

Total Pages : 5

Roll. No. :

Examination Session June-2022

(First Semester)

CCRT-101

(Certificate in Community Radio Technology)

**[Community Radio System and
Transmission Technology]**

Time : 2 Hours]

[Max. Marks : 100

Note : This paper is of hundred (100) marks divided into two (02) sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION—A

(Long Answer Type Questions) 2×26 = 52

Note : Section 'A' contains Five (05) long answer type questions of Twenty Six (26) marks each. Learners are required to answer any Two (02) questions only.

2×26 = 52

1. (a) Explain the emergence of community radio in India. 14
- (b) Describe the role and concept of Community Radio Station (CRS). 12
2. (a) Explain any two Community Radio (CR) initiatives. 14
- (b) Describe the current status of Community Radio in India. 12

3. (a) Differentiate between AC/DC currents. 6
- (b) Why is colour coding of wiring important ? 6
4. (a) Explain load distribution and balance. 6
- (b) Describe the backup supplies used in Community Radio Station (CRS). 6
5. Explain the various technical components of a Community Radio Station (CRS). 12
6. What are the developmental implications of community radio ? 12
7. What are the different cost factors involved in selecting appropriate technology for Community Radio Station (CRS) ? 12
8. What are the indigenous and imported equipment used in Community Radio Station (CRS) ? 12

3. (a) Define Community Participation. What are the different steps of community participation ? 14
- (b) How does community radio help in bringing social change ? 12
4. (a) What are the different Radio policies that affect content and technology of community radios ? 14
- (b) Briefly define any two from the following : 12
- (i) Electromagnetic Spectrum
- (ii) Radio Waves
- (iii) Frequency bands for Radio broadcasting
5. (a) What are the different steps in setting up a community Radio Station (CRS) ? Explain. 14
- (b) Briefly explain the history of Radio Broadcasting in India. 12

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SECTION—B

(Short Answer Type Questions) 4×12 = 48

Note : Section ‘B’ contains eight (08) short answer type questions of Twelve (12) marks each. Learners are required to answer any four (04) questions only.

4×12 = 48

1. (a) How community radio policy has evolved ?
Explain. 6
- (b) Why sound proofing is an important factor in setting up a Community Radio Station (CRS) ? 6
2. (a) What are the different responsibilities of Wireless Planning and Coordination Wing (WPC) ? 6
- (b) Define FM and AM. Name 5 different Radio stations with their frequency of broadcast. 6

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