

VOCATIONAL ELECTIVES - GROUP-A (2016-2018)	
SUBJECT CODE	SUBJECT NAME (CLASS XI)
604	OFFICE PROCEDURES & PRACTICES
605	SECRETARIAL PRACTICE & ACCOUNTING
606	OFFICE COMMUNICATION
607	TYPOGRAPHY & COMPUTER APPLICATION (ENGLISH)
609	TYPOGRAPHY & COMPUTER APPLICATION (HINDI)
622	ENGINEERING SCIENCE
625	APPLIED PHYSICS
628	AUTOSHOP REPAIR AND PRACTICE
729	FOOD NUTRITION & DIETETRICS
740	GEOSPATIAL TECHNOLOGY
743	RETAIL OPERATIONS
746	HOLISTIC HEALTH
750	LOGISTICS OPERATION AND SUPPLY CHAIN MANAGEMENT
755	FOUNDRY TECHNOLOGY
756	TOURISM RESOURCES IN INDIA
762	BASIC HORTICULTURE
766	BUSINESS OPERATION & ADMINISTRATION
771	ART & SCIENCE OF MAKE UP & RETAIL
772	DESIGN & INNOVATION
776	GARMENT CONSTRUCTION
777	ELEMENTS OF TEXTILE DESIGN
780	FINANCIAL ACCOUNTING
782	TAXATION
783	MARKETING
784	SALESMANSHIP
785	BANKING
786	INSURANCE
787	BASIC ELECTRICITY
789	BASIC ELECTRONICS
793	FOUNDATION OF FINANCIAL MARKET
796	WEB APPLICATION
797	ELEMENTS OF CIVIL ENGINEERING
800	SECURITY

LIST OF CAREER ORIENTED VOCATIONAL COURSES AT SENIOR SECONDARY LEVEL FOR ACADEMIC SESSION 2016-18					
S.No.	COURSE	XI (2016-17)	XII (2017-18)	CODE	
Engineering and Technology					
1	Air Conditioning and Refrigeration Technology (Package of 2 subjects and both 632 and 633 are to be taken together.)	Air Conditioning and Refrigeration - I	Air Conditioning and Refrigeration -III	632	
		Air Conditioning and Refrigeration - II	Air Conditioning and Refrigeration -IV	633	
		Optional #			
	# Optional subject can't be taken unless 632 and 633 are taken.	Engineering Science		622	
2	Automobile Technology (Package of 2 subjects and both 627 and 628 are to be taken together.)	Auto Engineering		627	
		Auto Shop Repair and Practice		628	
		Optional #			
		Engineering Science		622	
	# Optional subject can't be taken unless 627 and 628 are taken.	Applied Mechanics	Mechanical Engineering	626	
3	Civil Engineering (Package of 2 subjects and both 797 and 798 are to be taken together.)	Elements of Civil Engineering	Construction Technology	797	
		CAD in Engineering	Estimation in Civil Engineering	798	
		Optional #			
		Engineering Mechanics	Elementary Structural Mechanics	799	
	# Optional subject can't be taken unless 797 and 798 are taken.				
4	Electrical Technology (Package of 2 subjects and both 787 and 788 are to be taken together.)	Basic Electricity	Electrical Machines	787	
		Engineering Science	Electrical Appliances	788	
5	Electronics Technology	Basic Electronics	Operation and maintenance of Communication devices	789	
		Digital Electronics	Troubleshooting and maintenance of Electronic Equipments	790	
6	Foundry Technology	Foundry Technology		755	
7	Geospatial Technology	Geospatial Technology		740	
8	IT Application	IT Tools	Database Management Applications	795	
		Web Applications		796	
9	Transport Systems and Logistic Management	Fundamentals of Transportation Systems	Integrated Transport Operations	749	

