather Production	3 hrs
	429.	1405/312	Animal Production	3 hrs
	430.	1408/312	Physics Techniques	3 hrs
	431.	1409/312	Fish Handling, Processing & Preservation	3 hrs
	432.	1411/312	Printing Science	3 hrs
	433.	1412/312	Haematology & Immuno-Haematology	3 hrs
	434.	1601/104 1602/104	Technical Drawing	3 hrs
	435.	1704/104	Carpentry and Construction Materials I	3 hrs
	436.	1704/204	Building Services, Joinery & Construction Materials II	3 hrs
	437.	1819/105	Food & Beverage Service and Home Nursing theory	3hrs
	438.	1901/104	Geodynamics, Stratigraphy and Sedimentology	3 hrs
	439.	1901/204	Workshop Technology & Practice	3 hrs
	440.	1908/105	Food Processing & Preservation	3 hrs
	441.	1908/203	Fish Post-Harvest Management & Q.A	3 hrs
	442.	2418/306	Environment, Mon and Statuary Sculpture	3 hrs
	443.	2425/104	Agricultural Engineering I	3 hrs
	444.	2425/204	Agricultural Engineering II	3 hrs
	445.	2425/304	Agricultural Engineering III & Environmental Management	3 hrs
	446.	2426/203B 2427/204	Applied Science (Physical Science and Biochemistry)	3 hrs
	447.	2429/306A	Pharmacology & Therapeutics Theory	3 hrs
	448.	2521/105 2601/106 2602/106 2603/106	Electrical Measurement and Analogue Electronics I	3 hrs
	449.	3080/206	Building Economics	3 hrs
	450.	3081/206 3083/206 3084/206	Estimating and Costing	3 hrs
	451.	3082/206	Costing & Measurement. of Field Works	3 hrs
	452.	3301/216	Geodesy	3 hrs
	453.	3302/216	Photogrammetric Mapping	3 hrs
	454.	3303/216	Thematic & Special Purpose Mapping	3 hrs
	455.	4080/202	Inorganic Chemistry	3 hrs
	456.	4082/202	Animal Physiology II	3 hrs
	457.	4083/202	Histology II	3 hrs
	458.	4086/202	Histopathology II	3 hrs
	459.	4087/202	Chemical Pathology II	3 hrs
	460.	4089/202	Food Processing & Preservation	3 hrs
8.00 A.M. DAY 6 MONDAY 25TH JULY 2022				
	461.	1410/202	Law, History & Government	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
MONDAY 25 TH JULY 2022 8.00 A.M. DAY 6	462.	2101/303	Mechanical Technology	3 hrs
		2102/303		
		2103/303		
		2104/303		
		2105/303		
		2106/303		
		2107/303		
	2108/303			
	463.	2306/303	Building Const. Civil Eng. Constr. & Drawing	3 hrs
	464.	2309/303	Materials & Concrete Technology	3 hrs
	465.	2310/303	Land Surveying	3 hrs
		2311/304		
	466.	2401/303	Garment Cutting & Making Tech. Theory	3 hrs
	467.	2402/303	Food and Beverage Service & Sales Theory	3 hrs
		2419/303		
	468.	2403/301	Food Engineering	3 hrs
	469.	2405/303	Statistical Methods	3 hrs
	470.	2406/103	Principles and Practice of Management	3 hrs
	471.	2406/203	Applied Science	3 hrs
	472.	2406/303	Principles of Accounts	3 hrs
	473.	2407/303	Chemical Pathology	3 hrs
	474.	2411/303	Organic Chemistry	3 hrs
	475.	2413/303	Industrial Chemical Processes	3 hrs
	476.	2420/203	Bakery Control, Principles of Accounts & Communication Skills	3 hrs
	477.	2422/302	Printing Science & Materials Tech.	3 hrs
		2423/302		
		2424/302		
	478.	2426/302	Food Science & Technology	3 hrs
		2427/302		
	479.	2428/103	Community Based Organizations, Capacity Building & Empt	3 hrs
	480.	2428/203	Advocacy, Lobbying & Legal Aspects in Social Development	3 hrs
	481.	2428/303	Social Policy Administration and Disaster Management	3 hrs
482.	2429/303	Pharmaceutics	3 hrs	
483.	2501/104	Engineering Drawing I	3 hrs	
	2508/104			
484.	2502/104	Engineering Drawing I	3 hrs	
	2503/104			
	2509/104			
485.	2505/104	Technical Drawing and Workshop Technology	3 hrs	
486.	2525/104	Livestock Enterprise Management I	3 hrs	
487.	2921/104	Livestock Enterprise Management II	3 hrs	
	2525/203			
488.	2921/203	Livestock Enterprise Management III	3 hrs	
	2921/301			
489.	2528/204	Environmental Analytical Techniques and laboratory Management	3 hrs	
490.	2922/204	Environmental Analytical Techniques	3 hrs	
	2528/304			
491.	2705/103	Structures I and Construction Materials	3 hrs	
	2707/103			
	2709/103			
	2710/103			
492.	2705/202	Structures II, Geotechnology II and Concrete Technology II	3 hrs	
	2707/202			
	2709/202			
	2710/202			
493.	2705/302	Structures III	3 hrs	
	2709/302			
494.	2710/302	Structures III	3 hrs	
	2707/302			
495.	2802/103	Food and Beverage Production Theory	3 hrs	
496.	2802/203	Food And Beverage Control Theory	3 hrs	

DATE	PAPER CODE	PAPER NAME	DURATION
	497. 2802/303 2819/303 2920/303	Principles and Practice of Management	3 hrs
	498. 2803/103	Art, Fashion Design & Sketching and Cutting Technology I	3 hrs
	499. 2803/203	Fashion Design & Sketching II and Cutting Technology II Theory	3 hrs
	500. 2803/303	Fashion Marketing	3 hrs
	501. 2805/202	Case Management in Child Care and Protection	3 hrs
	502. 2805/302	Advocacy and Lobbying	3 hrs
	503. 2819/103	Food & Beverage Service and Control Theory	3 hrs
	504. 2830/104	Spinning Processes and Machinery	3 hrs
