

Scheme of Studies
Class IX/X under NSQF

- * The vocational subject can be offered as an additional (optional) subject in combination with five core Academic subjects. The CGPA of class IX and X will be calculated based on the grade obtained in five academic subjects and grade obtained in vocational subject will be reflected under additional (optional) subject.

OR

- * Vocational subject can be offered as additional (compulsory) subject with five core Academic subjects (Rationalized version). Hyperlink. The CGPA of Class IX / X will be calculated based on the grade obtained in all six subjects, if vocational subject is taken as additional (compulsory) sixth subject.
- * Student can also opt 7th subject as optional (e.g. Regional Language) if desired.

Group-A	Marks	Group -C	Marks
Language I(English)	100	Mathematics	100
Group-B (Any one)		Science	100
Hindi	100	Social Studies	100
Sanskrit		Group- D	
Regional Language		Vocational Qualification Package (any one) Retail, Automobile, Security, IT, Tourism, FMM	100
Internship programme	To expose students to work place & work practices during vacation *Student can also offer 7 th subject as optional, if vocational subject is taken as compulsory.		

Scheme of Studies (Vocational course) 2015-2017
Sr. Secondary Level

Sub I	Language I :English or Hindi
Sub II	Language II : Language other than Language I or an elective subject from Academic Electives in lieu of Language II
Sub III, Sub IV & Sub V	Two elective subject from Academic Electives and one vocational subject as prescribed under group 'A' (single vocational elective) or One elective subject from Academic Electives and Two vocational subjects as prescribed under Vocational Course of two papers or Three vocational subjects as prescribed under Vocational Course of three papers
Sub VI - Additional Subject (optional)	One language at elective level or an elective subject from Academic Electives or one vocational subject as prescribed under Vocational Course (of 2/3 papers) or any one subject from Vocational Electives under Group-A
Sub VII to VIII (Subjects of internal assessment)	501-General Foundation Course 502-Physical and Health Education

Notes:

1. Out of the languages, one shall be English or Hindi, both English and Hindi can also be offered simultaneously.
2. The same language can be offered only at one level i.e. Core/ Elective/ Functional.
3. The List of Vocational Courses available is attached. Subjects as prescribed under Vocational Courses are to be opted. However, Scheme of Studies may be referred.
4. Accountancy (055) and Financial Accounting (780) cannot be taken together
5. Physics (042) and Applied Physics (625) and General/ Radiation Physics(666) cannot be taken together
6. Biology (044) and Biology Ophthalmic(657) cannot be taken together.
7. Informatics Practice (065) and Computer Science (083) cannot be taken with IT Tools (795) and Web Applications (796).
8. Business Studies (054) and Business Operations & Administrations (766) cannot be taken together.
9. Nail Technology & Retail (770), Arts & Science of Makeup & Retail (771) cannot be taken with Beauty & Hair (745) and Holistic Health (746).
10. Mass Media Studies (072) cannot be taken with Evolution and Forms of Mass Media (738) and Creative and Commercial Procedure in Mass Media (739).
11. Library & Information Science (079) cannot be taken with Library Information and Society (747) and Library Classification & Cataloging (748).
12. Fashion Studies (053) cannot be taken with Elements of Design & Fashion (774), Introduction to Fashion Industry (775) and Garment Construction (776).
13. Multimedia & Web Technology (067) cannot be taken with IT Tools (795) and Web Applications (796).

VOCATIONAL ELECTIVES - GROUP-A	
604	OFFICE PROCEDURES & PRACTICES
605	SECRETARIAL PRACTICE & ACCOUNTING
606	OFFICE COMMUNICATION
607	TYPOGRAPHY & COMPUTER APPLICATION (ENGLISH)
609	TYPOGRAPHY & COMPUTER APPLICATION (HINDI)
625	APPLIED PHYSICS
740	GEOSPATIAL TECHNOLOGY
743	RETAIL OPERATIONS
746	HOLISTIC HEALTH
755	FOUNDRY TECHNOLOGY
756	TOURISM RESOURCES IN INDIA
766	BUSINESS OPERATION & ADMINISTRATION
772	DESIGN & INNOVATION
776	GARMENT CONSTRUCTION
777	ELEMENTS OF TEXTILE DESIGN
780	FINANCIAL ACCOUNTING
782	TAXATION
783	MARKETING
784	SALESMANSHIP
785	BANKING
786	INSURANCE
789	BASIC ELECTRONICS
793	FOUNDATION OF FINANCIAL MARKET
800	SECURITY

