

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2022-23

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 last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<u>Unit-3:</u> Field Preparation and Transplanting in Solanaceous Crops <i>(Session: 1 to 10)</i>	FA-3 (To be completed during 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	80	
	<u>Unit-2:</u> Seed Selection and Seedling Production <i>(Session 1 to 10)</i>	FA-2 (To be completed during 1 st week of October, 2022)	20		(Practical 50 Marks) (Theory 30 Marks)	<u>Unit-4:</u> Soil Nutrient Management in Vegetable Crops <i>(Session: 1 to 6)</i>				FA-4 (To be completed during 2 nd week of February, 2023)
<u>Unit-5:</u> Occupation Health, Hygiene and First Aid Practices <i>(Session: 1 to 6)</i>										

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SYLLABUS FOR THE SESSION, 2022-23

CLASS – X

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> Irrigation Management in Vegetable Crops <u>(Session 1 to 14)</u>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022) (Practical 50 Marks)	80	<u>Unit-3:</u> Integrated Pest and Disease Management in Vegetable Crops <u>(Session: 9 to 10)</u>	FA-3 (To be completed during 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	80
					<u>Unit-4:</u> Harvest and Post Harvest Management in Solanaceous Crops <u>(Session: 1 to 13)</u>				
<u>Unit – 2:</u> Weed Control and Management in Vegetable Crops <u>(Session 1 to 8)</u> <u>Unit-3:</u> Integrated Pest and Disease Management in Vegetable Crops <u>(Session: 1 to 7)</u>	FA-2 (To be completed during 1 st week of October, 2022)	20	(Theory 30 Marks)	<u>Unit-4:</u> Harvest and Post Harvest Management in Solanaceous Crops <u>(Session: 14 to 16)</u> <u>Unit-5:</u> Basic Farm Management <u>(Session: 1 to 15)</u>	FA-4 (To be completed during 2 nd week of February, 2023)	20	(Theory 30 Marks)		

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2022-23

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 last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<u>Unit – 2:</u> Bamboo Nursery Techniques <i>(Session 3 to 5)</i>	FA-3 (To be completed during 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023) Practical 50 Marks (Theory 30 Marks)	80
<u>Unit – 2:</u> Bamboo Nursery Techniques <i>(Session 1 to 2)</i>	FA-2 (To be completed during 1 st week of October, 2022)	20	(Practical 50 Marks) (Theory 30 Marks)		<u>Unit-3:</u> Bamboo Plantation Establishment <i>(Session 1 to 3)</i>	FA-4 (To be completed during 2 nd week of February, 2023)	20		

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SYLLABUS FOR THE SESSION, 2022-23

CLASS – X

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> Bamboo Plantation Maintenance <u>(Session 1 to 2)</u>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<u>Unit – 2:</u> Harvesting and Post Harvesting Technology <u>(Session 3)</u>	FA-3 (To be completed during 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	80
					<u>Unit-3:</u> Marketing of Bamboo <u>(Session 1)</u>				
<u>Unit – 2:</u> Harvesting and Post Harvesting Technology <u>(Session 1 to 2)</u>	FA-2 (To be completed during 1 st week of October, 2022)	20	(Practical 50 Marks) (Theory 30 Marks)		<u>Unit-3:</u> Marketing of Bamboo <u>(Session 2 to 3)</u>	FA-4 (To be completed during 2 nd week of February, 2023)	20	Practical 50 Marks) (Theory 30 Marks)	

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2022-23

CLASS – IX

SUBJECT - AUTOMOTIVE
JOB ROLE – AUTOMOTIVE SERVICE TECHNICIAN L-3

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 last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022) (Practical 50 Marks)	80	<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 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	80
					<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>				

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SYLLABUS FOR THE SESSION, 2022-23