	505. 2830/204	Fabric Design and Analysis	3 hrs
	506. 2830/303	Fabric Processing, Machinery and Textile Design	3 hrs
	507. 2901/104	Geodynamics, Sedimentology, Stratigraphy and Policy Framework	3 hrs
	508. 2902/302	Prevention and Treatment Approaches	3 hrs
	509. 2902/102 2903/102 2904/102 2905/102 2906/102 2907/102 2908/102 2909/102 2911/102 2912/102	Introduction to Psychology and Lifespan Development	3 hrs
	510. 2902/203 2903/203 2904/203 2905/203 2906/203 2907/203 2908/203 2909/203 2911/203 2912/203	Contextual and Multicultural Issues in Counselling and Research Methods	3 hrs
	511. 2903/302	Contextual Issues	3 hrs
	512. 2904/302	Contextual Issues	3 hrs
	513. 2905/302	Contextual and Psychosocial Issues	3 hrs
	514. 2906/302	Contextual Issues, Sexuality and Disaster Management	3 hrs
	515. 2907/302	Contextual Issues In Marriage and Family Therapy	3 hrs
	516. 2908/302	Counselling For Persons With Special Needs and Disabilities	3 hrs
	517. 2909/302	Contextual Issues	3 hrs
	518. 2910/104	Livestock Enterprise Management I	3 hrs
	519. 2910/203	Livestock Enterprise Management II	3 hrs
	520. 2914/306	Applied Biology Practical III	4 hrs
	521. 2916/106	Food Safety and Hygiene, Food Production for Invalids and Convalescents and Nutrition Anthropology	3 hrs
	522. 2916/306	Industrial Organization and management, Product Development, Marketing and Sales.	3 hrs
	523. 2920/103	Baking Control I and Mathematics	3 hrs
	524. 2920/202	Baking control and Baking Material Science	3 hrs
	525. 3080/205	Measurements of Building Works	3 hrs
	526. 3081/203	Structures II	3 hrs
	527. 3083/203	Highway Engineering II	3 hrs
	528. 3084/205	Water Resources	3 hrs
	529. 1080/218	Production Engineering II	3 hrs
	530. 1080/220	Plant Engineering II	3 hrs
	531. 1080/222	Automobile & Prime Movers Engineering II	3 hrs
	532. 1102/313 1103/313 1105/313 1106/313	Workshop Organization & Management	3 hrs
	533. 1202/312	Electrical Principles	3 hrs
	534. 1204/314	Electrical Engineering Principles	3 hrs

DATE	PAPER CODE	PAPER NAME	DURATION
	535. 1501/102 1508/102 1509/102	Mechanical Science I and Electrical Principles	3 hrs
	536. 1501/202 1503/202 1508/202 1509/202	Workshop Organisation and Management	3 hrs
	537. 1503/102	Applied Science, Electrical and Electronics Principles	3 hrs
	538. 1504/102	Seamanship I	3 hrs
	539. 1504/202	Seamanship & Management	3 hrs
	540. 15041/102	Ship construction	3 hrs
	541. 15041/202	Cargo Handling and Stowage	3 hrs
	542. 1505/102	Ship Construction & Naval Architecture I	3 hrs
	543. 1505/202	Ship Construction & Naval Architecture II	3 hrs
	544. 15051/102	Introduction to Ship Construction and Naval Architecture	3 hrs
	545. 15051/202	Ship Construction and Workshop Technology	3 hrs
	546. 1521/202 1522/202 1601/202 1602/202	Workshop Organisation and Management	3 hrs
	547. 1804/205	Psychosocial Support and Provider Healthcare	3 hrs
	548. 1805/105	Foundations of Accounting	3 hrs
	549. 1805/205	Human Growth and Development	3 hrs
	550. 1903/104	Food Engineering I	3 hrs
	551. 1903/204	Food Processing and Preservation II	3 hrs
	552. 1906/104	Principles and Practices of Crop Production I, Seed Production and Soil Science	3 hrs
	553. 1906/202	Principles and Practices of Crop Production II	3 hrs
	554. 2080/204 2081/204 2082/204 2083/204	Control Systems	3 hrs
	555. 2107/308	Airfield & Safety Procedures	3 hrs
	556. 2201/304 2203/304 2204/304	Control Systems	3 hrs
	557. 2206/302	Control Systems	3 hrs
	558. 2207/306	Airfield & Safety Procedure	3 hrs
	559. 2209/103	Information Systems Management	3 hrs
	560. 2209/203	Programming II	3 hrs
	561. 2416/302 2417/302 2418/302	Socio – Cultural Studies	3 hrs
	562. 2501/204 2508/204	Engineering Drawing II and Design	3 hrs
	563. 2501/304 2502/304 2503/304 2508/304 2509/304	Thermodynamics and Fluid Mechanics	3 hrs
	564. 2502/204	Plant Engineering Drawing	3 hrs
	565. 2503/204 2509/204	Engineering Drawing and Design	3 hrs
	566. 2504/104	Navigation I	3 hrs
	567. 2504/204	Navigation II	3 hrs
	568. 2504/304	Navigation III	3 hrs
	569. 25041/104	Navigation I	3 hrs
	570. 25041/204	Navigation II	3 hrs
	571. 25041/304	Navigation III	3 hrs
	572. 2505/204	Engineering Drawing & Design	3 hrs
	573. 2505/304	Motor and Steam Engineering Knowledge	3 hrs
	574. 25051/104	Technical drawing and Workshop Technology	3 hrs
	575. 25051/204	Engineering Drawing and Design	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
	576.	25051/304	Maritime Conventions and Environment Protection	3 hrs
	577.	2506/104 2507/104	Engineering Drawing	3 hrs
	578.	2506/204 2507/204	Airfield Safety Procedures II and Research Methods	3 hrs
	579.	2506/304	Gas Turbine Engines	3 hrs
	580.	2507/304	Aircraft Communication, Surveillance and Navigation Systems	3 hrs
	581.	2521/104	Electrical Installation and Principles	3 hrs
