

Model Curriculum

Vision Technician

SECTOR: HEALTHCARE

SUB-SECTOR: ALLIED HEALTH & PARAMEDICS

OCCUPATION: VISION TECHNICIAN

REF ID: HSS/Q3001, VERSION 1.0

NSQF LEVEL: 3



Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

HEALTHCARE SECTOR SKILL COUNCIL

for the

MODEL CURRICULUM

Complying to National Occupational Standards of
Job Role/ Qualification Pack: 'Vision Technician' QP No. 'HSS/Q 3001 NSQF Level 3'

Date of Issuance: **November 30th, 2015**

Valid up to: **November 29th, 2016**

* Valid up to the next review date of the Qualification Pack


Authorised Signatory
(Healthcare Sector Skill Council)

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Vision Technician

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Vision Technician”, in the “Healthcare” Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	<Vision Technician >		
Qualification Pack Name & Reference ID.	HSS/Q3001, version 1.0		
Version No.	1.0	Version Update Date	15 – 12 – 2015
Pre-requisites to Training	Preferably Class XII in Science, Class X can be considered in certain situations		
Training Outcomes	<p>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none"> • Demonstrate knowledge and understanding about the role of Vision technician in the healthcare settings. • Demonstrate the ability to perform clinical skills essential in performing administrative and certain clinical duties i.e. scheduling appointments, maintaining medical records, recording vital signs and medical histories, preparing patients for examination, and dispensing ophthalmic prescription. • Demonstrate safe handling of devices and positioning of patient for measurement of visual acuity. • Demonstrate ability to guide & educate patient on relevant information under the guidance or supervision of ophthalmologist. • Demonstrate bio medical waste management. • Practice infection control measures. • Demonstrate safe practices to use equipment's required in their role. • Demonstrate safe handling and storing of documents, record maintenance etc. • Demonstrate techniques to maintain the personal hygiene needs • Demonstrate professional behavior, personal qualities and characteristics of a Vision Technician • Demonstrate good communication and team worker ability in the role of Vision Technician 		

This course encompasses 12 out of 12 National Occupational Standards (NOS) of “Vision Technician” Qualification Pack issued by “SSC: Healthcare Sector Skill Council”.

S.No	Module	Key Learning Outcomes	Equipment Required
1	<p>Introduction to Healthcare Systems & Ophthalmology Services</p> <p>Theory Duration (hh:mm) 03:00</p> <p>Practical Duration (hh:mm) 02:00</p> <p>Corresponding NOS Code Introduction</p>	<ul style="list-style-type: none"> • Basic Understanding of Healthcare Service Providers (primary, secondary & tertiary) • Basic Understanding of Hospital Functions • Basic understanding of Ophthalmology Department, it's facilities & services to patients 	Visit to Eye Centers
2	<p>Role Of Vision Technician</p> <p>Theory Duration (hh:mm) 03:00</p> <p>Practical Duration (hh:mm) 07:00</p> <p>Corresponding NOS Code HSS/ N 3001, 3002, 3003, 3004, 5505, 5506</p>	<ul style="list-style-type: none"> • To develop broad understanding of the functions to be performed by Vision Technician • Develop understanding to perform test for visual acuity, patient position and rightly assessing refractive status • To determine the patient's visual needs • To maintain, manage, calibration of instruments used in ophthalmology department or eye care facility • To assist the physician/Ophthalmologist during eye examination and procedure/ treatment • To Identify any cultural and special needs that may influence performance of test • To develop Understanding of Patient Comfort and Safety • To exhibit ethical behavior and understanding of administrative functions 	Self learning and understanding
3	<p>Ocular Anatomy & Physiology</p>	<ul style="list-style-type: none"> • Understanding different parts of eye and their functions • To develop an understanding regarding physiology of 	Mannequin, ocular anatomy and physiology, E-modules to learn

	<p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 07:00</p> <p>Corresponding NOS Code HSS/ N 3001, 3002, 3003, 3004</p>	<p>the eye, visual system, control of eye movements, streaming of visual information</p> <ul style="list-style-type: none"> To understand the functions of different part of eye 	about it
4	<p>Introduction To Ophthalmology Related Medical Terminology</p> <p>Theory Duration (hh:mm) 06:00</p> <p>Practical Duration (hh:mm) 02:00</p> <p>Corresponding NOS Code HSS/ N 3001, 3002, 3003, 3004, 5505, 5506</p>	<ul style="list-style-type: none"> Understand appropriate use of Ophthalmology related medical terminology in daily activities with colleagues, patients and family 	E-modules to learn about the same
5	<p>Common Eye Disease</p> <p>Theory Duration (hh:mm) 07:00</p> <p>Practical</p>	<ul style="list-style-type: none"> To gain broad understanding regarding common eye diseases 	Chart demonstration, visit to ophthalmic department for better understanding

