

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2021-22

CLASS – IX

SUBJECT - AGRICULTURE

TERM - I					TERM - II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<u>Unit-1:</u> Introduction to Horticulture <i>(Session 1 to 8)</i>	FA-1 (To be completed during 2 nd week of September, 2021)	20	SA-1 Term 1 End Examination (To be conducted during 3 rd week of November, 2021)	40	<u>Unit-3:</u> Field Preparation and Transplanting in Solanaceous Crops <i>(Session: 1 to 10)</i>	FA-3 (To be completed during 2 nd week of January, 2022)	20	SA-2 Final End Examination (To be conducted during 2 nd week of April, 2022)	80
	<u>Unit-2: Seed Selection and Seedling Production</u> <i>(Session 1 to 10)</i>	FA-2 (To be completed during 1 st week of November, 2021)	20		(Practical 20 Marks) (Theory 20 Marks)	<u>Unit-4:</u> Soil Nutrient Management in Vegetable Crops <i>(Session: 1 to 6)</i>			
					<u>Unit-5:</u> Occupation Health, Hygiene and First Aid Practices <i>(Session: 1 to 6)</i>				

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CLASS – X

SUBJECT - AGRICULTURE

TERM - I					TERM - II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<u>Unit – 1:</u> Irrigation Management in Vegetable Crops <i>(Session 1 to 14)</i>	FA-1 (To be completed during 2 nd week of September, 2021)	20	SA-1 Term 1 End Examination (To be conducted during 3 rd week of November, 2021)	50	<u>Unit-3:</u> Integrated Pest and Disease Management in Vegetable Crops <i>(Session: 1 to 10)</i>	FA-3 (To be completed during 2 nd week of January, 2022)	20	SA-2 Final End Examination (To be conducted during 2 nd week of April, 2022)	80
<u>Unit – 2:</u> Weed Control and Management in Vegetable Crops <i>(Session 1 to 8)</i>	FA-2 (To be completed during 1 st week of November, 2021)	20	(Practical 30 Marks) (Theory 20 Marks)		<u>Unit-4:</u> Harvest and Post Harvest Management in Solanaceous Crops <i>(Session: 1 to 16)</i>	FA-4 (To be completed during 2 nd week of March, 2022)	20	Practical 50 Marks) (Theory 30 Marks)	

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CLASS – IX

SUBJECT - AUTOMOTIVE

TERM - I					TERM - II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<u>Unit – 1:</u> History and Evolution of Automobiles <i>(Session 1 to 4)</i>	FA-1 (To be completed during 2 nd week of September, 2021)	20	SA-1 Term 1 End Examination (To be conducted during 3 rd week of November, 2021)	40	<u>Unit-3:</u> Major Systems & Components of an Automobile <i>(Session: 1 to 11)</i>	FA-3 (To be completed during 2 nd week of January, 2022)	20	SA-2 Final End Examination (To be conducted during 2 nd week of April, 2022)	80
<u>Unit – 2:</u> Various types of Automobiles <i>(Session 1 to 5)</i>	FA-2 (To be completed during 1 st week of November, 2021)	20	(Practical 20 Marks) (Theory 20 Marks)		<u>Unit-4:</u> Road Safety <i>(Session: 1 to 5)</i>	FA-4 (To be completed during 2 nd week of March, 2022)	20	Practical 50 Marks) (Theory 30 Marks)	

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CLASS – X

SUBJECT - AUTOMOTIVE

TERM - I						TERM - II			
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<u>Unit – 1:</u> Automobile and its components <u>(Session 1 to 13)</u>	FA-1 (To be completed during 2 nd week of September, 2021)	20	SA-1 Term 1 End Examination (To be conducted during 3 rd week of November, 2021)	50	<u>Unit-3:</u> Vehicle Servicing <u>(Session: 1 to 5)</u>	FA-3 (To be completed during 2 nd week of January, 2022)	20	SA-2 Final End Examination (To be conducted during 2 nd week of April, 2022)	80
<u>Unit – 2:</u> Automobile Service Tools <u>(Session 1 to 5)</u>	FA-2 (To be completed during 1 st week of November, 2021)	20	(Practical 30 Marks) (Theory 20 Marks)		<u>Unit-4:</u> Innovation and development <u>(Session: 1)</u>	FA-4 (To be completed during 2 nd week of March, 2022)		20	