	582.	2528/104 2922/104	Environmental Laboratory Practice	3 hrs
	583.	2805/103	Child Care and Protection	3 hrs
	584.	2901/204	Petroleum Geochemistry	3 hrs
	585.	2901/304	Geographic Information Science (GIS)	3 hrs
	586.	2910/304	Management of Natural Resources and Community Development	3 hrs
	587.	2913/105	Food Engineering I	3 hrs
	588.	2913/205	Food Engineering II	3 hrs
	589.	2913/305	Food Engineering III & Technology of Specific Products II	3 hrs
	590.	2914/105	Animal Husbandry, Museum and Herbarium Techniques	3 hrs
	591.	2915/105	Physical Chemistry I and Chemical Analytical Methods I	3 hrs
	592.	2914/205	Parasitology and Histology	3 hrs
	593.	2915/205	Physical Chemistry II	3 hrs
	594.	2915/305	Physical Chemistry III	3 hrs
	595.	3301/215	Survey Adjustments	3 hrs
	596.	3302/215	Photogrammetric Data Processing	3 hrs
	597.	3303/215	Cartographic Communication & Map Design	3 hrs
	598.	3402/204	Education Policy, Planning and Curriculum Management	3 hrs
	599.	4080/201	Physical Chemistry	3 hrs
	600.	4082/201	Animal Physiology I	3 hrs
	601.	4083/201	Histology I	3 hrs
	602.	4086/201	Histopathology I	3 hrs
	603.	4087/201	Chemical Pathology I	3 hrs
	604.	4089/201	Food Engineering Systems	3 hrs
8.00 A.M. DAY 7 TUESDAY 26TH JULY, 2022				
TUESDAY	605.	1080/214	Mechanics of Machines	3 hrs
26TH JULY 2022	606.	1401/314	Material Science	3 hrs
	607.	1403/314	Food Processing and Preservation II	3 hrs
	608.	1404/314	Footwear Goods Production	3 hrs
	609.	1405/314	Agricultural Extension Education & Home Economics	3 hrs
	610.	1406/314	Laundry Theory	3 hrs
	611.	1408/314	Biology Techniques	3 hrs
	612.	1409/314	Fisheries Management, Marketing & Utilization	3 hrs
8.00 A.M.	613.	1410/204	Human Growth, Development & Community Health	3 hrs
DAY 7	614.	1411/314	Press Operations & Maintenance	3 hrs
	615.	1412/311	Immunology & Medical Microbiology	3 hrs
	616.	1819/202	Laundry, Catering and Accommodation Premises Theory	3 hrs
	617.	1901/105	Engineering Drawing	3 hrs
	618.	1908/102	Fish Biology & Aquatic Ecology	3 hrs
	619.	1908/202	Fisheries Resource Management & Marketing	3 hrs
	620.	2201/303 2203/303 2206/303	Microprocessor Systems	3 hrs
	621.	2204/303	Electrical Power Systems	3 hrs
	622.	2205/303	Microprocessor Systems	3 hrs
	623.	2207/303	Communication & Navigation System	3 hrs
	624.	2208/302	Medical Electronics	3 hrs
	625.	2406/202	Laundry and Dry Cleaning Theory	3 hrs
	626.	2413/304	Thermodynamics and Fluid Mechanics	3 hrs
	627.	2416/303 2417/303 2418/303	Graphic Reproduction	3 hrs
	628.	2419/304	Principles of Accounting & Management	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
	629.	2521/304 2601/304	Power Electronics, Machines and Utilization	3 hrs
	630.	2601/104 2602/104 2603/104	Engineering Drawing , Materials and Workshop Technology	3 hrs
	631.	2602/304	Electromagnetic Field Theory & Communication Systems	3 hrs
	632.	2603/304	Electromagnetic Field Theory & Networking	3 hrs
	633.	2705/104 2707/104 2709/104 2710/104	Surveying I and Workshop Technology (Mechanical)	3 hrs
	634.	2709/205	Architectural Landscaping, Graphic design I Architectural Technology	4 hrs
	635.	2802/104	Food and Beverage Service Theory	3 hrs
	636.	2802/204 2819/204	Food Production Management Theory	3 hrs
	637.	2803/104	Pattern Construction I Practical	4 hrs
	638.	2805/301	Care for Children with Special needs, Guidance, Mentorship and Self-care.	3 hrs
	639.	2901/105	Petroleum Geology and Exploration Techniques	3 hrs
	640.	2902/301	Theories Of Addiction Counseling	3 hrs
	641.	2902/103 2903/103 2904/103 2905/103 2906/103 2907/103 2908/103 2909/103 2911/103 2912/103	Theories of Counselling I and Counselling skills	3 hrs
	642.	2902/201 2903/201 2904/201 2905/201 2906/201 2907/201 2908/201 2909/201 2911/201 2912/201	Theories of Counselling II and Personal Development II	3 hrs
	643.	2903/301	Growth and Development	3 hrs
	644.	2904/301	Theories and Practice Of Disaster Management and Crisis Intervention	3 hrs
	645.	2905/301	Theories, Process and Practice	3 hrs
	646.	2906/301	Human Development and Establishing Guidance and Counseling.	3 hrs
	647.	2907/301	Theories and Practice In Marriage and Family Therapy	3 hrs
	648.	2908/301	Introduction To Persons With Special Needs and Disabilities	3 hrs
	649.	2909/301	Christian Sacred Writings I & II (Old And New Testament) and Spirituality and Counselling	3 hrs
	650.	2913/301	Product Development, Industrial Organization & Management	3 hrs
	651.	2915/106	Analytical Chemistry Practical I	4 hrs
	652.	2920/104	Baking I Theory	3 hrs
	653.	2920/203	Baking II Theory (Bread & Confectionery)	3 hrs
	654.	2920/304	Baking III Theory (Bread and Confectionery)	3 hrs
	655.	3080/204 3082/204	Site Organisation, Administration and Work Study	3 hrs
