

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2023-24

CLASS – IX

SUBJECT - AGRICULTURE
JOB ROLE – SOLANACEOUS CROP CULTIVATOR

TERM – I					TERM - II				
Content	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 3rd Week of July, 2023)	20	HALFYEARL Y Examination (To be conducted during 2nd week of September, 2023) (Practical 50 Marks) (Theory 50 Marks)	100	<u>Unit-3:</u> Field Preparation and Transplanting in Solanaceous Crops <i>(Session: 1 to 10)</i>	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024) Practical 50 Marks) (Theory 50 Marks)	100
	<u>Unit-2:</u> Seed Selection and Seedling Production <i>(Session 1 to 10)</i>	FA-2 (To be completed during 1st Week of September, 2023)			20	<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>									
Revision Work			(From 2 nd Week of January to 2 nd week of February, 2024)						

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2023-24

CLASS – IX

SUBJECT - AGRICULTURE
JOB ROLE – BAMBOO GROWER/FARMER

TERM - I					TERM - II					
Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks	
<u>Unit – 1:</u> Introduction to Bamboo <i>(Session 1 to 2)</i>	FA-1 (To be completed during 3rd Week of July, 2023)	20	HALFYEARLY Examination (To be conducted during 2nd week of September, 2023)	100	<u>Unit – 2:</u> Bamboo Nursery Techniques <i>(Session 3 to 5)</i>	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024)	100	
<u>Unit – 2:</u> Bamboo Nursery Techniques <i>(Session 1 to 2)</i>	FA-2 (To be completed during 1st Week of September, 2023)	20	(Practical 50 Marks) (Theory 50 Marks)		<u>Unit-3:</u> Bamboo Plantation Establishment <i>(Session 1 to 3)</i>	FA-4 (To be completed by 2nd Week of January, 2024)	20			Practical 50 Marks) (Theory 50 Marks)
					Revision Work	(From 2 nd Week of January to 2 nd week of February, 2024)				

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2023-24

CLASS – IX

SUBJECT - AUTOMOTIVE
JOB ROLE – AUTO SERVICE TECHNICIAN L3 / FOUR
WHEELER SERVICE ASSISTANT

TERM - I					TERM - II					
Content	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 <u>(Session 1 to 4)</u>	FA-1 (To be completed during 3rd Week of July, 2023)	20	HALFYEARLY Examination (To be conducted during 2nd week of September, 2023)	100	<u>Unit-3:</u> Major Systems & Components of an Automobile <u>(Session: 7 to 11)</u> <u>Unit-4:</u> Road Safety <u>(Session: 1 to 5)</u>	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024)	100	
<u>Unit – 2:</u> Various type of Automobiles <u>(Session 1 to 5)</u> <u>Unit-3:</u> Major Systems & Components of an Automobile <u>(Session: 1 to 6)</u>	FA-2 (To be completed during 1st Week of September, 2023)	20	(Practical 50 Marks) (Theory 50 Marks)		<u>Unit-:5</u> Automobile and our Environment <u>(Session: 1 to 3)</u> <u>Unit-:6</u> Introduction to Vehicle Maintanance and Servicing <u>(Session: 1 to 3)</u> <u>Unit-:7</u> Innovation and development in Automobiles <u>(Session: 1)</u>	FA-4 (To be completed by 2nd Week of January, 2024)	20			Practical 50 Marks) (Theory 50 Marks)
					Revision Work	(From 2 nd Week of January to 2 nd week of February, 2024)				

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2023-24

CLASS – IX

SUBJECT – APPAREL
JOB ROLE – SEWING MACHINE OPERATOR

TERM - I					TERM - II					
Content	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 3rd Week of July, 2023)	20	HALFYEARLY Examination (To be conducted during 2nd week of September, 2023)	100	<u>Unit-3:</u> Basics of Garment Construction <u>(Session: 1 to 3)</u>	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024)	100	
<u>Unit – 2:</u> Sewing Tools and Sewing Machine Operations <u>(Session 1 to 7)</u>	FA-2 (To be completed during 1st Week of September, 2023)	20	(Practical 50 Marks) (Theory 50 Marks)		<u>Unit-4:</u> Care and Maintenance of Sewing Machine <u>(Session:1 to 5)</u>	FA-4 (To be completed by 2nd Week of January, 2024)	20			Practical 50 Marks) (Theory 50 Marks)
					<u>Unit-5:</u> Hazards in Industry & Safety Measures <u>(Session: 1 to 4)</u>					
				Revision Work	(From 2 nd Week of January to 2 nd week of February, 2024)					