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CLASS – IX

SUBJECT – APPAREL

TERM - I						TERM - II			
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<u>Unit – 1:</u> Introduction to Sewing Machine <u>(Session 1 to 3)</u>	FA-1 (To be completed during 2 nd week of September, 2021)	20	SA-1 Term 1 End Examination (To be conducted during 3 rd week of November, 2021)	40	<u>Unit-3:</u> Introduction to Seams <u>(Session: 1 to 3)</u>	FA-3 (To be completed during 2 nd week of January, 2022)	20	SA-2 Final End Examination (To be conducted during 2 nd week of April, 2022) Practical 50 Marks) (Theory 30 Marks)	80
<u>Unit – 2:</u> Sewing Machine, Tools and Equipment <u>(Session 1 to 7)</u>	FA-2 (To be completed during 1 st week of November, 2021)	20	(Practical 20 Marks) (Theory 20 Marks)		<u>Unit-4:</u> Care and Maintenance of Sewing Machine <u>(Session: 1 & 5)</u>	FA-4 (To be completed during 2 nd week of March, 2022)	20		
					<u>Unit-5:</u> Health and Safety Measures for Sewing Machine Operator <u>(Session: 1 to 3)</u>				

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CLASS – X

SUBJECT – APPAREL

TERM - I						TERM - II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks	
<u>Unit – 1:</u> Application of Seams <i>(Session 1 to 2)</i>	FA-1 (To be completed during 2 nd week of September, 2021)	20	SA-1 Term 1 End Examination (To be conducted during 3 rd week of November, 2021)	50	<u>Unit-3:</u> Use of Fasteners in Garments <i>(Session: 1 & 2)</i>	FA-3 (To be completed during 2 nd week of January,2022)	20	SA-2 Final End Examination (To be conducted during 2 nd week of April, 2022)	80	
<u>Unit – 2:</u> Stitching of Garment Components <i>(Session 1 to 4)</i>	FA-2 (To be completed during 1 st week of November, 2021)	20	(Practical 30 Marks) (Theory 20 Marks)		<u>Unit-4:</u> Product Quality in Stitching Operations <i>(Session: 1 & 2)</i>	FA-4 (To be completed during 2 nd week of March,2022)	20			Practical 50 Marks) (Theory 30 Marks)
					<u>Unit-5:</u> Job Card Instructions <i>(Session: 1)</i>					

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CLASS – IX

SUBJECT – ELECTRONICS & HARDWARE

TERM - I					TERM - II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<u>Unit – 1:</u> Basic Electricity and Electronics <u>(Session 1 to 3)</u>	FA-1 (To be completed during 2 nd week of September, 2021)	20	SA-1 Term 1 End Examination (To be conducted during 3 rd week of November, 2021)	40	<u>Unit-3:</u> Repair and Maintenance of Water purifier <u>(Session: 8 to 10)</u>	FA-3 (To be completed during 2 nd week of January, 2022)	20	SA-2 Final End Examination (To be conducted during 2 nd week of April, 2022)	80
<u>Unit – 2:</u> Installation of Water purifier <u>(Session 1 to 5)</u>	FA-2 (To be completed during 1 st week of November, 2021)	20	(Practical 20 Marks) (Theory 20 Marks)		<u>Unit-4:</u> Maintain Health and Safety <u>(Session: 11)</u>	FA-4 (To be completed during 2 nd week of March, 2022)	20	Practical 50 Marks) (Theory 30 Marks)	

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SYLLABUS FOR THE SESSION, 2021-22