LIST OF CAREER ORIENTED VOCATIONAL COURSES at Senior School Certificate Examination(Class XII) for academic session 2014-16					
S.No.	COURSE	XI (2014-15)	XII (2015-16)	CODE	
Engineering and Technology					
1	Air Conditioning and Refrigeration Technology	Air Conditioning and Refrigeration - I	Air Conditioning and Refrigeration -III	632	
		Air Conditioning and Refrigeration - II	Air Conditioning and Refrigeration -IV	633	
		Subject V/Subject VI			
		Engineering Science		622	
2	Automobile Technology	Auto Engineering		627	
		Auto Shop Repair and Practice		628	
		Subject V/Subject VI			
		Engineering Science		622	
3	Civil Engineering	Elements of Civil Engineering	Construction Technology	797	
		CAD in Engineering	Estimation in Civil Engineering	798	
		Subject V/Subject VI			
		Engineering Mechanics	Elementary Structure Mechanics	799	
4	Electrical Technology	Basic Electricity	Electrical Machines	787	
		Engineering Science	Electrical Appliances	788	
		Basic Electronics	Operation and maintenance of Communication devices	789	
5	Electronics Technology	Digital Electronics	Troubleshooting and maintenance of Electronic Equipments	790	
		Foundry Technology		755	
6	Foundry Technology				
7	Geospatial Technology	Geospatial Technology		740	
8	IT Application	IT Tools	Data 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	Fundamentals of Nursing		731	
		Community Health Nursing		732	
		Maternity & Child Health Nursing		733	
11	Beauty Services	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	Healthcare Delivery System	Health Education, Communication and Public Relations & Public Health	728	
		Food Nutrition & Dietrics	Basic Concepts of Health & Disease and Medical Terminology	729	
		Subject V/Subject VI			
		Anatomy & Physiology	First Aid & Emergency Medical Care	730	
14	Medical Laboratory Technology	Laboratory Medicine (Clinical Pathology, Hematology & Histopathology)(MLT)		660	
		Clinical Biochemistry, Microbiology (MLT)	Clinical Biochemistry (MLT)	661	
		Subject V/Subject VI			
		Anatomy & Physiology(MLT)	Microbiology (MLT)	662	
15	Medical Diagnostics	Anatomy & Physiology	Laboratory Medicine II	741	
		Diagnostic Radiology	Clinical Biochemistry & Microbiology II	742	
16	Ophthalmic Techniques	Optics		658	
		Ophthalmic Techniques		659	
		Subject V/Subject VI			
		Biology Ophthalmic		657	
17	X-Ray Technician	Anatomy, Physiology & Related Pathology	Radiography I (General)	667	

		Dark Room Techniques	Radiography II (Special investigation, imaging and Radiography)	668	
		Subject V/Subject VI			
		General Physics	Radiation Physics	666	
Media, Entertainment and Production					
18	Design and Innovation	Design and Innovation		772	
19	Fashion Design & Garment Technology	Introduction to Fashion Industry	Basic Pattern Development	775	
		Garment Construction		776	
		Subject V/Subject VI			
		Elements of Design & Fashion	Fabric Study	774	
20	Mass Media Studies & Mass Media Production	Understanding the Evolution and Forms of Mass Media		738	
		The Creative and Commercial Process in Mass Media I		739	
21	Music Technical Production	Music Aesthetics		768	
		Music Production		769	
22	Textile Design	Elements 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 Husbandry /Dairy Technology	Dairy Husbandry			
		Milk Production (Dairy Husbandry)	Management of Dairy Animals	758	
		Animal nutrition and Reproduction	Milk Marketing and Entrepreneurship	759	
		Dairy Technology			
		Milk Production (Dairy Technology)	Dairy Product Technology	760	
		Fluid Milk Processing	Milk Marketing & Entrepreneurship	761	
24	Horticulture	Basic Horticulture		762	
		Any one from the following			
		Olericulture		763	
		Pomology		764	
		Floriculture		765	
25	Poultry Farming	Poultry Production and Breeding	Poultry Nutrition and Physiology	716	
		Poultry Housing and Management	Poultry Products and Technology	717	
		Subject V/Subject VI			
		Poultry Extension, Marketing and Economics	Poultry Disease and their control	7 1 8	
26	Bakery and Confectionery	Bakery		751	
		Confectionery		752	
27	Food Production	Food Production I	Food Production III	734	
		Food Production II	Food Production IV	735	
28	Food & Beverage Services	Food Service		736	
		Beverage Services	Food and Beverage Cost and Control	737	
29	Front Office Operation	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 Concept & Practices	Travel Agency and Tour Operations Business	757	

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S.No.	COURSE	XI (2014-15)	XII (2015-16)	CODE	
Finance, Business and Management					
32	Accountancy & Taxation	Cost Accounting		781	
		Taxation		782	
		Subject V/Subject VI			
		Financial Accounting		780	
33	Banking & Insurance	Banking		785	
		Insurance		786	
34	Business Administration	Business Operation & Administration		766	
35	Financial Market Management	Foundation of Financial Market	Capital Market Operations	793	
		Mutual Fund	Derivative Market Operations	794	
		Subject V/Subject VI			
		Financial Accounting		780	
36	Library and Information Science	Library Information & Society	Library Systems and Resource Management	747	
		Library Classification & Cataloguing.	Information storage and Retrieval.	748	
37	Marketing & Salesmanship	Marketing		783	
		Salesmanship		784	
38	Office Secretaryship	Office Procedures and Practices		604	
		Typography & Computer Application (English)		607	
		OR			
		Typography & Computer Application (Hindi)		609	
		Subject V/Subject VI (Any one)			
		Secretarial Practice & Accounting		605	
39	Retail	Retail Operations		743	
		Retail Services		744	
40	Stenography & Computer Application ENGLISH	Typography & Computer Application (English)		607	
		Shorthand (English)		608	
		Subject V/Subject VI			
		Office Procedures and Practices		604	
	HINDI	Typography & Computer Application (Hindi)		609	
		Shorthand (Hindi)		610	
		Subject V/Subject VI			
		Office Procedures and Practices		604	