	656.	3084/204	Irrigation Engineering	3 hrs
	657.	3301/213	Geophysics	3 hrs
	658.	3302/213	Remote Sensing	3 hrs
	659.	3303/213	Geography	3 hrs
	660.	3402/104	Communication, Marketing and Public Relations	3 hrs
	661.	1904/105	Biology Techniques I	3 hrs
	662.	1904/205	Biology Techniques II	3 hrs
	663.	1905/105	Introduction to Nutrition and Dietetics, Introduction to Nutrition Care Process and Principles of Human Nutrition	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
	664.	1905/205	Food Products for Invalids and Convalescents, Introduction to Behavioural Sciences and Nutrition Anthropology	3 hrs
	665.	2081/205 2082/205	Digital Electronics	3 hrs
	666.	2301/302 2302/302 2304/302	Hydraulics	3 hrs
	667.	2310/302 2311/302 2312/302 2313/302	Management	3 hrs
	668.	2403/302	Food Chemistry	3 hrs
	669.	2404/303	Microbiology, Parasitology & Immunology	3 hrs
	670.	2405/302	Applied Economics	3 hrs
	671.	2407/302	Haematology & Immuno-Haematology	3 hrs
	672.	2411/302	Inorganic Chemistry	3 hrs
	673.	2420/303	Principles & Pract. of Mgmt & Mktg; Legal Aspect of bakery Ind.	3 hrs
	674.	2425/102	Principles of Animal Production	3 hrs
	675.	2425/202	Animal Production II	3 hrs
	676.	2425/302	Animal Production III	3 hrs
	677.	2426/103A 2427/102	Legal Aspects of Dietetics & Communication Skills	3 hrs
	678.	2426/203A	Human Psychology & Computer Applications	3 hrs
	679.	2426/303 2427/303	Principles of Accounts and Practice of Management	3 hrs
	680.	2427/202	Human Psychology	3 hrs
	681.	2428/104	Communication Skills & Information Technology	3 hrs
	682.	2428/204	Statistics	3 hrs
	683.	2428/304	Transformation & Social Marketing	3 hrs
	684.	2429/304 A	Pharmaceutical Chemistry Theory	3 hrs
	685.	2501/105	Structural Fabrication Technology, Material and Metallurgy I	3 hrs
	686.	2501/205	Structural Fabrication Technology, Materials and Metallurgy II	3 hrs
	687.	2502/206	Building Services, Machine Installation, Refrigeration, Air conditioning and Ventilation	3 hrs
	688.	2503/105	Vehicle Technology	3 hrs
	689.	2503/205	Engines Technology and Bodywork	3 hrs
	690.	2504/105	General Ship Knowledge	3 hrs
	691.	2504/205	Maritime Conventions	3 hrs
	692.	25041/105	Seamanship and Meteorology	3 hrs
	693.	25041/205	Cargo handling and stowage	3 hrs
	694.	25041/305	Ship masters business and law	3 hrs
	695.	2505/105	Ship Construction and Naval Architecture I	3 hrs
	696.	2505/205	Marine Mechanical Technology I	3 hrs
	697.	2505/305	Marine Mechanical Technology II	3 hrs
	698.	25051/105	Ship Construction	3 hrs
	699.	25051/205	Applied Mechanics	3 hrs
	700.	25051/305	Applied Thermodynamics and Fluid Mechanics	3 hrs
	701.	2506/105 2507/105	Workshop Technology and Life Skills	3 hrs
	702.	2506/205	Aircraft Mechanical Technology I	3 hrs
	703.	2506/305	Aircraft Mechanical Technology II	3 hrs
	704.	2507/205	Measurement Technology	3 hrs
	705.	2507/305	Electromagnetic Field Theory	3 hrs
	706.	2508/105	Fabrication and Welding Technology, Materials and Metallurgy I	3 hrs
	707.	2508/205	Fabrication and Welding Technology, Materials and Metallurgy II	3 hrs
	708.	2509/105	Engine and Construction Plant I Technology I	3 hrs
	709.	2509/205	Vehicle and Construction Plant Technology II	3 hrs
	710.	2521/204 2601/204 2602/204 2603/204	Engineering Drawing and Circuit Analysis	3 hrs
	711.	2525/105 2921/105	Agricultural Engineering I	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
	712.	2525/205 2921/205	Agricultural Engineering II	3 hrs
	713.	2525/303 2921/303	Agricultural engineering III	3 hrs
	714.	2528/105 2922/105	Human Ecology and Economics	3 hrs
	715.	2528/205 2922/205	Environmental Resource Management and Economics	3 hrs
	716.	2910/105	Agricultural Engineering I	3 hrs
	717.	2910/205	Agricultural Engineering II	3 hrs
	718.	2910/305	Rural Sociology and Community Health	3 hrs
	719.	2916/103	Diet Therapy I, Meal Planning Management and Service and Principles Of Human Nutrition Practice	3 hrs
	720.	2916/203	Diet Therapy II and Nutrition in the Lifespan Theory	3 hrs
	721.	2916/303	Diet Therapy III and Nutrition Education and Counselling Theory	3 hrs
	722.	4080/205	Instrumentation I	3 hrs
	723.	4082/205	Microbiology I	3 hrs
	724.	4083/205	Museum Techniques I	3 hrs
	725.	4086/205	Parasitology I	3 hrs
	726.	4087/205	Immunology I	3 hrs
	727.	4089/205	Food Microbiology	3 hrs
8.00 A.M. DAY 8 WEDNESDAY 27TH JULY, 2022				
WEDNESDAY	728.	1080/215	Applied Thermodynamics	3 hrs
	729.	1401/315	Production Techniques	3 hrs
27TH JULY, 2022	730.	1405/315	Agricultural Engineering (Theory)	3 hrs
	731.	1406/315	Front Office Operations Theory	3 hrs
	732.	1410/205	Sociology, Research Methods & Comm. Skill	3 hrs
8.00 A.M.	733.	1412/314	Clinical Chemistry	3 hrs
	734.	1504/105	Marine Engineering & Environment Protection	3 hrs