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2023-24

CLASS – IX

SUBJECT – BEAUTY & WELLNESS

JOB ROLE – ASST. BEAUTY THERAPIST

TERM - I					TERM - II				
Content	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 3rd Week of July, 2023)	20	HALFYEARLY Examination (To be conducted during 2nd week of September, 2023) (Practical 50 Marks) (Theory 50 Marks)	100	<u>Unit – 2:</u> Manicure, Pedicure and Mehndi <i>(Session: 1 to 4)</i>	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024) Practical 50 Marks) (Theory 50 Marks)	100
	<u>Unit – 1:</u> Introduction To Beauty and Wellness Industry and Beauty Therapy <i>(Session 3 & 4)</i>	FA-2 (To be completed during 1st Week of September, 2023)			20	<u>Unit – 3:</u> Hair Care <i>(Session: 1 & 2)</i>	FA-4 (To be completed by 2nd Week of January, 2024)		
Revision Work (From 2 nd Week of January to 2 nd week of February, 2024)									

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CLASS – IX

SUBJECT – CONSTRUCTION
JOB ROLE – ASST. MASON

TERM - I						TERM - II				
Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks	
<u>Unit – 1:</u> Building Materials <u>(Session 1 to 2)</u>	FA-1 (To be completed during 3rd Week of July, 2023)	20	HALFYEARLY Examination (To be conducted during 2nd week of September, 2023) (Practical 50 Marks) (Theory 50 Marks)	100	<u>Unit – 2:</u> Masonry tools <u>(Session 1)</u> <u>Unit-3:</u> Building Drawing <u>(Session: 1)</u>	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024) Practical 50 Marks) (Theory 50 Marks)	100	
<u>Unit – 1:</u> Building Materials <u>(Session 3 to 4)</u>	FA-2 (To be completed during 1st Week of September, 2023)	20			<u>Unit-4:</u> Foundation <u>(Session: 1 & 2)</u>	FA-4 (To be completed by 2nd Week of January, 2024)	20			
					Revision Work (From 2 nd Week of January to 2 nd week of February, 2024)					

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CLASS – IX

SUBJECT – ELECTRONICS
JOB ROLE – JUNIOR FIELD TECHNICIAN- HOME APPLIANCE

TERM - I					TERM - II				
Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<i>Unit – 1:</i> Fundamentals of Electricals & Electronics Engineering <i>(Session 1 to 2)</i>	FA-1 (To be completed during 3rd Week of July, 2023)	20	HALFYEARLY Examination (To be conducted during 2nd week of September, 2023) (Practical 50 Marks) (Theory 50 Marks)	100	<i>Unit-2:</i> Installation & Repair and Maintenance of LED & Other Lights <i>(Session: 1 to 3)</i>	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024) Practical 50 Marks) (Theory 50 Marks)	100
	<i>Unit – 1:</i> Fundamentals of Electricals & Electronics Engineering <i>(Session 3 to 4)</i>	FA-2 (To be completed during 1st Week of September, 2023)			20	<i>Unit-3:</i> Work ethics, quality, sustaintiality & Safety <i>(Session: 1 to 4)</i>	FA-4 (To be completed by 2nd Week of January, 2024)		
					Revision Work (From 2 nd Week of January to 2 nd week of February, 2024)				

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
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CLASS – IX

SUBJECT – FOOD PROCESSING
JOB ROLE – BAKING TECHNICIAN

TERM - I					TERM - II				
Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks	Content	Formative Assessment	Total Marks	Summative Assessment	Total Marks
<u>Unit – 1:</u> OVERVIEW OF BAKERY SECTOR <u>(Session 1 to 3)</u>	FA-1 (To be completed during 3rd Week of July, 2023)	20	HALFYEARLY Examination (To be conducted during 2nd week of September, 2023) (Practical 50 Marks) (Theory 50 Marks)	100	<u>Unit-3:</u> FOOD MICROBIOLOGY <u>(Session: 1 to 4)</u>	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024) Practical 50 Marks) (Theory 50 Marks)	100
	<u>Unit – 2:</u> PREPARATION AND MAINTENANCE OF WORK AREA AND MACHINERIES <u>(Session 1 to 4)</u>	FA-2 (To be completed during 1st Week of September, 2023)			20	<u>Unit-4:</u> PRE- PREPARATION AND BAKING THE PRODUCTS IN THE OVEN <u>(Session: 1 to 3)</u>	FA-4 (To be completed by 2nd Week of January, 2024)		
					Revision Work (From 2 nd Week of January to 2 nd week of February, 2024)				

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2023-24

CLASS- IX

SUBJECT- IT/ITES

JOB ROLE – DOMESTIC DATA ENTRY OPERATOR

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> Introduction to IT–ITeS Industry (<u>Session 1</u>)	FA-1 (To be completed during 3rd Week of July, 2023)	20	HALFYEARLY Examination (To be conducted during 2nd week of September, 2023) (Practical 50 Marks) (Theory 50 Marks)	100	<u>Unit-3:</u> Digital Documentati on on (<u>Session 5 to 6</u>) <u>Unit -4:</u> Electronic Spreadsheet (<u>Session 1 to 3</u>)	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024) Practical 50 Marks) (Theory 50 Marks)	100
<u>Unit -2:</u> Data Entry and Keyboarding Skills (<u>Session 1,2</u>) <u>Unit-3:</u> Digital Documentation (<u>Session 1 to 4</u>)	FA-2 (To be completed during 1st Week of September, 2023)	20			<u>Unit -4:</u> Electronic Spreadsheet (<u>Session 4 to 5</u>) <u>Unit -5:</u> Digital Presentation (<u>Session 1 to 7</u>)	FA-4 (To be completed by 2nd Week of January, 2024)	20		
					Revision Work (From 2 nd Week of January to 2 nd week of February, 2024)				