CLASS – X

SUBJECT - AUTOMOTIVE
JOB ROLE – AUTOMOTIVE SERVICE TECHNICIAN L-3

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> Automobile and its components <u>(Session 1 to 8)</u>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<u>Unit – 2:</u> Automobile Service Tools <u>(Session 3 to 5)</u> <u>Unit-3:</u> Vehicle Servicing <u>(Session: 1 to 2)</u>	FA-3 (To be completed during 3 rd week of December 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February 2023) Practical 50 Marks) (Theory 30 Marks)	80
<u>Unit – 1:</u> Automobile and its components <u>(Session 8 to 13)</u> <u>Unit – 2:</u> Automobile Service Tools <u>(Session 1 to 2)</u>	FA-2 (To be completed during 1 st week of October, 2022)	20	(Practical 50 Marks) (Theory 30 Marks)		<u>Unit-3:</u> Vehicle Servicing <u>(Session: 3 to 5)</u> <u>Unit-4:</u> Customer Sales Care <u>(Session: 1)</u> <u>Unit-4:</u> Innovation and development <u>(Session: 1)</u>	FA-4 (To be completed during 2 nd week of February 2023)	20		

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2022-23

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 last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<u>Unit-3:</u> Introduction to Seams <u>(Session: 1 to 3)</u>	FA-3 (To be completed during 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	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 October, 2022)	20	(Practical 50 Marks) (Theory 30 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 February 2023)	20	Practical 50 Marks) (Theory 30 Marks)	
					<u>Unit-5:</u> Health and Safety Measures for Sewing Machine Operator <u>(Session: 1 to 3)</u>				

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2022-23

CLASS – X

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
<i>Unit – 1:</i> Application of Seams <i>(Session 1 to 2)</i>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<i>Unit-3:</i> Use of Fasteners in Garments <i>(Session: 1 & 2)</i>	FA-3 (To be completed during 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	80
<i>Unit – 2:</i> Stitching of Garment Components <i>(Session 1 to 4)</i>	FA-2 (To be completed during 1 st week of October, 2022)	20	(Practical 50 Marks) (Theory 30 Marks)		<i>Unit-4:</i> Product Quality in Stitching Operations <i>(Session: 1 & 2)</i>	FA-4 (To be completed during 2 nd week of February, 2023)	20		
				<i>Unit-5:</i> Job Card Instructions <i>(Session: 1 & 2)</i>					

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2022-23

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 last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<u>Unit – 2:</u> Manicure, Pedicure and Mehndi <i>(Session: 1 to 4)</i>	FA-3 (To be completed during 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	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 October, 2022)	20	(Practical 50 Marks) (Theory 30 Marks)		<u>Unit – 3:</u> Hair Care <i>(Session:1 & 2)</i>	FA-4 (To be completed during 2 nd week of February, 2023)	20		

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
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CLASS – X

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> Basic Skin Care Services <u>(Session 1 to 3)</u>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<u>Unit-3:</u> Makeup Service <u>(Session: 1 to 3)</u>	FA-3 (To be completed during 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	80
	<u>Unit – 2:</u> Basic Depilation Services <u>(Session 1 to 3)</u>	FA-2 (To be completed during 1 st week of October, 2022)	20		(Practical 50 Marks) (Theory 30 Marks)	<u>Unit-4:</u> Creative Positive Impression at the Workplace <u>(Session: 1 & 2)</u>	FA-4 (To be completed during 2 nd week of February, 2023)		

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2022-23

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 last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<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 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023) Practical 50 Marks) (Theory 30 Marks)	80
<u>Unit – 1:</u> Building Materials <u>(Session 3 to 4)</u>	FA-2 (To be completed during 1 st week of October, 2022)	20	(Practical 50 Marks) (Theory 30 Marks)		<u>Unit-4:</u> Foundation <u>(Session: 1 & 2)</u>	FA-4 (To be completed during 2 nd week of February, 2023)	20		