	<p>Duration (hh:mm) 03:00</p> <p>Corresponding NOS Code HSS/ N 3001, 3002, 3003, 3004, 5505, 5506</p>		
6	<p>Personnel Hygiene Of Vision Technician</p> <p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 05:00</p> <p>Corresponding NOS Code HSS / N / 9606</p>	<ul style="list-style-type: none"> To develop understanding of the concept of Healthy Living To develop understanding & procedures of Hand Hygiene To develop techniques of Grooming To be equipped with Techniques of Use of PPE To be vaccinated against common infectious diseases of eye 	Self learning and understanding
7	<p>Sanitation , Safety & First Aid</p> <p>Theory Duration (hh:mm) 06:00</p> <p>Practical Duration (hh:mm) 04:00</p> <p>Corresponding NOS Code HSS/ N 9603, 9606</p>	<ul style="list-style-type: none"> To develop understanding and precautions to maintain hygiene and safety Describe common emergency conditions and what to do in medical emergencies Describe basics of first aid To be able to identify ophthalmic emergencies To be able to clean, disinfect, and sterilize contact lenses. To develop understanding and precautions to ensure self-safety 	Patient safety tools such as wheel chairs, trolleys, side rails, PPE, First Aid kit, betadine, cotton, bandages, sanitizers, disinfectants etc.
8	<p>Bio Medical Waste</p>	<ul style="list-style-type: none"> To gain understanding of importance of proper and safe disposal of bio-medical waste & treatment 	Different coded color bins,

	<p>Management</p> <p>Theory Duration (hh:mm) 02:00</p> <p>Practical Duration (hh:mm) 03:00</p> <p>Corresponding NOS Code HSS/N/0501, HSS/N/0502, HSS/N/0503, HSS/N/0504, HSS/N/0505, HSS/N/0506, HSS/N/0507</p>	<ul style="list-style-type: none"> To gain understanding of categories of bio-medical waste To learn about disposal of bio-medical waste – colour coding, types of containers, transportation of waste, etc. To gain broad understanding of standards for bio-medical waste disposal To gain broad understanding of means of bio-medical waste treatment 	<p>different variety of bio medical waste management, Visit to treatment plant of bio medical waste etc.</p>
9	<p>Soft Skills & Communication – I</p> <p>Theory Duration (hh:mm) 03:00</p> <p>Practical Duration (hh:mm) 02:00</p> <p>Corresponding NOS Code HSS/N 9601</p>	<ul style="list-style-type: none"> Understand art of effective communication and be able to respond to queries and information needed Able to handle effective Communication with Patients & Family Able to handle effective Communication with Peers/ colleagues using medical terminology in communication Able to maintain confidentiality and respecting need for privacy 	<p>Self-learning and understanding</p>
10	<p>Measurement of Vitals</p> <p>Theory Duration (hh:mm) 02:00</p>	<ul style="list-style-type: none"> To be able to measure vital parameters like Pulse, BP, Temperature, Respiration, Height and Weight of patient To be able to raise alarm in case of deviation of vital parameters from normal diseases 	<p>Vitals assessing equipment's, mannequins, patient trolley, wheel chair etc</p>

	<p>Practical Duration (hh:mm) 03:00</p> <p>Corresponding NOS Code Introductory</p>		
11	<p>History Taking</p> <p>Theory Duration (hh:mm) 02:00</p> <p>Practical Duration (hh:mm) 03:00</p> <p>Corresponding NOS Code HSS/N3001</p>	<ul style="list-style-type: none"> To be well acquainted with clinical notes writing , assessment forms and formats as per HCO policies To develop broad understanding regarding obtaining and recording the history of patient 	Use of internet to adopt best practises across the world, confidentiality methods etc.
12	<p>Patient Positioning For Procedure</p> <p>Theory Duration (hh:mm) 10:00</p> <p>Practical Duration (hh:mm) 10:00</p> <p>Corresponding NOS Code HSS/N 3002, 3004</p>	<ul style="list-style-type: none"> To develop understanding of providing comfortable position for a patient To develop broad understanding of position and alignment of patient at the correct distance from the test chart 	Mannequin, Chair, test chart
13	<p>Basic Optics</p>	<ul style="list-style-type: none"> To understand the principles, concepts of light and 	Equipment's to assess visual

	<p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 06:00</p> <p>Corresponding NOS Code HSS/N 3002</p>	<p>vision</p> <ul style="list-style-type: none"> • Understanding Eye as refractive apparatus • To develop an understanding for prescription of Glasses & lenses 	<p>acuity, torch, occlude, pinhole, Snellen charts, patient table, lenses, glasses</p>
14	<p>Ophthalmic Lens, Refraction Errors & Correction Of Errors</p> <p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 05:00</p> <p>Corresponding NOS Code HSS/N 3002, 3003</p>	<ul style="list-style-type: none"> • To gain understanding regarding ophthalmic glasses, Astigmatic lenses, Prisms, contact lens, measurement and unit of power etc • To understand the principles, concepts, instruments, and methods in optics • Understanding of geometric optics • To develop an understanding of clinical optics 	<p>Focimeters, torch, occlude, pinhole, Snellen charts, patient table, lenses, glasses, gauges, laboratory forms, spectacles, prisms etc</p>
15	<p>Vision Assessment</p> <p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 05:00</p>	<ul style="list-style-type: none"> • To know different ways to check visual acuity • To be able to conduct torch examination of different parts of eye • To be able to select appropriate visual acuity test and correct illumination in a testing room • Understanding of using Snellen chart according to patient preferences • To be able to use occluder and pinhole • To be able to instill mydriatic or cycloplegic drops or ointments as indicated 	<p>Focimeters, torch, occlude, pinhole, Snellen charts, patient table, lenses, glasses, gauges, laboratory forms, spectacles, prisms etc</p> <p>Equipment's to assess visual acuity, torch, occlude, pinhole, Snellen charts,</p>

