

# **SYLLABI FOR DOMAIN SKILL TEST**

## **FOR THE POST OF SENIOR PRODUCTION ASSISTANT**

The syllabus for the Domain Skill Test is given below. The candidate is expected to identify the equipment / tools used in studio and some perform basic activities based on the following content (like how to download / record a video / sound content from the internet and do minor addition / deletion, able to transmit the media files through Google/Zoom/WebEx, create a story of advertisement, prepare a powerpoint slides with animation, create a short video, record a voice, etc. covering the syllabus as given below).

- **Script Writing:**

Importance of idea generation/concept and research, Script Writing for Films (documentary, educational film and different video program formats), Writing words for pictures, Storyboard and its use.

- **Camera Techniques:**

Single Camera and Multi Camera set up, types of camera and its usage, different camera techniques used in production, Basic Shots & Composition, Framing, Parts and functions of a Video Camera, Camera lens, Use of Filters in Camera, camera angles and movements, Specifications and selection of camera.

- **Lighting Techniques:**

Basic Lighting Techniques, Special Lighting Techniques, Different Lighting Equipments

- **Recording Techniques:**

Audio and video recording techniques, Outdoor Studio Recording (Specifications and selection of recording equipment, Types of Microphones on the basis of their construction and on the basis of the pick-up pattern, Uses of microphone, Use of Audio Mixer, types of Recording media (media used for professional, broadcast recordings). Audio and Video file formats and compression, dubbing.

- **Graphics and Animation Techniques:**

Graphic fundamentals and applications, Graphics Editing software such as Adobe Photoshop, After Effects, GIMP, Google Sketch up etc. Animation need and applications, Animation software (2D vs 3D Animation) such as Flash, Blender etc.

- **Audio and Video Editing:**

On line and offline editing, Specifications and selection of audio and video editing equipment, Linear and Non Linear Video Editing, Hardware & Types of Software for Audio and Non Linear Video Editing (Open source and Commercial), Video Editing Techniques (Cut on action, Cut away shots, Fades, Wipes, Cross dissolve, Video Compositing, Transitions, Video/Audio Effects, Continuity), Use of Chroma Key (How it is done, Types of backgrounds used).

- **Web Conferencing and Video Streaming**

Concept of video conferencing and Digital content sharing in Social Media, Need of real time video streaming, compression techniques, codecs, media for video streaming, video generation for Social Media.

- **NPTEL, SWAYAM MOOCs content generation, editing and sharing.**

- **AR/VR software** : Concept and fundamentals of AR/VR/MR.

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