# CENTRAL BHARAT SEVAK SAMAJ

**NATIONAL DEVELOPMENT AGENCY, ESTABLISHED IN 1952 BY PLANNING COMMISSION, GOVT. OF INDIA**

**CENTRAL BOARD OF EXAMINATIONS**

**BSS NATIONAL VOCATIONAL EDUCATION MISSION**

## MSS007-BSS DIPLOMA IN SOUND ENGINEERING

## ONE YEAR EXAMINATION NOVEMBER-2025

### MSS007-01 COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS

**TIME: 3 Hours** **Marks: 100**

**INSTRUCTIONS**

* 43 questions are there in total
* Write answers to each question in proportion to the mark allotted
* During the first 15 minutes read the questions carefully

**I. FILL IN THE BLANKS - ANSWER FOR ANY 10 QUESTIONS** **1 x 10 = 10**

1) His uncle lives _____ Delhi.

2) I would like to have _____ fruits.

3) ALU stand for _____

4) The World first Programmer is _____

5) The tool bar contains _____ related to the _____

6) Monitor of a computer is a _____ device

7) Below the menu bar _____ bar appears

8) _____ is popular word processor

9) ALU stands for _____

10) Who is the father of computer _____

11) Ramu is _____ doctor and he looks after patients well

12) CPU stands for _____

13) He is running _____ the road.

14) That is _____ Parrot.

15) Mouse is an _____ device.

**II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS** **2 x 10 = 20**

1) Define what is noun?
2) Define interjection?
3) What is meant by intransitive verb?
4) Define types of sentences?
5) Define what are exclamatory words?
6) What is meant by singular number? Example:-
7) What is meant by Feminine Gender?
8) What is meant by neuter Gender?
9) Verb
10) Windows
11) Taskbar
12) Object
13) Active form
14) Define Internet?
15) Informal letter

**III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS** **5 x 5 = 25**

1) Define usage of interjection?
2) Define kinds of nous?
3) Memory
4) Windows explorer
5) Checking an injured (or) ill child (or) infant
6) Characteristic of the computer
7) Write about simple and compound sentences?
8) Kinds of Adjective any five

**IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS** **15 x 3 = 45**

1) Write about the conversation to two person?
2) Explain Internet, Intranet, search engine and Website?
3) Write a mailmerge to invite your friend in your family function what are the procedure of the merge?.
4) Define Control Panel?
5) Explain in detail about articles?

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## MSS007-BSS DIPLOMA IN SOUND ENGINEERING

## ONE YEAR EXAMINATION NOVEMBER-2025

### MSS007-02 SOUND SCIENCE

**TIME: 3 Hours** **Marks: 100**

**INSTRUCTIONS**

* 43 questions are there in total
* Write answers to each question in proportion to the mark allotted
* During the first 15 minutes read the questions carefully

**I. FILL IN THE BLANKS - ANSWER FOR ANY 10 QUESTIONS** **1 x 10 = 10**

1) The SI unit of pressure is _____

2) _____ converts 4 - 20 mA to pneumatic signals

3) _____ is used for the local level indication

4) SCADA stands for _____

5) The unit of conductivity is _____

6) The output of pneumatic transmitter is _____

7) The unit of temperature is _____

8) Magnetic flow meters are working on _____ principle

9) _____ is the basic principle of TC

10) Drain hole in an orifice plate is used for _____

11) _____ Is the output of the TC is

12) Variable area flow indicating devices are also called _____

13) _____ is an example of a primary element in flow measurement

14) _____ Is an example of non contact type temperature measuring device

15) The most widely used thermocouple in industry is _____

**II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS** **2 x 10 = 20**

1) What you mean by viscosity
2) Explain see beck effect
3) Write 3 types of valve actuators
4) What is the gain in a controller
5) What is meant by calibration
6) Write 2 advantages of TC over RTD
7) Define reproducibility
8) What is barometric pressure
9) What is the use of siphon
10) What is a pressure switch
11) What are the types of thermowell?
12) What is rotameter
13) What is the setpoint in a controller
14) Draw the symbol of control valve & solenoid valve
15) What is controlled variable in a controller?

**III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS** **5 x 5 = 25**

1) What is an I/P converter.
2) Explain bourdon tube with neat diagram
3) Explain a pneumatic transmitter with neat diagram
4) Explain an electronic transmitter with neat diagram.
5) Define flow rate and explain the two types
6) What is a ON/OF controller?
7) What is partially immersion thermometer
8) Explain the working principle of bimetallic thermometer.

**IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS** **15 x 3 = 45**

1) Briefly explain about DCS
2) Explain dead weight tester with neat diagram
3) What is PID controllers? Explain briefly.
4) Explain displacer type level transmitter with neat diagram
5) Explain different characteristics of control valves