	<p>Corresponding NOS Code HSS/N 3002, 3003</p>		patient table, lenses, glasses
16	<p>Spectacles ; Preparation & Dispensing</p> <p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 06:00</p> <p>Corresponding NOS Code HSS / N / 3004</p>	<ul style="list-style-type: none"> To be able to confirm patient's existing use of optical correction To develop broad understanding for evaluating optical prescription of spectacles prescribed by specialist To distinguish between different types of lenses To be able to identify the optical centre of a lens and lens decentration To understand regarding principles of focimetry and different types of focimeters To obtain various facial frame measurements using standard measuring devices To be able to differentiate between frame & lens To develop broad understanding for filling laboratory order forms To be able to utilize lens focimeters, gauges, and clocks to ascertain power, axis, major (prism) reference positions, center and edge thicknesses, and prism for single-vision and multi-focal lenses. 	Focimeters, torch, occlude, pinhole, Snellen charts, patient table, lenses, glasses, gauges, laboratory forms, spectacles, prisms etc
17	<p>Ophthalmic Equipment</p> <p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 05:00</p> <p>Corresponding NOS Code HSS/N 3001, 3002, 3003, 3004</p>	<ul style="list-style-type: none"> To understand regarding equipment used in ophthalmology department and their storage process To gain understanding regarding cleaning & sterilization of instrument, fumigation, Swab, pads, drums, autoclaving. To be able to verbalize the role of VT before any surgical procedure or operation or any procedure To be able to understand requirements and protocols for maintenance and calibration of equipment 	Ophthalmic equipment's (as mentioned below in the table), steriliser & Fumigator, swab, pads, drums, autoclave etc
18	<p>Soft Skills And Communication II</p>	<ul style="list-style-type: none"> Learn basic reading and writing skills Learn sentence formation Learn grammar and composition 	Self-learning and understanding

	<p>Theory Duration (hh:mm) 03:00</p> <p>Practical Duration (hh:mm) 05:00</p> <p>Corresponding NOS Code (HSS/N 9601)</p>	<ul style="list-style-type: none"> Learn how to enhance vocabulary Learn Goal setting, team building, team work, time management, thinking and reasoning & communicating with others 	
19	<p>Common Ophthalmic Emergencies</p> <p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 05:00</p> <p>Corresponding NOS Code INTRODUCTORY</p>	<ul style="list-style-type: none"> Understand the common ophthalmic emergencies To understand what to do in ophthalmic emergencies To gain understanding regarding organization's emergency procedures and responsibilities for handling emergencies situations 	Tools and equipment's to handle emergency situations, crash cart trolley, O2 cylinder etc
20	<p>Sensitization Towards Organization Policies & Procedure</p> <p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 02:00</p>	<ul style="list-style-type: none"> Understand the need to follow organization policies and procedures Understand techniques to remove spills in accordance with policies and procedures of the organization 	Internet use to learn best practises

	<p>Corresponding NOS Code HSS/ N 9603 HSS/ N 9607</p>		
21	<p>Observing And Reporting</p> <p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 05:00</p> <p>Corresponding NOS Code (HSS/N 5505, 3001, 3002, 3003</p>	<ul style="list-style-type: none"> Understand the importance of observing and reporting before, during & after procedure Understanding the importance of timely information to the appropriate authority in case of routine and emergency situations. 	Sample forms and formats
22	<p>Infection Control Measures - Policies and Procedures</p> <p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 05:00</p> <p>Corresponding NOS Code HSS / N/9610</p>	<ul style="list-style-type: none"> To understand the importance of hand washing and its steps To understand ; Needle Stick Injuries (NSI) To gain understanding regarding transmission based precautions and & its types To understand the meaning of ventilation and state it's clinical significance To understand the principles of linen management To understand the process of cleaning, sterilization and disinfection of equipment and work area along with it's significance To understand various occupational hazards for a health worker 	Hand sanitizers, PPE, Hand washing techniques, steriliser, disinfectants, policies and procedures for infection control
23	<p>Confidentiality, Documentation & Records</p> <p>Theory Duration</p>	<ul style="list-style-type: none"> Understand guidelines for documentation Learn various types of records of importance for vision technician Understand use and importance of records. To be able to maintain the confidentiality of the 	Sample forms and formats, inter use to learn best practises across the world for

	(hh:mm) 05:00 Practical Duration (hh:mm) 03:00 Corresponding NOS Code HSS/N5506, HSS/N 5505	medical records <ul style="list-style-type: none"> • Understand abbreviations and symbols • Enter, transcribe, record, store, or maintain information in written or electronic/magnetic form 	vision technician
24.	Professional Behaviour In Healthcare Setting Theory Duration (hh:mm) 05:00 Practical Duration (hh:mm) 05:00 Corresponding NOS Code HSS/N 9603, 9606, 9607	<ul style="list-style-type: none"> • How to maintain restful environment • Learn general and specific etiquettes to be observed on duty • Understand need for compliance of organizational hierarchy and reporting • Understand the legal and ethical issues • Understand importance of conservation of resources 	Self-learning and understanding
25	Basic Computer Knowledge Theory Duration (hh:mm) 05:00 Practical Duration (hh:mm) 15:00	<ul style="list-style-type: none"> • To gain broad understanding about Application of computers in • Practice • Give Introduction to Computers: • Block diagram • Input and Output devices • Storage devices • Give Introduction to operating systems • Need of Operating systems (OS) • Function of OS • Windows 2000 – Utilities and basic operations 	Computer with internet facility