DAY 8	735.	1504/1/105	General Marine Engineering Knowledge	3 hrs
	736.	1504/1/205	Watch keeping Practices and Meteorology	3 hrs
	737.	1505/105	Marine Engineering & Environment Protection	3 hrs
	738.	1505/1/105	Technical Drawing and Workshop Technology I	3 hrs
	739.	1505/1/205	Marine Electronic	3 hrs
	740.	1704/103	Building Construction I and Drawing	3 hrs
	741.	1901/106	Economics	3 hrs
	742.	1903/105	Food Processing and Preservation I	3 hrs
	743.	1906/105	Principles and Practices of Livestock Production I	3 hrs
	744.	1906/203	Principles and Practices of Livestock Production II	3 hrs
	745.	1908/104	Fish Culture & Nutrition	3 hrs
	746.	2080/205	Electrical Power Supply	3 hrs
	747.	2081/206 2083/205	Industrial Electronics	3 hrs
	748.	2201/302	Industrial Electronics	3 hrs
	749.	2208/303	Clinical Engineering I	3 hrs
	750.	2306/304	Measurement of Building and Civil Engineering Works	3 hrs
	751.	2309/304	Measurement Specs. & Costing	3 hrs
	752.	2313/304	Print Origination	3 hrs
	753.	2416/304	Illustration, Packing & Model Making	3 hrs
	754.	2417/304 2418/304	Multimedia Crafts & Draughtsmanship	4 hrs
	755.	2422/303 2423/303 2424/303	Graphic Design	3 hrs
	756.	2425/103	Agricultural Economics I and Extension Education	3 hrs
	757.	2425/203	Agricultural Economics II, Extension & Home Economics	3 hrs
	758.	2425/303	Farm Business Management & Extension	3 hrs
	759.	2429/305	Pharmacy Practice and Dispensing/Compounding	4 hrs
	760.	2521/205 2601/205	Electrical Power Generation, Transmission & Protection	3 hrs
	761.	2521/305 2601/305	Electrical Power Systems and Electro Magnetic Field Theory	3 hrs

DATE	PAPER CODE	PAPER NAME	DURATION
	762. 2601/105 2602/105 2603/105	Electrical Science & Solar Installation Technology	3 hrs
	763. 2602/205	Telecommunication Principles and industrial Measurements	3 hrs
	764. 2602/305	Data Communication & Networking	3 hrs
	765. 2603/205	Instrumentation Systems and Industrial Measurement	3 hrs
	766. 2603/305	Industrial Measurements II & Industrial Electronics	3 hrs
	767. 2803/204	Pattern Construction II and Grading techniques I Practical	4 hrs
	768. 2805/105	Introduction to Accounting	3 hrs
	769. 2805/305	Financial management	3 hrs
	770. 2819/104	Accommodation Operations Theory	3 hrs
	771. 2819/201	Accommodation Operations Management I & Law Theory	3 hrs
	772. 2819/301	Accommodation Operations Management II theory	3 hrs
	773. 2901/205	Earth science & Wave Theory	3 hrs
	774. 2901/305	Remote Sensing	3 hrs
	775. 3080/202	Construction Technology Paper I	3 hrs
	776. 2920/201	Accounting and Legal aspects	3 hrs
	777. 3081/204	Concrete and Timber Technology	3 hrs
	778. 3082/202	Construction Tech. Concrete Tech & Mechanical Plant	3 hrs
	779. 3083/204	Engineering Surveying	3 hrs
	780. 3084/202	Fluid Mechanics & Hydraulic Machines	3 hrs
	781. 3402/103	Financial Management of Education Institutions	3 hrs
	782. 3402/202	Entrepreneurship Education and Project Management	3 hrs
	783. 4080/206	Instrumentation II	3 hrs
	784. 4082/206	Microbiology II	3 hrs
	785. 4083/206	Museum Techniques II	3 hrs
	786. 4086/206	Parasitology II	3 hrs
	787. 4087/206	Immunology II	3 hrs
	788. 4089/206	Food Ingredients, Pest Control & Entomology	3 hrs
	789. 1504/204	Navigation	3 hrs
	790. 1504/204	Terrestrial and Coastal Navigation	3 hrs
	791. 1801/104	Textile Material Knowledge and Fabric Colouration Theory	3 hrs
	792. 1804/104	Child Growth and Development	3 hrs
	793. 1804/204	Family Reintegration and Community Empowerment	3 hrs
	794. 1805/104	Legal Aspects in social work	3 hrs
	795. 1805/204	Community Health, Administration and Management	3 hrs
	796. 1904/104	Chemistry Techniques I	3 hrs
	797. 1904/204	Chemistry Techniques II	3 hrs
	798. 1905/104	Food Science, Food Safety and Hygiene, Meal Planning Management and Service Theory	3 hrs
	799. 1905/204	Diet Therapy (Theory), Nutrition in HIV& AIDS and Management of Malnutrition	3 hrs
	800. 2101/304	Engineering Drawing & Design	3 hrs
	801. 2102/304	Plant & Work Services Drawing	3 hrs
	802. 2103/304 2104/304 2105/304	Engineering Drawing & Sketching	3 hrs
	803. 2106/304	Engineering Drawing, Pattern Dev. & Design	3 hrs
	804. 2107/304	Flight Mechanics	3 hrs
	805. 2108/304	Engineering Drawing and Design	3 hrs
	806. 2205/304	Quantitative Techniques	3 hrs
	807. 2206/304	Measurement Systems	3 hrs
	808. 2207/304	Digital Principles & Microprocessors	3 hrs
	809. 2305/304	Building Technology & Drawing	3 hrs
	810. 2307/304	Soil Mechanics & Hydraulics	3 hrs
	811. 2308/304	Soil Mechanics & Hydraulics	3 hrs
	812. 2310/304 2312/304	Cartography	3 hrs
	813. 2401/304	Textile Science	3 hrs
	814. 2402/304	Principles of Accounts	3 hrs
	815. 2403/304	Food Microbiology	3 hrs
	816. 2404/304	Biochemistry, Anatomy & Physiology	3 hrs