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK

SYLLABUS FOR THE SESSION, 2022-23

CLASS – X

**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
<p><u>Unit – 1:</u> Stone and Brick Masonry <u>(Session 1 to 4)</u></p>	<p>FA-1 (To be completed during last week of July, 2022)</p>	20	<p>SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)</p> <p>(Practical 50 Marks)</p>	80	<p><u>Unit – 2:</u> Scaffolding <u>(Session 2 to 4)</u></p> <p><u>Unit-3:</u> Tools related to masonry work <u>(Session: 1 & 2)</u></p>	<p>FA-3 (To be completed during 3rd week of December, 2022)</p>	20	<p>SA-2 Final Year End Examination (To be conducted last week of February, 2023)</p> <p>Practical 50 Marks)</p>	80
<p><u>Unit – 1:</u> Stone and Brick Masonry <u>(Session 5 to 9)</u></p>	<p>FA-2 (To be completed during 1st week of October, 2022)</p>	20	<p>(Theory 30 Marks)</p>		<p><u>Unit-4:</u> Floor and wall tiles and its laying <u>(Session: 1 to 4)</u></p>	<p>FA-4 (To be completed during 2nd week of February, 2023)</p>	20	<p>(Theory 30 Marks)</p>	
<p><u>Unit – 2:</u> Scaffolding <u>(Session 1)</u></p>									

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2022-23

CLASS – IX

SUBJECT – ELECTRONICS & HARDWARE
JOB ROLE – FIELD TECHNICIAN- OTHER 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> Basic Electricity and Electronics <i>(Session 1 to 3)</i>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<i>Unit-3:</i> Repair and Maintenance of Water purifier <i>(Session: 1 to 3)</i>	FA-3 (To be completed during 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	80
<i>Unit – 2:</i> Installation of Water purifier <i>(Session 1 to 5)</i>	FA-2 (To be completed during 1 st week of October, 2022)	20	(Practical 50 Marks) (Theory 30 Marks)		<i>Unit-4:</i> Maintain Health and Safety <i>(Session: 1)</i>	FA-4 (To be completed during 2 nd week of February, 2023)	20	Practical 50 Marks) (Theory 30 Marks)	

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SYLLABUS FOR THE SESSION, 2022-23

CLASS – X

SUBJECT – ELECTRONICS & HARDWARE
JOB ROLE – FIELD TECHNICIAN- OTHER 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> Electrical Components and Motors <i>(Session 1 to 3)</i>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<i>Unit-3:</i> Repair and Maintenance of Microwave Oven <i>(Session: 1 to 3)</i>	FA-3 (To be completed during 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	80
	<i>Unit – 2:</i> Repair and Maintenance of Mixer/ Juicer/ Grinder <i>(Session 1 to 3)</i>	FA-2 (To be completed during 1 st week of October, 2022)	20		(Practical 50 Marks) (Theory 30 Marks)	<i>Unit-4:</i> Maintain Health and Safety <i>(Session: 1)</i>	FA-4 (To be completed during 2 nd week of February, 2023)		

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2022-23

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 <i>(Session 1 to 3)</i>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<u>Unit-3:</u> FOOD MICROBIOLOGY <i>(Session: 1 to 4)</i>	FA-3 (To be completed during 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	80
					<u>Unit-4:</u> PRE- PREPARATION AND BAKING THE PRODUCTS IN THE OVEN <i>(Session: 1 to 3)</i>				

BOARD OF SECONDARY EDUCATION ODISHA, CUTTACK
SYLLABUS FOR THE SESSION, 2022-23

CLASS – X

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> FOOD SAFETY STANDARDS <i>(Session 1 to 2)</i>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	<u>Unit-3:</u> <u>BAKING, STORING AND PACKAGING</u> <i>(Session: 1 to 4)</i>	FA-3 (To be completed during 3 rd week of December, 2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023) Practical 50 Marks (Theory 30 Marks)	80
<u>Unit – 2:</u> HYGIENE AND SANITATION <i>(Session 1 to 3)</i>	FA-2 (To be completed during 1 st week of October, 2022)	20	(Practical 50 Marks) (Theory 30 Marks)		<u>Unit-4:</u> <u>DOCUMENTATION AND RECORD KEEPING</u> <i>(Session: 1 to 3)</i>	FA-4 (To be completed during 2 nd week of February, 2023)	20		

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2022-23

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> Word Processing (Elementary) <u>(Session 1,3,4,5 & 7)</u>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022) (Practical 50 Marks) (Theory 30 Marks)	80	<u>Unit-3:</u> Presentation <u>(Session 1 to 4)</u>	FA-3 (To be completed during 3 rd week of December,2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023) Practical 50 Marks (Theory 30 Marks)	80
<u>Unit -2:</u> Spreadsheet Applications (Elementary) <u>(Session 1 to 7)</u>	FA-2 (To be completed during 1 st week of October, 2022)	20			<u>Unit -3:</u> Presentation <u>(Session 5 to 8)</u>	FA-4 (To be completed during 2 nd week of February, 2023)	20		