Trainer Prerequisites for Job role: “Vision Technician” mapped to Qualification Pack: “HSS/Q3001 version 1.0”

Sr. No	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “HSS/Q3001”.
2	Personal Attributes	Aptitude for conducting training, and pre/ post work to ensure competent, employable candidates at the end of the training. Strong communication skills, interpersonal skills, ability to work as part of a team; a passion for quality and for developing others; well-organised and focused, eager to learn and keep oneself updated with the latest in the mentioned field.
3	Minimum Educational Qualifications	<ul style="list-style-type: none"> MS Ophthalmology or MBBS with two year of experience under MS Ophthalmology in ophthalmology department/centre or B.Sc. in optometry with three years of experience under MS Ophthalmology in ophthalmology department/centre or Vision Technician with five years of experience under MS Ophthalmology in ophthalmology department/centre
4a	Domain Certification	Certified for Job Role: “ <u>Vision Technician</u> ” mapped to QP: “ <u>HSS/Q3001 version 1.0</u> ” with scoring of minimum 85%.
4b	Platform Certification	Recommended that the Trainer is certified for the Job Role: “Trainer”, mapped to the Qualification Pack: “SSC/Q1402” with scoring of minimum 90%.
5	Experience	<p>Minimum 2 years site experience with B.Sc. Optometry or MS Ophthalmology or MBBS with two year of experience under MS Ophthalmology in ophthalmology department</p> <p>Or</p> <ul style="list-style-type: none"> Minimum 3 years site experience for Vision Technician Level 3 certified Vision Technician <u>HSS/Q3001, version 1.0</u>

Annexure: Assessment Criteria

Assessment Criteria for Vision Technician	
Job Role	Vision Technician
Qualification Pack Code	HSS/Q3001, version 1.0
Sector Skill Council	Healthcare Sector Skill Council

Sr. No.	Guidelines for Assessment
1.	Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC
2.	The assessment for the theory part will be based on knowledge bank of questions created by the SSC
3.	Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below)
4.	Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criteria
5.	To pass the Qualification Pack, every trainee should score as per assessment grid.
6.	In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack

Skills Practical and Viva (80% weightage)	
	Marks Alloted
Grand Total-1 (Subject Domain)	400
Grand Total-2 (Soft Skills and communication)	100
Grand Total-(Skills Practical and Viva)	500
Passing Marks (80% of Max. Marks)	400
Theory (20% weightage)	
	Marks Allotted
Grand Total-1 (Subject Domain)	80
Grand Total-2 (Soft Skills and communication)	20
Grand Total-(Theory)	100
Passing Marks (50% of Max. Marks)	50
Grand Total-(Skills Practical and Viva + Theory)	600
Overall Result	Criteria is to pass in both theory and practical individually. If fail in any one of them, then candidate is fail
Detailed Break Up of Marks	Skills Practical & Viva
Subject Domain	Pick any 2 NOS each of 200 marks totaling 400

Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Total Marks (400)	Out Of	Marks Allocation	
				Viva	Skills Practical
1.HSS / N 3001 : Obtain the case history	PC1. Obtain and record the history of patient having ocular and/or visual symptoms including the onset, course of the disease, diagnostics conducted and treatment	200	30	20	10
	PC2. Obtain and record the history of patient's past ocular diseases and conditions, including history of surgery to eye or ocular adnexae, and details of birth history/ pregnancy where appropriate		30	20	10
	PC3. Obtain and record a family history of diseases affecting eye or vision, and any relevant general medical conditions or diseases		20	20	10
	PC4. Obtain and record details of social history including occupation and details of exposure to industrial or occupational hazards		20	10	10
	PC5. Obtain and record a history of patient's current and past general health and trauma, including any surgical procedures		30	20	10
	PC6. Obtain and record a history of current medications for ocular conditions and general medical conditions		30	10	20
	PC7. Obtain and record a history of any allergies or other adverse reactions to treatment		30	10	20
	PC8. Identify area of concern and inform relevant professional if appropriate		10	3	7
	Total			200	113
2. HSS / N 3002 : Measure visual acuity	PC1. Confirm patient's existing use of optical correction	200	10	5	5
	PC2. Confirm patient's understanding of procedure and requirements for compliance		10	5	5
	PC3. Identify any cultural and special needs that may influence performance of test		10	5	5
	PC4. Perform tests for visual acuity consistent with personal role, responsibilities and level of competence		25	10	15
	PC5. Select appropriate visual acuity test according to patients age, cooperation, ability and any cultural and special needs		25	10	15
	PC6. Position and align patient at the correct distance from the test chart		10	3	7
	PC7. Change distance from test chart if appropriate		10	3	7
	PC8. Ensure the chart is correctly illuminated for test purpose		10	3	7
	PC9. Instruct patient clearly, including wearing of		20	15	5

Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Total Marks (400)	Out Of	Marks Allocation	
				Viva	Skills Practical
	current optical correction appropriate to the test distance				
	PC10. Ensure correct use of occluder		25	10	15
	PC11. Ensure correct use of pinhole		25	10	15
	PC12. Accurately record results and patient responses		20	10	10
	Total		200	89	111
3.HSS / N 3003 : Assess refractive status	PC1. Confirm patient's existing use of optical correction	200	20	10	10
	PC2. Confirm patient's understanding of procedure and requirements for compliance		40	20	20
	PC3. Instill mydriatic or cycloplegic drops or ointments as indicated, according to personal role and responsibilities and local protocols		30	10	20
	PC4. Position and align patient correctly		20	10	10
	PC5. Measure refractive error for distance with an autorefractor		30	10	20
	PC6. Document refraction accurately, with correct notation in patient record		20	10	10
	PC7. Transpose the optical prescription as needed		20	5	15
	PC8. Perform additional measurements of refractive error consistent with personal role, responsibilities and level of competence		20	5	15
	Total		200	80	120
4. HSS / N 3004 : Prescribe spectacles and dispense optical prescription accurately	PC1. Confirm patient's existing use of optical correction	200	30	10	20
	PC2. Measure optical prescription of spectacles, including distance, intermediate, near and prismatic corrections of visual aids		70	30	40
	PC3. Transpose optical prescription as needed		70	30	40
	PC4. Document optical prescription accurately, with correct notation in patient record		30	15	15
	Total		200	85	115
5. HSS / N 5505 : Store medical records	PC1. Retain and store the medical records as per the organisation protocol and review them for completion	200	20	10	10
	PC2. Know how to store the medical records		30	10	20
	PC3. Retain all records that reflect the clinical care provided to a patient, including provider notes, nurses' notes, diagnostic testing and medication lists		60	20	40
	PC4. Enter the laboratory results in the report carefully		40	20	20

Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Total Marks (400)	Out Of	Marks Allocation	
				Viva	Skills Practical
	PC5. Know how to maintain and store the old records		30	10	20
	PC6. Take approval prior to destroying any old medical record		20	10	10
	Total		200	80	120
6. HSS / N 5506 : Maintain confidentiality of medical records	PC1. How to maintain the confidentiality of the medical records	200	50	20	30
	PC2. That patient information should not be disclosed to any unauthorised person		50	20	30
	PC3. While releasing any information related to patient record follow the organisation policy and procedure and should have written consent by authorised person		50	30	20
	PC4. Medical Records in the department are kept secured and in strict confidentiality		50	30	20
	Total		200	70	130
7. HSS/ N 9610 (Follow infection control policies and procedures)	PC1. Perform the standard precautions to prevent the spread of infection in accordance with organisation requirements	200	5	0	5
	PC2. Perform the additional precautions when standard precautions alone may not be sufficient to prevent transmission of infection		5	0	5
	PC3. Minimise contamination of materials, equipment and instruments by aerosols and splatter		5	5	0
	PC4. Identify infection risks and implement an appropriate response within own role and responsibility		20	10	10
	PC5. Document and report activities and tasks that put patients and/or other workers at risk		5	0	5
	PC6. Respond appropriately to situations that pose an infection risk in accordance with the policies and procedures of the organization		5	0	5
	PC7. Follow procedures for risk control and risk containment for specific risks		10	0	10
	PC8. Follow protocols for care following exposure to blood or other body fluids as required		10	0	10
	PC9. Place appropriate signs when and where appropriate		20	10	10
	PC10. Remove spills in accordance with the policies and procedures of the organization		5	0	5
	PC11. Maintain hand hygiene by washing hands before and after patient contact and/or after any activity likely to cause contamination		5	0	5

Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Total Marks (400)	Out Of	Marks Allocation	
				Viva	Skills Practical
	PC12. Follow hand washing procedures		5	0	5
	PC13. Implement hand care procedures		5	0	5
	PC14. Cover cuts and abrasions with water-proof dressings and change as necessary		5	5	0
	PC15. Wear personal protective clothing and equipment that complies with Indian Standards, and is appropriate for the intended use		5	0	5
	PC16. Change protective clothing and gowns/aprons daily, more frequently if soiled and where appropriate, after each patient contact		5	0	5
	PC17. Demarcate and maintain clean and contaminated zones in all aspects of health care work				
	PC18. Confine records, materials and medicaments to a well-designated clean zone		20	10	10
	PC19. Confine contaminated instruments and equipment to a well-designated contaminated zone				
	PC20. Wear appropriate personal protective clothing and equipment in accordance with occupational health and safety policies and procedures when handling waste		5	0	5
	PC21. Separate waste at the point where it has been generated and dispose of into waste containers that are colour coded and identified		5	0	5
	PC22. Store clinical or related waste in an area that is accessible only to authorised persons		5	5	0
	PC23. Handle, package, label, store, transport and dispose of waste appropriately to minimise potential for contact with the waste and to reduce the risk to the environment from accidental release		5	0	5
	PC24. Dispose of waste safely in accordance with policies and procedures of the organisation and legislative requirements		5	5	0
	PC25. Wear personal protective clothing and equipment during cleaning procedures		5	0	5
	PC26. Remove all dust, dirt and physical debris from work surfaces		5	0	5
	PC27. Clean all work surfaces with a neutral detergent and warm water solution before and after each session or when visibly soiled		5	0	5
	PC28. Decontaminate equipment requiring special processing in accordance with quality management systems to ensure full compliance with cleaning, disinfection and sterilisation protocols		5	0	5

Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Total Marks (400)	Out Of	Marks Allocation	
				Viva	Skills Practical
	PC29. Dry all work surfaces before and after use		5	0	5
	PC30. Replace surface covers where applicable		5	0	5
	PC31. Maintain and store cleaning equipment		5	5	0
	Total		200	55	145
Soft Skills and Communication		Pick one field from each part 1 & 2 randomly each carrying 50 marks totaling 100			

Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Total Marks (100)	Out Of	Marks Allocation	
				Viva	Observation/ Role Play
Part 1 (Pick one field randomly carrying 50 marks)					
1. Attitude					
HSS/ N 9603 (Act within the limits of one's competence and authority)	PC1. Adhere to legislation, protocols and guidelines relevant to one's role and field of practice	50	2	0	2
	PC2. Work within organisational systems and requirements as appropriate to one's role		2	0	2
	PC3. Recognise the boundary of one's role and responsibility and seek supervision when situations are beyond one's competence and authority		8	4	4
	PC4. Maintain competence within one's role and field of practice		2	0	2
	PC5. Use relevant research based protocols and guidelines as evidence to inform one's practice		4	2	2
	PC6. Promote and demonstrate good practice as an individual and as a team member at all times		4	2	2
	PC7. Identify and manage potential and actual risks to the quality and safety of practice		4	2	2
	PC8. Evaluate and reflect on the quality of one's work and make continuing improvements		4	2	2
	Total			30	12
HSS/ N 9607 (Practice Code of conduct while performing duties)	PC1. Adhere to protocols and guidelines relevant to the role and field of practice	50	3	1	2
	PC2. Work within organisational systems and requirements as appropriate to the role		3	1	2
	PC3. Recognise the boundary of the role and responsibility and seek supervision when situations are beyond the competence and authority		3	1	2
	PC4. Maintain competence within the role and field of practice		1	0	1
	PC5. Use protocols and guidelines relevant to the field of practice		4	2	2
	PC6. Promote and demonstrate good practice as an individual and as a team member at all times		1	0	1
	PC7. Identify and manage potential and actual risks to the quality and patient safety		1	0	1
	PC8. Maintain personal hygiene and contribute actively to the healthcare ecosystem		4	2	2
	Total			20	7
Attitude Total		50	50	19	31
2. Communication Skills					

Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Total Marks (100)	Out Of	Marks Allocation	
				Viva	Observation/ Role Play
HSS/ N 9601 (Collate and Communicate Health Information)	PC1. Respond to queries and information needs of all individuals	50	4	4	0
	PC2. Communicate effectively with all individuals regardless of age, caste, gender, community or other characteristics		10	0	10
	PC3. Communicate with individuals at a pace and level fitting their understanding, without using terminology unfamiliar to them		10	0	10
	PC4. Utilise all training and information at one's disposal to provide relevant information to the individual		10	10	0
	PC5. Confirm that the needs of the individual have been met		4	4	0
	PC6. Adhere to guidelines provided by one's organisation or regulatory body relating to confidentiality		4	4	0
	PC7. Respect the individual's need for privacy		4	4	0
	PC8. Maintain any records required at the end of the interaction		4	4	0
Total			50	30	20
Communication Total		50	50	30	20
Part 2 (Pick one field as per NOS marked carrying 50 marks)					
1. Safety management					
HSS/ N 9606 (Maintain a safe, healthy, and secure working environment)	PC1. Identify individual responsibilities in relation to maintaining workplace health safety and security requirements	50	6	2	4
	PC2. Comply with health, safety and security procedures for the workplace		4	0	4
	PC3. Report any identified breaches in health, safety, and security procedures to the designated person		4	3	1
	PC4. Identify potential hazards and breaches of safe work practices		6	4	2
	PC5. Correct any hazards that individual can deal with safely, competently and within the limits of authority		6	4	2
	PC6. Promptly and accurately report the hazards that individual is not allowed to deal with, to the relevant person and warn other people who may get affected		6	4	2
	PC7. Follow the organisation's emergency		6	2	4

Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Total Marks (100)	Out Of	Marks Allocation	
				Viva	Observation/ Role Play
	procedures promptly, calmly, and efficiently				
	PC8. Identify and recommend opportunities for improving health, safety, and security to the designated person		6	4	2
	PC9. Complete any health and safety records legibly and accurately		6	2	4
	Total		50	25	25
2. Waste Management					
HSS/ N 9609 (Follow biomedical waste disposal protocols)	PC1. Follow the appropriate procedures, policies and protocols for the method of collection and containment level according to the waste type	50	6	2	4
	PC2. Apply appropriate health and safety measures and standard precautions for infection prevention and control and personal protective equipment relevant to the type and category of waste		8	4	4
	PC3. Segregate the waste material from work areas in line with current legislation and organisational requirements		4	0	4
	PC4. Segregation should happen at source with proper containment, by using different colour coded bins for different categories of waste		8	4	4
	PC5. Check the accuracy of the labelling that identifies the type and content of waste		4	2	2
	PC6. Confirm suitability of containers for any required course of action appropriate to the type of waste disposal		4	4	0
	PC7. Check the waste has undergone the required processes to make it safe for transport and disposal		4	4	0
	PC8. Transport the waste to the disposal site, taking into consideration its associated risks		4	4	0
	PC9. Report and deal with spillages and contamination in accordance with current legislation and procedures		4	4	0
	PC10. Maintain full, accurate and legible records of information and store in correct location in line with current legislation, guidelines, local policies and protocols		4	4	0
	Total			50	32
Grand Total-2 (Soft Skills and communication)		100			
Detailed Break Up of Marks		Theory			