	817. 2405/304	Applied Statistics	3 hrs

DATE	PAPER CODE	PAPER NAME	DURATION
	818. 2407/304	Immunology	3 hrs
	819. 2411/304	Chemical Analytical Methods and Biochemistry	3 hrs
	820. 2501/106	Tool Room Process Technology I	3 hrs
	821. 2501/206	Tool Room Processes Technology II and Metrology	3 hrs
	822. 2502/106 2503/106 2509/106	Materials and workshop Technology	3 hrs
	823. 25041/206	Watch keeping practices (Theory)	3 hrs
	824. 2505/106	Marine Engineering and Environmental Protection	3 hrs
	825. 2505/206	Maritime Law	3 hrs
	826. 25051/106	General Marine and Motor Engineering knowledge I	3 hrs
	827. 25051/206	General Marine Engineering Knowledge II	3 hrs
	828. 25051/306	Motor Engineering Knowledge II	3 hrs
	829. 2506/106 2507/106	Airframe Structures, Airfield Safety and Procedures	3 hrs
	830. 2506/206	Airframe Systems I	3 hrs
	831. 2506/306 2507/306	Data and Computer Networks	3 hrs
	832. 2507/206	Communication and Telecommunication Systems	3 hrs
	833. 2508/106	Metal Technology and Joining Processes I	3 hrs
	834. 2508/206	Metal Technology and Joining Processes II	3 hrs
	835. 2508/306	Welding Processes	3 hrs
	836. 2705/203	Construction Management I and Workshop Technology II	3 hrs
	837. 2705/303 2709/303 2710/303	Building Construction, Drawing III and Services	3 hrs
	838. 2707/203	Construction Management I, Workshop Technology II & Water Supply	3 hrs
	839. 2707/303	Building Constriction III and Transportation Engineering II	3 hrs
	840. 2709/203 2710/203	Building Construction II, Workshop Technology II	3 hrs
	841. 2805/204	Child and Adolescent Counselling and Family Care for Children	3 hrs
	842. 2902/304	Psychoactive Substances and Comorbidity	3 hrs
	2902/104 2903/104 2904/104 2905/104 2906/104 2907/104 2908/104 2909/104 2911/104 2912/104	Contextual, Ethical and Legal Issues in Counselling	3 hrs
	843. 2902/204 2903/204 2904/204 2905/204 2906/204 2907/204 2908/204 2909/204 2911/204 2912/204	Abnormal Behaviour and Psychological Testing	3 hrs
	844. 2903/304	Guidance and Counselling Techniques and Psychological Assessment	3 hrs
	845. 2904/304	Disaster, Stress and Conflict Management	3 hrs
	846. 2905/304	HIV Management	3 hrs
	847. 2906/304	Introduction to and Practice of Guidance and Counselling and Mental Health.	3 hrs
	848. 2907/304	Sociology and Trends In Marriage and Family Therapy	3 hrs
	849. 2908/304	Contextual Issues and Personal Development	3 hrs
	850. 2909/304	Christian Counselling Theories, Biblical Doctrine, Major World Religions and African Traditional Religions	3 hrs
	851. 2913/104	Agricultural Production and General Microbiology	3 hrs
	852. 2913/204	Food Processing and Preservation I	3 hrs
	853. 2913/303	Food Processing and Preservation II	3 hrs
	854. 2914/104	Taxonomy, Cytology and Microbiology	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
	855.	2915/104	Organic and Inorganic Chemistry I	3 hrs
	856.	2914/204	Biochemistry and Genetics	3 hrs
	857.	2915/204	Organic and inorganic Chemistry II	3 hrs
	858.	2914/304	Immunology and Biochemistry	3 hrs
	859.	2916/201	Basic Biochemistry and Introduction to Biostatistics.	3 hrs
	860.	2916/301	Food Microbiology, Parasitology and Food Security	3 hrs
8.00 A.M. DAY 9 THURSDAY 28TH JULY, 2022				
THURSDAY 28TH JULY 2022 8.00 A.M. DAY 9	861.	1202/313	Electrical Installation Technology	3 hrs
	862.	1204/315	Electronic Technology	3 hrs
	863.	1301/313 1304/313 1305/313	Site & Workshop Management	3 hrs
	864.	1308/313	Work Planning & Management	3 hrs
	865.	1309/313	Site Management	3 hrs
	866.	1314/103	Construction Technologies I	3 hrs
	867.	1314/203	Irrigation and Drainage	3 hrs
	868.	1401/313	Garment Designing, Cutting & Making Theory	3 hrs
	869.	1402/313	Food & Beverage Service Theory	3 hrs
	870.	1403/313	Food Processing & Preservation I	3 hrs
	871.	1404/313	Leather Goods Production	3 hrs
	872.	1405/313	Agricultural Economics & Farm Management	3 hrs
	873.	1406/313	Housekeeping & Maintenance Theory	3 hrs
	874.	1408/313	Chemistry Techniques	3 hrs
	875.	1409/313	Food Chemistry, Microbiology & Engineering	3 hrs
	876.	1410/203	Project Dev., Management, Econ. & Admin.	3 hrs
	877.	1411/313	Surface Preparations	3 hrs
	878.	1412/313	Parasitology & Histology	3 hrs
	879.	1801/103	Workshop Organisation Management and General Information	3 hrs
	880.	1802/103	Food and Beverage Production Theory	3 hrs
	881.	1802/203	Food and Beverage Service and Sales Theory	3 hrs
	882.	1804/103	Child Health and Safety	3 hrs
	883.	1804/203	Case Management, Discipline and Behaviour Management	3 hrs
	884.	1805/103	Kiswahili	3 hrs
	885.	1805/203	History and Government of Kenya	3 hrs
	886.	1819/103	Food & Beverage Production and Control Theory	3 hrs
	887.	1901/103	Environmental Health, Safety, Legal and Policy Framework	3 hrs
