

MUSIC PRODUCTION (832)
SESSION-2019-20
JOB ROLE: Production Assistant

This course is designed to enable students to learn about the technical aspects of music production such as how to use digital workstations. Music production students need to learn about the music business. The students will gain skills in recording studios and performance venues and get on track to a career in technical production.

CLASS: XII (2019-20)

Total Marks: 100 (Theory-60+Practical-40)

SCHEME OF UNITS

This course is a planned sequence of instructions consisting of units meant for developing employability and vocational competencies of students of Class XII opting for vocational subject along with general education subjects. The unit-wise distribution of hours and marks for class XII is as follow:

Music Production (832) CLASS XII Session 2019-20				
	Units	No. of Periods for Theory and Practical 260		Max. Marks for Theory and Practical 100
Part A	Employability Skills			
	Unit 1 : Communication Skills-IV	10		10
	Unit 2 : Self-Management Skills-IV	10		
	Unit 3 : Information and Communication Technology Skills-IV	10		
	Unit 4 : Entrepreneurial Skills-IV	15		
	Unit 5 : Green Skills-IV	05		
	Total	50		10
Part B		Theory Periods	Practical Periods	
	1. Repair and Maintenance	10	25	15
	2. Occupational health safety	10	15	05
	3. Electrical Theory	10	15	05
	4. Knowledge of DAW	15	45	10
	5. Live sound required skills	15	20	10
	6. Cultural diversity	10	20	05
	Total	70	140	50
Part C	Practical Work			
	Practical Examination			20
	Written Test			10
	Viva Voce			05
	Total			35
Part D	Project Work/Field Visit			

	Practical File/ Student Portfolio			05
	Total			05
	Grand Total	70+140+50=260		100

Note: - Detailed Curriculum/ Topics to be covered under employability skill can be downloaded for CBSE website.

PART-B

UNIT-1

Learning Objectives

- 1. Repair and maintenance**
 - a. Repair and maintain audio equipment
 - b. Soldering practice
 - c. Testing leads using multi meter
 - d. Computer Maintenance

- 2. Occupational health safety**

- 3. Electrical Theory** — current, potential, difference resistance, Impedance, Ohm Law, Power, Circuit types, Earth Principles

- 4. Knowledge of DAW —**
 - a. some basic operation of DAW like logic, cubase, Neundo

 - b. How to start making music
 - i) Rhythm making through VSTs,
 - ii) Recording of melodic instruments through VSTs

- 5. Live sound**
 - a. Live Sound required skills and knowledge test
 - b. System diagram of professional audio setup

- 6. Respect for cultural diversity**
 - a. What is culture,
 - b. What is community,
 - c. working in diverse community

UNIT-2

Resources

Maintenance overview, Electric Shock, Connectors, Cabling, Balanced and Unbalanced wiring, Microphone construction, Console maintenance, alignments of signals, tape Machine, Power amps fuses, electric theory, circuit types, effect of conductor mass on current draw.

UNIT-3

Assessment Tools.

Connector researchers, Microphone research, repair and maintenance