Subject Domain	Select any 40 PCs each carrying 2 marks totaling 80	
Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Marks Allocation
		Theory
1.HSS / N 3001 : Obtain the case history	PC1. Obtain and record the history of patient having ocular and/or visual symptoms including the onset, course of the disease, diagnostics conducted and treatment	20
	PC2. Obtain and record the history of patient's past ocular diseases and conditions, including history of surgery to eye or ocular adnexae, and details of birth history/ pregnancy where appropriate	
	PC3. Obtain and record a family history of diseases affecting eye or vision, and any relevant general medical conditions or diseases	
	PC4. Obtain and record details of social history including occupation and details of exposure to industrial or occupational hazards	
	PC5. Obtain and record a history of patient's current and past general health and trauma, including any surgical procedures	
	PC6. Obtain and record a history of current medications for ocular conditions and general medical conditions	
	PC7. Obtain and record a history of any allergies or other adverse reactions to treatment	
	PC8. Identify area of concern and inform relevant professional if appropriate	
	TOTAL	20
32. HSS / N 3002 : Measure visual acuity	PC1. Confirm patient's existing use of optical correction	10
	PC2. Confirm patient's understanding of procedure and requirements for compliance	
	PC3. Identify any cultural and special needs that may influence performance of test	
	PC4. Perform tests for visual acuity consistent with personal role, responsibilities and level of competence	
	PC5. Select appropriate visual acuity test according to patients age, cooperation, ability and any cultural and special needs	
	PC6. Position and align patient at the correct distance from the test chart	
	PC7. Change distance from test chart if appropriate	
	PC8. Ensure the chart is correctly illuminated for test purpose	
	PC9. Instruct patient clearly, including wearing of current optical correction appropriate to the test distance	
	PC10. Ensure correct use of occluder	
	PC11. Ensure correct use of pinhole	
	PC12. Accurately record results and patient responses	
	TOTAL	10
.HSS / N 3003 : Assess	PC1. Confirm patient's existing use of optical correction	10

refractive status	PC2. Confirm patient's understanding of procedure and requirements for compliance	10
	PC3. Instill mydriatic or cycloplegic drops or ointments as indicated, according to personal role and responsibilities and local protocols	
	PC4. Position and align patient correctly	
	PC5. Measure refractive error for distance with an autorefractor	
	PC6. Document refraction accurately, with correct notation in patient record	
	PC7. Transpose the optical prescription as needed	
	PC8. Perform additional measurements of refractive error consistent with personal role, responsibilities and level of competence	
	TOTAL	10
HSS / N 3004 : Prescribe spectacles and dispense optical prescription accurately	PC1. Confirm patient's existing use of optical correction	20
	PC2. Measure optical prescription of spectacles, including distance, intermediate, near and prismatic corrections of visual aids	
	PC3. Transpose optical prescription as needed	
	PC4. Document optical prescription accurately, with correct notation in patient record	
	TOTAL	20
HSS / N 5505 : Store medical records	PC1. Retain and store the medical records as per the organisation protocol and review them for completion	10
	PC2. Know how to store the medical records	
	PC3. Retain all records that reflect the clinical care provided to a patient, including provider notes, nurses' notes, diagnostic testing and medication lists	
	PC4. Enter the laboratory results in the report carefully	
	PC5. Know how to maintain and store the old records	
	PC6. Take approval prior to destroying any old medical record	10
	TOTAL	10
HSS / N 5506 : Maintain confidentiality of medical records	PC1. How to maintain the confidentiality of the medical records	10
	PC2. That patient information should not be disclosed to any unauthorised person	
	PC3. While releasing any information related to patient record follow the organisation policy and procedure and should have written consent by authorised person	
	PC4. Medical Records in the department are kept secured and in strict confidentiality	
	Total	10

Soft Skills and Communication Domain	Select any `10 PCs each carrying 2 marks totaling 20	
Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Marks Allocation
		Theory
HSS/ N 9603 (Act within the limits of one's competence and authority)	PC1. Adhere to legislation, protocols and guidelines relevant to one's role and field of practice	
	PC2. Work within organisational systems and requirements as appropriate to one's role	
	PC3. Recognise the boundary of one's role and responsibility and seek supervision when situations are beyond one's competence and authority	
	PC4. Maintain competence within one's role and field of practice	
	PC5. Use relevant research based protocols and guidelines as evidence to inform one's practice	
	PC6. Promote and demonstrate good practice as an individual and as a team member at all times	
	PC7. Identify and manage potential and actual risks to the quality and safety of practice	
	PC8. Evaluate and reflect on the quality of one's work and make continuing improvements	5
	TOTAL	5
HSS / N 9601 : Collate and communicate health information	PC1. Respond to queries and information needs of all individuals	2
	PC2. Communicate effectively with all individuals regardless of age, caste, gender, community or other characteristics	1
	PC3. Communicate with individuals at a pace and level fitting their understanding, without using terminology unfamiliar to them	1
	PC4. Utilise all training and information at one's disposal to provide relevant information to the individual	0
	PC5. Confirm that the needs of the individual have been met	0
	PC6. Adhere to guidelines provided by one's organisation or regulatory body relating to confidentiality	0
	PC7. Respect the individual's need for privacy	1
	PC8. Maintain any records required at the end of the interaction	0
	TOTAL	5
HSS/ N 9607 (Practice Code of conduct while performing duties)	PC1. Adhere to protocols and guidelines relevant to the role and field of practice	0
	PC2. Work within organisational systems and requirements as appropriate to the role	0
	PC3. Recognise the boundary of the role and responsibility and seek supervision when situations are beyond the competence and authority	2
	PC4. Maintain competence within the role and field of practice	1

