

5/H-78 (xi) (Syllabus-2018)

2022

(November)

**MASS COMMUNICATION AND VIDEO
PRODUCTION**

(Honours)

(MCVP-501)

(**Audiography**)

(Under Revised Syllabus)

Marks : 38

Time : 2 hours

*The figures in the margin indicate full marks
for the questions*

1. Write short notes on the following : 2×5=10

- (a) Signal-to-noise ratio
- (b) VU meters
- (c) Channels and tracks
- (d) Audio gain
- (e) 5 : 1 surround sound

2. Establish the relationship between frequency, amplitude and wavelength. What do you understand by quantization of audio samples? Write briefly on bits and sampling rate. 3+2+2=7

Or

With the help of a neat sketch, explain how human voice is produced. 2+5=7

3. Define microphone. With the help of a neat sketch, explain the working of a moving coil or dynamic microphone. 2+2+3=7

Or

Explain why audio mixer is termed as the heart of any sound studio production. 7

4. Differentiate between diegetic and non-diegetic sound. Write briefly on any two functions of sound in relation to picture. 3+4=7

Or

With the help of a neat sketch, explain the different areas of a portable field recorder and highlight its functions. 2+5=7

5. What do you understand by sound designing? Define volume and pan envelopes. Comment on the role of sound effects and music in video production. 2+2+3=7

Or

Sketch a neat diagram to reveal the mic position for a video interview set up in a studio with audiences. Justify on your choice of microphone. 3+4=7