CLASS – X

SUBJECT – ELECTRONICS & HARDWARE

TERM - I					TERM - II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<u>Unit – 1:</u> Electrical Components and Motors <u>(Session 1 to 3)</u>	FA-1 (To be completed during 2 nd week of September, 2021)	20	SA-1 Term 1 End Examination (To be conducted during 3 rd week of November, 2021)	50	<u>Unit-3:</u> Repair and Maintenance of Microwave Oven <u>(Session: 1 to 3)</u>	FA-3 (To be completed during 2 nd week of January, 2022)	20	SA-2 Final End Examination (To be conducted during 2 nd week of April, 2022)	80
<u>Unit – 2:</u> Repair and Maintenance of Mixer/ Juicer/ Grinder <u>(Session 1 to 3)</u>	FA-2 (To be completed during 1 st week of November, 2021)	20	(Practical 30 Marks) (Theory 20 Marks)		<u>Unit-4:</u> Maintain Health and Safety <u>(Session: 1)</u>	FA-4 (To be completed during 2 nd week of March, 2022)	20	Practical 50 Marks) (Theory 30 Marks)	

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2021-22

CLASS – IX

SUBJECT – BEAUTY & WELLNESS

TERM - I					TERM - II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<u>Unit – 1:</u> Introduction To Beauty and Wellness Industry and Beauty Therapy <i>(Session 1 &2)</i>	FA-1 (To be completed during 2 nd week of September, 2021)	20	SA-1 Term 1 End Examination (To be conducted during 3 rd week of November, 2021)	40	<u>Unit – 2:</u> Manicure, Pedicure and Mehndi <i>(Session: 1& 2)</i>	FA-3 (To be completed during 2 nd week of January,2022)	20	SA-2 Final End Examination (To be conducted during 2 nd week of April, 2022)	80
<u>Unit – 1:</u> Introduction To Beauty and Wellness Industry and Beauty Therapy <i>(Session 3& 4)</i>	FA-2 (To be completed during 1 st week of November, 2021)	20	(Practical 20 Marks) (Theory 20 Marks)		<u>Unit – 2:</u> Manicure, Pedicure and Mehndi <i>(Session:3 &4)</i>	FA-4 (To be completed during 2 nd week of March,2022)	20	Practical 50 Marks) (Theory 30 Marks)	

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CLASS – X

SUBJECT – BEAUTY & WELLNESS

TERM - I					TERM - II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<u>Unit – 1:</u> Basic Skin Care Services <u>(Session 1 to 3)</u>	FA-1 (To be completed during 2 nd week of September, 2021)	20	SA-1 Term 1 End Examination (To be conducted during 3 rd week of November, 2021)	50	<u>Unit-3:</u> Makeup Service <u>(Session: 1& 2)</u>	FA-3 (To be completed during 2 nd week of January,2022)	20	SA-2 Final End Examination (To be conducted during 2 nd week of April, 2022)	80
					<u>Unit – 2:</u> Basic Depilation Services <u>(Session 1 to 3)</u>	FA-2 (To be completed during 1 st week of November, 2021)		20	

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CLASS- IX

SUBJECT- IT & ITeS

TERM-I					TERM-II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<u>Unit-1:</u> Word Processing (Elementary) <u>(Session 1,3,4,5 & 7)</u>	FA-1 (To be completed during 2 nd week of September,2021)	20	SA-1 Term-1 End Examination (To be conducted during 3 rd week of November,2021)	40	<u>Unit-3:</u> Presentation <u>(Session 1 to 4)</u>	FA-3 (To be completed during 2 nd week of January,2022)	20	SA-2 Final Year End Examination (To be conducted during 2ndweek of April,2022)	80
<u>Unit -2:</u> Spreadsheet Applications (Elementary) <u>(Session 1 to 7)</u>	FA-2 (To be completed during 1st week of November,2021)	20	(Practical 20 Marks) (Theory 20 Marks)		<u>Unit -3:</u> Presentation <u>(Session 5 to 8)</u>	FA-4 (To be completed during 2nd week of March,2022)		20	