	888.	1901/203	Petroleum Geology & The Fundamentals of Petroleum Exploration & Production	3 hrs
	889.	1903/103	Agricultural Production and Microbiology	3 hrs
	890.	1903/203	Food Engineering II	3 hrs
	891.	1904/103	Physics Techniques I	3 hrs
	892.	1904/203	Physics Techniques II	3 hrs
	893.	1905/103	Food Science, Food Safety and Hygiene, Meal Planning Management and Service Practice.	3 hrs
894.	1905/203	Diet Therapy and Demonstration Techniques Practice	3 hrs	
895.	1906/103	Foundations of Sustainable Ecological Agriculture and Occupational Safety	3 hrs	
896.	1906/204	Appropriate Technology, Agro-Processing and Value Addition	3 hrs	
897.	1908/103	Food Chemistry & Microbiology	3 hrs	
898.	2080/202 2081/202 2082/202 2083/202 1080/212	Industrial Org. & Management	3 hrs	
899.	2101/302 2102/302 2103/302 2104/302 2105/302 2106/302 2107/302 2108/302	Industrial Organisation & Management	3 hrs	

DATE		PAPER CODE	PAPER NAME	DURATION
	900.	2201/305 2203/305 2204/305 2206/305 2208/305	Industrial Organisation & Management	3 hrs
	901.	2205/305	Industrial Org. & Management	3 hrs
	902.	2207/305	Industrial Org. & Management	3 hrs
	903.	2209/102	Computer Applications	3 hrs
	904.	2209/202	Programming I	3 hrs
	905.	2209/302	Data Communications	3 hrs
	906.	2710/106	Architectural Communication and Technical Drawing	3 hrs
	907.	2913/106	Applied Science and Microbiology Practical	4 hrs
	908.	2301/304 2302/304	Surveying	3 hrs
	909.	2304/304	Photogeology	3 hrs
	910.	2305/302 2307/302 2308/302	Surveying	3 hrs
	911.	2306/302	Surveying	3 hrs
	912.	2309/302	Construction Technology & Services	3 hrs
	913.	2401/305	Industrial Org. & Management	3 hrs
	914.	2413/302	Industrial Org. & Management	3 hrs
	915.	2428/306	Gender Development & Community Leadership	3 hrs
	916.	2501/102 2502/102 2503/102 2508/102 2509/102	Mechanical Science & Electrical Principles	3 hrs
	917.	2501/202 2502/202 2503/202 2508/202 2509/202	Strength of Materials and Mechanics of Machines	3 hrs
	918.	2501/302 2503/302 2508/302 2509/302	Control Systems and Instrumentation	3 hrs
	919.	2502/302	Control Systems and Automation	3 hrs
	920.	2504/102	Marine Engineering & Construction Theory	3 hrs
	921.	2504/202	Ship Construction and Cargo Work II	3 hrs
	922.	2504/301	Marine Law and Management	3 hrs
	923.	2504/1/102	Ship construction	3 hrs
	924.	2504/1/202	Ship stability	3 hrs
	925.	2504/1/302	Marine Technology	3 hrs
	926.	2505/102	Marine Electrical and Electronics Technology	3 hrs
	927.	2505/202	Maritime Electronics Technology	3 hrs
	928.	2505/302	Marine Electrical, Instrumentation and Control Technology	3 hrs
	929.	2505/1/102	Marine Electrical Technology I	3 hrs
	930.	2505/1/202	Marine Electrical Technology II	3 hrs
	931.	2505/1/302	Marine Instrumentation Control Engineering	3 hrs
	932.	2506/102 2507/102	Aircraft Electrical Technology	3 hrs
	933.	2506/202 2507/202	Electronics and Control Systems	3 hrs
	934.	2506/302	Flight Mechanics	3 hrs
	935.	2507/302	Micro Controllers Technology	3 hrs
	936.	2521/103	Engineering Science and Drawing	3 hrs
	937.	2521/203 2601/202 2602/202 2603/202	Digital and Analogue Electronics	3 hrs
	938.	2521/302 2601/302 2602/302 2603/302	Microcontrollers and Microprocessor Systems	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
	939.	2528/103 2922/103	Environmental Biology	3 hrs
	940.	2528/203 2922/203	Environmental Microbiology	3 hrs
	941.	2528/303 2922/303	Environmental Biochemistry and toxicology	3 hrs
	942.	2601/102 2602/102 2603/102	Physical, Mechanical Science and Electrical Principles	3 hrs
	943.	2802/102	Catering Premises, Equipment and Mathematics	3 hrs
	944.	2802/202	Nutrition, Diet Therapy and Home Nursing	3 hrs
	945.	2802/302 2920/302	Sales and marketing	3 hrs
	946.	2803/102	Textile Science and Clothing Construction I Theory	3 hrs
	947.	2803/202	Textile Science II and Clothing Construction II Theory	3 hrs
	948.	2803/302	Clothing Construction III Theory	3 hrs
	949.	2805/102	Child Growth development and Psychology	3 hrs
	950.	2805/203	Children in Juvenile Justice Systems and Behaviour Modification.	3 hrs
	951.	2805/304	Principles and Practices of Management	3 hrs
	952.	2819/102	Food & Beverage Production ,Nutrition & Mathematics	3 hrs
	953.	2819/202	Diet Therapy, Hospitality Accounting & Control II Theory	3 hrs
	954.	2901/103	Engineering Drawing, W/Shop Technology, Environmental Health and Safety management	3 hrs
	955.	2901/203	Rocks, Fluids & Reservoir Geophysics	3 hrs
	956.	2901/303	Petroleum Exploration & Drilling	3 hrs
	957.	2910/103	Crop Enterprise Management I and Foundations of Sustainable Agriculture	3 hrs
	958.	2910/303	Development economics and Agricultural marketing	3 hrs
	959.	2913/203	Technology of Specific Products I	3 hrs
	960.	2914/103 2915/103	Laboratory and Workshop Practice	3 hrs