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2022-23

CLASS- X

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
Unit-1: Word Processing (Advanced) <u>(Session 1 to 4)</u>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	Unit-3: Database Applications <u>(Session 1 to 3)</u>	FA-3 (To be completed during 3 rd week of December,2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	80
Unit -2: Spreadsheet Applications (Advanced) <u>(Session 1 to 4)</u>	FA-2 (To be completed during 1 st week of October, 2022)	20	(Practical 50 Marks) (Theory 30 Marks)		Unit -3: Database Applications <u>(Session 4 to 6)</u>	FA-4 (To be completed during 2 nd week of February,2023)	20		

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2022-23

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 last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022) (Practical 50 Marks) (Theory 30 Marks)	80	<i>Unit-4:</i> Measurements and symbol used in Plumbing <i>(Session 1 to 3)</i>	FA-3 (To be completed during 3 rd week of December,2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023) Practical 50 Marks (Theory 30 Marks)	80
<i>Unit -2:</i> Tools for Plumbing <i>(Session 1 & 2)</i>	FA-2 (To be completed during 1 st week of October, 2022)	20			<i>Unit -5:</i> Plumbing fittings, joints and valves <i>(Session 1 to 3)</i>	FA-4 (To be completed during 2 nd week of February,2023)	20		
<i>Unit -3:</i> Plumbing materials and plumbing pipes <i>(Session 1 to 3)</i>									

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SYLLABUS FOR THE SESSION,2022-23

CLASS- X

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
<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</p> <p>(To be completed during last week of July, 2022)</p>	20	<p>SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)</p> <p>(Practical 50 Marks)</p>	80	<p><i>Unit -3:</i></p> <p>Basic building construction</p> <p><u>(Session 1 & 2)</u></p> <p><i>Unit -4:</i></p> <p>Pumps and their Installation</p> <p><u>(Session 1)</u></p>	<p>FA-3</p> <p>(To be completed during 3rd week of December,2022)</p>	20	<p>SA-2 Final Year End Examination (To be conducted last week of February, 2023)</p> <p>Practical 50 Marks)</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</p> <p>(To be completed during 1st week of October, 2022)</p>	20	<p>(Theory 30 Marks)</p>		<p><i>Unit -4:</i></p> <p>Repairing of basic plumbing system</p> <p><u>(Session 2 & 3)</u></p> <p><i>Unit -5:</i></p> <p>Repairing of basic plumbing system</p> <p><u>(Session 1)</u></p>	<p>FA-4</p> <p>(To be completed during 2nd week of February,2023)</p>	20	<p>(Theory 30 Marks)</p>	

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2022-23

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 Retail <i>(Session 1 to 4)</i>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022) (Practical 50 Marks) (Theory 30 Marks)	80	<i>Unit-3:</i> Stock Levels in Storage <i>(Session 1 to 4)</i>	FA-3 (To be completed during 3 rd week of December,2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023) Practical 50 Marks) (Theory 30 Marks)	80
<i>Unit -2:</i> Receiving and Storage of Goods <i>(Session 1 to 5)</i>	FA-2 (To be completed during 1 st week of October, 2022)	20			<i>Unit -4:</i> Customer Service <i>(Session 1 to 4)</i>	FA-4 (To be completed during 2 nd week of February,2023)	20		

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2022-23

CLASS- X

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
Unit-1: Delivery of Goods <i>(Session 1 to 6)</i>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022)	80	Unit-3: Health and Safety Practices <i>(Session 1 to 6)</i>	FA-3 (To be completed during 3 rd week of December,2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023)	80
Unit -2: Retail Store Operation <i>(Session 1 to 6)</i>	FA-2 (To be completed during 1 st week of October, 2022)	20	(Practical 50 Marks) (Theory 30 Marks)		Unit -4: Work in Team & Organisation <i>(Session 1 to 4)</i>	FA-4 (To be completed during 2 nd week of February,2023)	20	Practical 50 Marks) (Theory 30 Marks)	