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SYLLABUS FOR THE SESSION,2023-24

CLASS- IX

SUBJECT- PLUMBING

JOB ROLE – PLUMBER GENERAL

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 3rd Week of July, 2023)	20	HALFYEARLY Examination (To be conducted during 2nd week of September, 2023)	100	<i>Unit-4:</i> Measurements and symbol used in Plumbing <i>(Session 1 to 3)</i>	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024)	100
<i>Unit -2:</i> Tools for Plumbing <i>(Session 1 & 2)</i>	FA-2 (To be completed during 1st Week of September, 2023)	20	(Practical 50 Marks)		<i>Unit -5:</i> Plumbing fittings, joints and valves <i>(Session 1 to 2)</i>	FA-4 (To be completed by 2nd Week of January, 2024)	20	Practical 50 Marks)	
<i>Unit -3:</i> Plumbing materials and plumbing pipes <i>(Session 1 to 3)</i>			(Theory 50 Marks)		Revision Work (From 2 nd Week of January to 2 nd week of February, 2024)			(Theory 50 Marks)	

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2023-24

CLASS- IX

SUBJECT- RETAIL

JOB ROLE – STORE OPERATION ASST

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 Retailing <u>(Session 1 to 4)</u>	FA-1 (To be completed during 3rd Week of July, 2023)	20	HALFYEARLY Examination (To be conducted during 2nd week of September, 2023) (Practical 50 Marks) (Theory 50 Marks)	100	<i>Unit-3:</i> Stock Levels in Storage <u>(Session 1 to 4)</u>	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024) Practical 50 Marks) (Theory 50 Marks)	100
<i>Unit -2:</i> Receiving and Storage of Goods <u>(Session 1 to 4)</u>	FA-2 (To be completed during 1st Week of September, 2023)	20			<i>Unit -4:</i> Customer Service <u>(Session 1 to 4)</u>	FA-4 (To be completed by 2nd Week of January, 2024)	20		
					Revision Work	(From 2 nd Week of January to 2 nd week of February, 2024)			

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

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CLASS- IX

SUBJECT- TELECOM

JOB ROLE: OPTICAL FIBRE SPLICER

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> Optical Communication Technology <u>(Session 1 to 3)</u>	FA-1 (To be completed during 3rd Week of July, 2023)	20	HALFYEARLY Examination (To be conducted during 2nd week of September, 2023) (Practical 50 Marks) (Theory 50 Marks)	100	<u>Unit - 3:</u> Splicing Operations <u>(Session 1 & 2)</u>	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024) Practical 50 Marks)	100
					<u>Unit - 4:</u> Optical Fiber Testing <u>(Session 1)</u>				
<u>Unit -2:</u> Splicing Tools and Equipment <u>(Session 1 & 2)</u>	FA-2 (To be completed during 1st Week of September, 2023)	20			<u>Unit - 5:</u> Maintain Health and Safety <u>(Session 1 & 2)</u>	FA-4 (To be completed by 2nd Week of January, 2024)	20	(Theory 50 Marks)	
					Revision Work (From 2 nd Week of January to 2 nd week of February, 2024)				

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2023-24

CLASS- IX

SUBJECT- TOURISM & HOSPITALITY

JOB ROLE – FOOD & BEVERAGES SERVICE ASSISTANT

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 3rd Week of July, 2023)	20	HALFYEARLY Examination (To be conducted during 2nd week of September, 2023) (Practical 50 Marks) (Theory 50 Marks)	100	<i>Unit-4:</i> Food and Beverage Service Operation <i>(Session 1 to 3)</i>	FA-3 (To be completed during Last week of November, 2023)	20	ANNUAL Examination (To be conducted during 3rd week of February, 2024) Practical 50 Marks (Theory 50 Marks)	100
<i>Unit -2:</i> Classification of Catering Industry <i>(Session 1 to 3)</i>	FA-2 (To be completed during 1st Week of September, 2023)	20			<i>Unit -5:</i> After-Dining activities <i>(Session 1 to 4)</i>	FA-4 (To be completed by 2nd Week of January, 2024)	20		
<i>Unit -3:</i> Preparation for food and Beverage service operation <i>(Session 1 to 4)</i>					<i>Unit -6:</i> Communication with Customers and Colleagues <i>(Session 1 to 4)</i>				
					Revision Work	(From 2 nd Week of January to 2 nd week of February, 2024)			