		Logistics, Operations and Supply Chain Management	750		
Health and Wellness					
10	Auxiliary Nursing & Midwifery (Package of 3 subjects and all 731,732 and 733 are to be taken together.)	Child Health Nursing		731	
		Community Health Nursing and Health promotion	Midwifery	732	
		Primary health care nursing	Health centre management	733	
11	Beauty Services (Package of 2 subjects and both 770 and 771 are to be taken together.) 770 and 771 cannot be taken with 745 & 746	Nail Technology and Retail		770	
		Arts and science of makeup and retail		771	
12	Health and Beauty Studies	Beauty & Hair		745	
		Holistic Health		746	
13	Health Care Science # Optional subject can't be taken unless 728 and 729 are taken.	Healthcare Delivery System	Health Education, Communication and Public Relations & Public Health	728	
		Food Nutrition & Dietetrics	Basic Concepts of Health & Disease and Medical Terminology	729	
		Optional#			
		Anatomy & Physiology (HS)	First Aid & Emergency Medical Care	730	
14	Medical Laboratory Technology (Package of 2 subjects and both 660 and 661 are to be taken together.) # Optional subject can't be taken unless 660 and 661 are taken.	Laboratory Medicine (Clinical Pathology, Hematology & Histopathology)(MLT)		660	
		Clinical Biochemistry, Microbiology (MLT)	Clinical Biochemistry (MLT)	661	
		Optional#			
		Anatomy & Physiology(MLT)	Microbiology (MLT)	662	
15	Medical Diagnostics (Package of 2 subjects and both 741 and 742 are to be taken together.)	Anatomy & Physiology	Laboratory Medicine	741	
		Diagnostic Radiology	Clinical Biochemistry & Microbiology	742	
16	Ophthalmic Techniques (Package of 2 subjects and both 658 and 659 are to be taken together.) # Optional subject can't be taken unless 658 and 659 are taken.	Optics		658	
		Ophthalmic Techniques		659	
		Optional#			
		Biology Ophthalmic		657	
17	X-Ray Technician (Package of 2 subjects and both 667 and 668 are to be taken together.)	Anatomy, Physiology & Related Pathology	Radiography I (General)	667	
		Dark Room Techniques	Radiography II (Special investigation, imaging and Radiography)	668	

	# Optional subject can't be taken unless 667 and 668 are taken. 666 cannot be taken with 042 (Physics) or 625 (Applied Physics)	Optional#		
		General Physics	Radiation Physics	666
Media, Entertainment and Production				
18	Design and Innovation	Design and Innovation		772
19	Fashion Design & Garment Technology 053 (Fashion) cannot be taken with this package.	Introduction to Fashion Industry	Basic Pattern Development	775
		Garment Construction		776
		Optional#		
	# Optional subject can't be taken unless 775 and 776 are taken.	Elements of Design & Fashion	Fabric Study	774
20	Mass Media Studies & Mass Media Production (Package of 2 subjects and both 738 and 739 are to be taken together.) 072 (Mass Media Studies) cannot be take with this package.	Understanding the Evolution and Forms of Mass Media		738
		The Creative and Commercial Process in Mass Media I		739
21	Music Technical Production (Package of 2 subjects and both 768 and 769 are to be taken together.)	Music Aesthetics		768
		Music Production		769
22	Textile Design	Element of Textile Design	Traditional Indian Textile	777
		Any one of the following #		
		Woven Textile	Printed Textile	778
		Textile Science	Textile Chemical Processing	779
Agro Production and Marketing				
23	Dairy Technology (Package of 2 subjects and both 760 and 761 are to be taken together.)	Milk Production (Dairy Husbandry)	Management of Dairy Animals	758
		Animal nutrition and Reproduction	Milk Marketing and Entrepreneurship (DH)	759
		Dairy Technology		
		Milk Production (Dairy Technology)	Dairy Product Technology	760
		Fluid Milk Processing	Milk Marketing & Entrepreneurship(DT)	761
24	Horticulture	Basic Horticulture		762