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2022-23

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
Unit-1: Optical Communication Technology <i>(Session 1 to 3)</i>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022) (Practical 50 Marks) (Theory 30 Marks)	80	Unit -3: Splicing Operations <i>(Session 1 & 2)</i>	FA-3 (To be completed during 3 rd week of December,2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023) Practical 50 Marks)	80
					Unit - 4: Optical Fiber Testing <i>(Session 1)</i>				
Unit -2: Splicing Tools and Equipment <i>(Session 1 & 2)</i>	FA-2 (To be completed during 1 st week of October, 2022)	20			Unit - 5: Maintain Health and Safety <i>(Session 1 & 2)</i>	FA-4 (To be completed during 2 nd week of February,2023)	20	(Theory 30 Marks)	

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2022-23

CLASS- X

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> Fiber Optic Communication and Route Inspection <i>(Session 1 to 4)</i>	FA-1 (To be completed during last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022) (Practical 50 Marks) (Theory 30 Marks)	80	<u>Unit -3:</u> Cable laying and Installation <i>(Session 1 & 2)</i>	FA-3 (To be completed during 3 rd week of December,2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023) Practical 50 Marks) (Theory 30 Marks)	80
					<u>Unit - 4:</u> Testing Installation of OFC <i>(Session 1)</i>				
<u>Unit -2:</u> Splicing Tools and Process <i>(Session 1 to 3)</i>	FA-2 (To be completed during 1 st week of October, 2022)	20			<u>Unit - 5:</u> Health & Safety Measures and Networking <i>(Session 1 & 2)</i>	FA-4 (To be completed during 2 nd week of February,2023)	20		

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2022-23

CLASS- IX

SUBJECT- TOURISM & HOSPITALITY

JOB ROLE – FOOD & BEVERAGES SERVICE TRAINEE

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 last week of July, 2022)	20	SA-1 Term 1 End Examination (To be conducted during last week of October, 2022) (Practical 50 Marks) (Theory 30 Marks)	80	<i>Unit-4:</i> Food and Beverage Service Operation <i>(Session 1 to 3)</i>	FA-3 (To be completed during 3 rd week of December,2022)	20	SA-2 Final Year End Examination (To be conducted last week of February, 2023) Practical 50 Marks) (Theory 30 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 October, 2022)	20			<i>Unit -5:</i> After-Dining activities <i>(Session 1 to 4)</i>	FA-4 (To be completed during 2 nd week of February,2023)	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>				

BOARD OF SECONDARY EDUCATION, ODISHA, CUTTACK

SYLLABUS FOR THE SESSION,2022-23

CLASS- X

SUBJECT- TOURISM & HOSPITALITY

JOB ROLE – FOOD & BEVERAGES SERVICE TRAINEE

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> Customer Centric Service <u>(Session 1 to 6)</u></p>	<p>FA-1 (To be completed during last week of July, 2022)</p>	20	<p>SA-1 Term 1 End Examination (To be conducted during last week of October, 2022) (Practical 50 Marks) (Theory 30 Marks)</p>	80	<p><i>Unit -4:</i> IPR of Organization and Customer <u>(Session 1 to 8)</u> Unit-5 Health and Hygiene <u>(Session 1 to 4)</u></p>	<p>FA-3 (To be completed during 3rd week of December,2022)</p>	20	<p>SA-2 Final Year End Examination (To be conducted last week of February, 2023) Practical 50 Marks) (Theory 30 Marks)</p>	80
<p>Unit -2: Etiquette And Hospitable Conduct <u>(Session 1 to 7)</u> <i>Unit -3:</i> Gender and Age Sensitive Services <u>(Session 1 to 3)</u></p>	<p>FA-2 (To be completed during 1st week of October, 2022)</p>	20	<p><i>Unit -6:</i> Safety at Workplace <u>(Session 1 to 4)</u> <i>Unit -7:</i> Learn a Foreign Language(S) including English <u>(Session 1 & 2</u></p>		<p>FA-4 (To be completed during 2nd week of February,2023)</p>	20			