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CLASS- X

SUBJECT- IT & ITeS

TERM-I					TERM-II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks
Unit-1: Word Processing (Advanced) (<u>Session 1 to 4</u>)	FA-1 (To be completed during 2 nd week of September,2021)	20	SA-1 Term-1 End Examination (To be conducted during 3 rd week of November,2021)	50	Unit-3: Database Applications (<u>Session 1 to 3</u>)	FA-3 (To be completed during 2 nd week of January,2022)	20	SA-2 Final Year End Examination (To be conducted during 2 nd week of April,2022)	80
Unit -2: Spreadsheet Applications (Advanced) (<u>Session 1 to 4</u>)	FA-1 (To be completed during 1 st week of November,2021)	20	(Practical 30 Marks) (Theory 20 Marks)		Unit -3: Database Applications (<u>Session 4 to 6</u>)	FA-4 (To be completed during 2 nd week of March,2022)		20	

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CLASS- IX

SUBJECT- PLUMBING

TERM-I					TERM-II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<i>Unit-1:</i> Introduction to Plumbing <i>(Session 1)</i>	FA-1 (To be completed during 2 nd week of September,2021)	20	SA-1 Term-1 End Examination (To be conducted during 3 rd week of November,2021)	40	<i>Unit-4:</i> Measurements and symbol used in Plumbing <i>(Session 1 to 3)</i>	FA-3 (To be completed during 2 nd week of January,2022)	20	SA-2 Final Year End Examination (To be conducted during 2ndweek of April,2022)	80
<i>Unit -2:</i> Tools for Plumbing <i>(Session 1 & 2)</i>	FA-2 (To be completed during 1st week of November,2021)	20	(Practical 20 Marks)		<i>Unit -5:</i> Plumbing fittings, joints and valves <i>(Session 1 to 3)</i>	FA-4 (To be completed during 2nd week of March,2022)	20	(Practical 50 Marks)	
<i>Unit -3:</i> Plumbing materials and plumbing pipes <i>(Session 1 to 3)</i>			(Theory 20 Marks)		(Theory 30 Marks)				

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CLASS- X

SUBJECT- PLUMBING

TERM-I					TERM-II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<p><i>Unit-1:</i></p> <p>PIPES – Cutting, Threading, Joining, and Testing of Pipelines</p> <p><u>(Session 1 to 4)</u></p>	<p>FA-1 (To be completed during 2nd week of September,2021)</p>	20	<p>SA-1 Term-1 End Examination (To be conducted during 3rd week of November,2021)</p> <p>(Practical 30 Marks)</p>	50	<p><i>Unit -3:</i></p> <p>Basic building construction</p> <p><u>(Session 1 & 2)</u></p>	<p>FA-3</p> <p>(To be completed during 2nd week of January,2022)</p>	20	<p>SA-2 Final Year End Examination (To be conducted during 2nd week of April,2022)</p>	80
<p><i>Unit -2:</i></p> <p>Plumbing and sanitary fixtures</p> <p><u>(Session 1 to 4)</u></p>	<p>FA-2 (To be completed during 1st week of November,2021)</p>	20	<p>(Theory 20 Marks)</p>		<p><i>Unit -5:</i></p> <p>Repairing of basic plumbing system</p> <p><u>(Session 1)</u></p>	<p>FA-4 (To be completed during 2nd week of March,2022)</p>	20	<p>(Practical 50 Marks)</p> <p>(Theory 30 Marks)</p>	