Any one from the following #			
		Olericulture	763
		Pomology	764
		Floriculture	765
25	Poultry Farming (Package of 2 subjects and both 716 and 717 are to be taken together.)	Poultry Production and Breeding	Poultry Nutrition and Physiology 716
		Poultry Housing and Management	Poultry Products and Technology 717
		Optional #	
	# Optional subject can't be taken unless 716 and 717 are taken.	Poultry Extension, Marketing and Economics	Poultry Disease and their control 7 1 8
HOSPITALITY AND TOURISM			
26	Bakery and Confectionery This is two paper package and subject 751 and 752 are to be taken.	Bakery	751
		Confectionery	752
27	Food Production This is two paper package and subject 734 and 735 are to be taken.	Food Production I	Food Production III 734
		Food Production II	Food Production IV 735
28	Food & Beverage Services This is two paper package and subject 736 and 737 are to be taken.	Food Service	736
		Beverage Services	Food and Beverage Cost and Control 737
29	Front Office Operations This is two paper package and subject 753 and 754 are to be taken.	Basis of Front Office	Front Office Operations 753
		Introduction to Tourism & Hotel Industry	Advanced Front Office Operations 754
30	Security	Security	800
31	Travel and Tourism	Tourism Resources in India	Introduction to Hospitality Management 756
		Tourism Concepts & Practices	Travel Agency and Tour Operations Business 757
Finance, Business and Management			
32	Accountancy & Taxation	Cost Accounting	781
		Taxation	782
		Optional #	
	Accountancy (055) and Financial Accounting (780)	Financial Accounting	780

	cannot be taken together		
33	Banking & Insurance	Banking	785
		Insurance	786
34	Business Administration Cannot be taken with Business Studies (054)	Business Operation & Administration	
35	Financial Market Management	Foundations of Financial Markets	Capital Market Operations
		Mutual Funds	Derivative Market Operations
		Optional #	
		Financial Accounting	780
36	Library and Information Sciences This is two paper package and subject 747 and 748 are to be taken together. Library and Information Sciences (079) cannot be taken with this package.	Library Information & Society	Library Systems and Resource Management
		Library Classification & Cataloguing.	Information storage and Retrieval.
37	Marketing & Salesmanship	Marketing	
		Salesmanship	
38	Office Secretaryship This is two paper package and subject 604 and any one of 607/609 are to be taken. #Optional subject can't be taken unless 604 and 607/609 are taken.	Office Procedures and Practices	
		Typography & Computer Application (English)	
		OR	
		Typography & Computer Application (Hindi)	
		Optional (Any one)#	
		Secretarial Practice & Accounting	
39	Retail	Retail Operations	
		Retail Services	
40	Stenography & Computer Application ENGLISH Package of 2 subjects and both 607 and 608 are to be taken together.	Typography & Computer Application (English)	
		Shorthand (English)	

		Optional	
		Office Procedures and Practices	604
	Stenography & Computer Application HINDI Package of 2 subjects and both 609 and 610 are to be taken together.	Typography & Computer Application (Hindi)	609
		Shorthand (Hindi)	610
		Optional	
		Office Procedures and Practices	604

SECONDARY

Name of the vocational subject under NSQF along with year of start	CLASS (IX) (2016-17)	CLASS (X) (2017-18)	Subject code for Additional (Optional)	Subject code for Additional (Compulsory)
Retail (2012-13)	Retailing	Dynamics Of Retailing	401	461
Information Technology (2012-13)	Information Technology	Information Technology	402	462
Security(2012-13)	Security	Security	403	463
AutomobileTechnology (2012-13)	Automobile Technology	Automobile Technology	404	464
Financial Market Management (2015-16)	Basics Of Money Management	Introduction To Financial Markets	405	465
Introduction To Tourism(2013-14)	Introduction To Tourism	Introduction To Tourism	406	466
Beauty & Wellness (2015-16)	Beauty & Wellness class IX	Beauty & Wellness class X	407	467
Agriculture(2016-17)	Introductory Agriculture	Basic Agriculture	408	468
Food Production (2016-17)	Food Production	Food Production	409	469
Front Office Operations(2016-17)	Front Office Operations	Front Office Operations	410	470
Banking & Insurance(2016-17)	Banking & Insurance	Banking & Insurance	411	471
Marketing & Sales(2016-17)	Marketing & Sales	Marketing & Sales	412	472
Health Care (General Duty Assistance) (2016-17)	Health Care Services	Health Care Services	414	474