	961.	2914/203	Ecology and Plant Husbandry	3 hrs
	962.	2915/203	Chemical Analytical Methods II and Biochemical Techniques	3 hrs
	963.	2914/303	Soil Science, Aquarium and Vivarium Techniques	3 hrs
	964.	2915/303	Industrial Chemistry II and Quality Assurance	3 hrs
	965.	2920/102	Food Science and Nutrition	3 hrs
	966.	3080/201 3081/201 3082/201 3083/201	Mathematics	3 hrs
	967.	3301/211 3302/211 3303/211	Mathematics	3 hrs
	968.	4080/207 4082/207 4083/207 4086/207 4087/207 4089/207	Management and Statistics	3 hrs
8.00 A.M. DAY 10 FRIDAY 29TH JULY, 2022				
FRIDAY 29TH JULY 2022	969.	2080/203 2081/203 2082/203 2083/203	Electrical Measurements	3 hrs
	970.	2301/301 2302/301 2304/301	Mathematics	3 hrs
8.00 A.M. DAY 10	971.	2305/301 2306/301 2307/301 2308/301 2309/301	Mathematics	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
	972.	2310/301 2311/301 2312/301 2313/301	Mathematics	3 hrs
	973.	2405/301	Mathematics	3 hrs
	974.	2416/306	Publication Design	3 hrs
	975.	2417/306	Painting Art	3 hrs
	976.	2426/102 2427/101B	Nutrition, Community Health & Diet Therapy I Theory	3 hrs
	977.	2422/304	Graphic Reproduction	3 hrs
	978.	2423/304	Proofing & Surface Preparation	3 hrs
	979.	2424/304	Finishing Binding and Ancillary operations	3 hrs
	980.	2426/202 2427/201B	Nutrition & Diet Therapy II Theory	3 hrs
	981.	2429/304B	Pharmaceutical Chemistry Practical	4 hrs
	982.	2521/102 2601/103 2602/103 2603/103	Engineering Mathematics I	3 hrs
	983.	2521/201 2601/203 2602/203 2603/203	Engineering Mathematics II	3 hrs
	984.	2521/301 2601/303 2602/303 2603/303	Engineering Mathematics III	3 hrs
	985.	2802/304 2819/304	Food and Beverage Service and Sales Management Theory	3 hrs
	986.	2803/304	Pattern Construction III and Grading techniques II Practical	4 hrs
	987.	2805/104	Child Health Care and Nutrition	3 hrs
	988.	2805/205	Community Development in Child care and Protection	3 hrs
	989.	2916/102	Mathematics and Physical Science	3 hrs
	990.	2916/202	Diet Therapy II and Nutrition in the Lifespan Practice	3 hrs
	991.	2916/302	Diet Therapy III and Nutrition Education and Counselling Practice	3 hrs
	992.			
	993.	1501/103 1508/103 1509/103	Mathematics I	3 hrs
	994.	1501/203 1508/203 1509/203	Mathematics II and Mechanical Science II	3 hrs
	995.	1503/103	Mathematics I	3 hrs
	996.	1503/203	Mathematics II	3 hrs
	997.	1504/103 1505/103	Mathematics & Applied Science I	3 hrs
	998.	1504/203 1505/203	Mathematics & Applied Science II	3 hrs
	999.	15041/103 15051/103	Mathematics I and Applied science I	3 hrs
	1000.	15041/203	Mathematics II	3 hrs
	1001.	15051/203	Mathematics II and Applied science II	3 hrs
	1002.	1521/103	Electrical and Electronic Technology	3 hrs
	1003.	1521/203 1522/203 1601/203 1602/203	Mathematics II	3 hrs
	1004.	1601/103 1602/103	Mathematics I	3 hrs
	1005.	1704/102	Mathematics I and Physical Science	3 hrs
	1006.	1704/202	Mathematics II	3 hrs
	1007.	1507/111 1907/103	Baking & Confectionary Making I Theory	3 hrs
	1008.	1507/211 1907/203	Baking & Confectionary Making II Theory	3 hrs

DATE		PAPER CODE	PAPER NAME	DURATION
		1009. 1819/201	House Keeping and Front office Theory	3 hrs
		1010. 2404/302	Cytology, Histology & Genetics	3 hrs
		1011. 2406/102	House Keeping Management Theory	3 hrs
		1012. 2406/301	Front Office Theory	3 hrs
		1013. 2420/202	Bread Making & Flour Conf. Theory II	3 hrs
		1014. 2420/302	Bread Making & Flour Conf. Theory III	3 hrs
		1015. 2428/102	Development Economics & Entrepreneurship Education	3 hrs
		1016. 2428/202	Resource Management HIV/AIDS	3 hrs
		1017. 2428/302	Counselling Psychology, Social Rehab. & Reintegration	3 hrs
		1018. 2525/103 2921/103	Crop Enterprise Management I	3 hrs
		1019. 2525/202 2921/202	Crop Enterprise Management II	3 hrs
		1020. 2525/302 2921/302	Agro Processing and Value Addition	3 hrs
		1021. 2830/103	Introduction To Textile Technology, Spinning Preparation and Quality Control	3 hrs
		1022. 2830/203	Industrial Organisation and Management and Quality Control in Knitting and Weaving	3 hrs
		1023. 2830/304	Industrial Organization and Management II	3 hrs
		1024. 3080/203	Construction Technology Paper II	3 hrs
		1025. 3081/202	Structures I	3 hrs
		1026. 3082/203 3084/203	Structures Including Highways Eng.	3 hrs
		1027. 3083/202	Highway Engineering I	3 hrs
		1028. 3301/212 3302/212 3303/212	Land Law, Environment, Physical, Planning Studies & GIS	3 hrs
		1029. 3402/102	Management of Human Resources and Guidance and Counselling	3 hrs
		1030. 3402/203	Research in Education and Training	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:
- 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;
 - 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;
 - 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