Soft Skills and Communication Domain	Select any `10 PCs each carrying 2 marks totaling 20	
Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Marks Allocation
		Theory
	PC5. Use protocols and guidelines relevant to the field of practice	0
	PC6. Promote and demonstrate good practice as an individual and as a team member at all times	1
	PC7. Identify and manage potential and actual risks to the quality and patient safety	1
	PC8. Maintain personal hygiene and contribute actively to the healthcare ecosystem	0
	TOTAL	5
HSS/ N 9606 (Maintain a safe, healthy, and secure working environment)	PC1. Identify individual responsibilities in relation to maintaining workplace health safety and security requirements	5
	PC2. Comply with health, safety and security procedures for the workplace	
	PC3. Report any identified breaches in health, safety, and security procedures to the designated person	
	PC4. Identify potential hazards and breaches of safe work practices	
	PC5. Correct any hazards that individual can deal with safely, competently and within the limits of authority	
	PC6. Promptly and accurately report the hazards that individual is not allowed to deal with, to the relevant person and warn other people who may get affected	
	PC7. Follow the organisation's emergency procedures promptly, calmly, and efficiently	
	PC8. Identify and recommend opportunities for improving health, safety, and security to the designated person	
	PC9. Complete any health and safety records legibly and accurately	
	TOTAL	5
HSS/ N 9610: Follow infection control policies and procedures	PC1. Perform the standard precautions to prevent the spread of infection in accordance with organisation requirements	5
	PC2. Perform the additional precautions when standard precautions alone may not be sufficient to prevent transmission of infection	
	PC3. Minimise contamination of materials, equipment and instruments by aerosols and splatter	
	PC4. Identify infection risks and implement an appropriate response within own role and responsibility	
	PC5. Document and report activities and tasks that put patients and/or other workers at risk	
	PC6. Respond appropriately to situations that pose an infection	

Soft Skills and Communication Domain	Select any `10 PCs each carrying 2 marks totaling 20	
Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Marks Allocation
		Theory
	risk in accordance with the policies and procedures of the organization	
	PC7. Follow procedures for risk control and risk containment for specific risks	
	PC8. Follow protocols for care following exposure to blood or other body fluids as required	
	PC9. Place appropriate signs when and where appropriate	
	PC10. Remove spills in accordance with the policies and procedures of the organization	
	PC11. Maintain hand hygiene by washing hands before and after patient contact and/or after any activity likely to cause contamination	
	PC12. Follow hand washing procedures	
	PC13. Implement hand care procedures	
	PC14. Cover cuts and abrasions with water-proof dressings and change as necessary	
	PC15. Wear personal protective clothing and equipment that complies with Indian Standards, and is appropriate for the intended use	
	PC16. Change protective clothing and gowns/aprons daily, more frequently if soiled and where appropriate, after each patient contact	
	PC17. Demarcate and maintain clean and contaminated zones in all aspects of health care work	
	PC18. Confine records, materials and medicaments to a well-designated clean zone	
	PC19. Confine contaminated instruments and equipment to a well-designated contaminated zone	
	PC20. Wear appropriate personal protective clothing and equipment in accordance with occupational health and safety policies and procedures when handling waste	
	PC21. Separate waste at the point where it has been generated and dispose of into waste containers that are colour coded and identified	
	PC22. Store clinical or related waste in an area that is accessible only to authorised persons	
	PC23. Handle, package, label, store, transport and dispose of waste appropriately to minimise potential for contact with the waste and to reduce the risk to the environment from accidental release	
	Dispose of waste safely in accordance with policies and	

Soft Skills and Communication Domain	Select any `10 PCs each carrying 2 marks totaling 20	
Assessable Outcomes	Assessment Criteria for the Assessable Outcomes	Marks Allocation
		Theory
	procedures of the organisation and legislative requirements	
	PC26. Remove all dust, dirt and physical debris from work surfaces	
	PC27. Clean all work surfaces with a neutral detergent and warm water solution before and after each session or when visibly soiled	
	PC28. Decontaminate equipment requiring special processing in accordance with quality management systems to ensure full compliance with cleaning, disinfection and sterilisation protocols	
	PC29. Dry all work surfaces before and after use	
	PC30. Replace surface covers where applicable	
	PC31. Maintain and store cleaning equipment	
	TOTAL	5
HSS/ N 9609 (Follow biomedical waste disposal protocols)	PC1. Follow the appropriate procedures, policies and protocols for the method of collection and containment level according to the waste type	
	PC2. Apply appropriate health and safety measures and standard precautions for infection prevention and control and personal protective equipment relevant to the type and category of waste	
	PC3. Segregate the waste material from work areas in line with current legislation and organisational requirements	
	PC4. Segregation should happen at source with proper containment, by using different colour coded bins for different categories of waste	
	PC5. Check the accuracy of the labelling that identifies the type and content of waste	
	PC6. Confirm suitability of containers for any required course of action appropriate to the type of waste disposal	
	PC7. Check the waste has undergone the required processes to make it safe for transport and disposal	
	PC8. Transport the waste to the disposal site, taking into consideration its associated risks	
	PC9. Report and deal with spillages and contamination in accordance with current legislation and procedures	
	PC10. Maintain full, accurate and legible records of information and store in correct location in line with current legislation, guidelines, local policies and protocols	5
	TOTAL	5



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