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2021-22

CLASS- IX

SUBJECT- RETAIL

TERM-I					TERM-II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<i>Unit-1:</i> Introduction to Retail <i>(Session 1 to 4)</i>	FA-1 (To be completed during 2 nd week of September,2021)	20	SA-1 Term-1 End Examination (To be conducted during 3 rd week of November,2021)	40	<i>Unit-3:</i> Stock Levels in Storage <i>(Session 1 to 4)</i>	FA-3 (To be completed during 2 nd week of January,2022)	20	SA-2 Final Year End Examination (To be conducted during 2 nd week of April,2022)	80
<i>Unit -2:</i> Receiving and Storage of Goods <i>(Session 1 to 5)</i>	FA-1 (To be completed during 1 st week of November,2021)	20	(Practical 20 Marks) (Theory 20 Marks)		<i>Unit -4:</i> Customer Service <i>(Session 1 to 4)</i>	FA-4 (To be completed during 2 nd week of March,2022)	20	(Practical 50 Marks) (Theory 30 Marks)	

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CLASS- X

SUBJECT- RETAIL

TERM-I					TERM-II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks
Unit-1: Delivery of Goods <i>(Session 1 to 6)</i>	FA-1 (To be completed during 2 nd week of September,2021)	20	SA-1 Term-1 End Examination (To be conducted during 3 rd week of November,2021)	50	<i>Unit-3:</i> Health and Safety Practices <i>(Session 1 to 6)</i>	FA-3 (To be completed during 2 nd week of January,2022)	20	SA-2 Final Year End Examination (To be conducted during 2 nd week of April,2022)	80
<i>Unit -2:</i> Retail Store Operation <i>(Session 1 to 6)</i>	FA-1 (To be completed during 1 st week of November,2021)	20	(Practical 30 Marks) (Theory 20 Marks)		<i>Unit -4:</i> Work in Team & Organisation <i>(Session 1 to 4)</i>	FA-4 (To be completed during 2 nd week of March,2022)	20	(Practical 50 Marks) (Theory 30 Marks)	

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2021-22

CLASS- IX

SUBJECT- TOURISM & HOSPITALITY

TERM-I					TERM-II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<i>Unit-1:</i> Introduction to Tourism and Hospitality industry <i>(Session 1 to 6)</i>	FA-1 (To be completed during 2 nd week of September,2021)	20	SA-1 Term-1 End Examination (To be conducted during 3 rd week of November,2021)	40	<i>Unit-4:</i> Food and Beverage Service Operation <i>(Session 1 to 3)</i>	FA-3 (To be completed during 2 nd week of January,2022)	20	SA-2 Final Year End Examination (To be conducted during 2 nd week of April,2022) (Practical 50 Marks)	80
<i>Unit -2:</i> Classification of Catering Industry <i>(Session 1 to 3)</i>	FA-2 (To be completed during 1 st week of November,2021)	20	(Practical 20 Marks)		<i>Unit -5:</i> After-Dining activities <i>(Session 1 to 4)</i>	FA-4 (To be completed during 2 nd week of March,2022)			
<i>Unit -3:</i> Preparation for food and Beverage service operation <i>(Session 1 to 4)</i>			(Theory 20 Marks)		<i>Unit -6:</i> Communication with Customers and Colleagues <i>(Session 1 to 4)</i>		(Theory 30 Marks)		

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CLASS- X

SUBJECT- TOURISM & HOSPITALITY

TERM-I					TERM-II				
Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Contents	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<i>Unit-1: Customer Centric Service <u>(Session 1 to 6)</u></i>	FA-1 (To be completed during 2 nd week of September,2021)	20	SA-1 Term-1 End Examination (To be conducted during 3 rd week of November,2021) (Practical 30 Marks) (Theory 20 Marks)	50	<i>Unit -3: Gender and Age Sensitive Services <u>(Session 1 to 3)</u></i>	FA-3 (To be completed during 2 nd week of January,2022)	20	SA-2 Final Year End Examination (To be conducted during 2 nd week of April,2022) (Practical 50 Marks) (Theory 30 Marks)	80
<i>Unit -2: Etiquette And Hospitable Conduct <u>(Session 1 to 7)</u></i>	FA-2 (To be completed during 1 st week of November,2021)	20			<i>Unit-5 Health and Hygiene <u>(Session 1 to 4)</u></i>	FA-4 (To be completed during 2 nd week of March,2022)			