

National Testing Agency

Question Paper Name: Radio Production
Subject Name: Radio Production
Creation Date: 2018-12-02 17:35:48
Duration: 180
Total Marks: 100
Display Marks: Yes
Share Answer Key With Delivery Engine: Yes
Actual Answer Key: Yes

Radio Production

Group Number : 1
Group Id : 41652953
Group Maximum Duration : 0
Group Minimum Duration : 120
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time: 0
Group Marks: 100

Radio Production

Section Id : 41652953
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 50
Number of Questions to be attempted: 50
Section Marks: 100
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 41652954
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 4165294351 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The Indian Broadcasting Company was renamed as _____ by the Indian Government.

- a) Indian State Broadcasting Service
- b) Indian State Broadcasting Corporation
- c) Indian State Broadcasting Agency
- d) None of the above

Question Number : 2 Question Id : 4165294352 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The Radio waves that bounce off the ionosphere of the Earth's atmosphere are

- a) Medium Waves
- b) Very High Frequency Waves
- c) Short waves used in AM broadcast
- d) All radio waves

Question Number : 3 Question Id : 4165294353 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The Prasar Bharati Act facilitated -

- a) Autonomy to AIR and Doordarshan
- b) Doordarshan to control the activities of AIR
- c) The government control over AIR and Doordarshan
- d) FM stations being owned by private companies

Question Number : 4 Question Id : 4165294354 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

A dynamic microphone works on the principle of -

- a) Storing electric charge in a capacitor
- b) Electromagnetic Induction
- c) Changing resistance with changing pressure
- d) None of the above

Question Number : 5 Question Id : 4165294355 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Dialogue writers of Sholay were

- a) Javed Akhtar
- b) Kader Khan
- c) Ramesh Sippy
- d) Javed - Salim

Question Number : 6 Question Id : 4165294356 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The motto of All India Radio is -

- a) Bahujan Hitaya Bahujan Sukhaya
- b) Mera Bharat Mahan
- c) Atithi Devo Bhava
- d) Janani Janmabhurnischa

Question Number : 7 Question Id : 4165294357 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

A uni - directional microphone is also called a -

- a) Shot - gun mic
- b) Parabolic mic
- c) Cardoid mic
- d) Handheld mic

Question Number : 8 Question Id : 4165294358 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Jagadish Bose first demonstrated his experiment with radio waves at -

- a) The Royal Institute of London
- b) The Town Hall of Kolkata
- c) The Liverpool meeting of the British Association
- d) The Presidency College

Question Number : 9 Question Id : 4165294359 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

When did the Indian government announce that the radio broadcasts will be done on a (2) permanent basis?

- a) 5th May, 1932
- b) 5th May 1930
- c) 5th May 1936
- d) 5th May 1938

Question Number : 10 Question Id : 4165294360 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

During independence, how many radio stations did the country have?

- a) Five
- b) Six
- c) Seven
- d) Four

Question Number : 11 Question Id : 4165294361 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Bidders who get their FM broadcasting license in the third phase of licensing

- a) Will be able to retain their license forever
- b) Will be able to retain their license for 10 years
- c) Will be able to retain their license for 15 years
- d) Will have to renew their license every year

Question Number : 12 Question Id : 4165294362 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Who was the script writer of the celebrated radio programme Mahishasurmardini?

- a) Birendra Krishna Bhadra
- b) Jaganmoy Bhattacharya
- c) Bani Kumar
- d) Dwijen Mukhopadhyay

Question Number : 13 Question Id : 4165294363 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

When did Vividh Bharati start broadcasting?

- a) 1st October, 1957
- b) 3rd October, 1957
- c) 10th October, 1957
- d) 5th October, 1957

Question Number : 14 Question Id : 4165294364 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Community radio broadcasts are -

- a) Frequency modulated (FM) broadcasts
- b) Short wave broadcasts
- c) Amplitude Modulated (AM) broadcasts
- d) Broadcasts on low power transmitters

Question Number : 15 Question Id : 4165294365 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The amateur radio satellite launched by ISRO in 2005 is called

- a) PSLV6
- b) HAMSAT
- c) EDUSAT
- d) INSAT 6

Question Number : 16 Question Id : 4165294366 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

An External Services Division of AIR broadcasts in _____ to countries outside India by (2) both high powered short wave and medium wave.

- a) 17 languages
- b) 7 languages
- c) 27 languages
- d) 37 languages

Question Number : 17 Question Id : 4165294367 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The overall impact of a sound can be increased by using -

- a) Reverberation
- b) Compressor
- c) Harmonizer
- d) Chorus

Question Number : 18 Question Id : 4165294368 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

In which year were licenses, for the first time, issued to private radio stations?

- a) 1995
- b) 2003
- c) 2000
- d) 2010

Question Number : 19 Question Id : 4165294369 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

An audio codec performs the function of -

- a) Encoding raw audio data
- b) Encoding and decoding data
- c) Encoding uncompressed files
- d) Encoding compressed files

Question Number : 20 Question Id : 4165294370 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Sampling rate determines the -

- a) Speed with which information is processed
- b) Accuracy of reproduction of the signal
- c) Quantization rate of the signal
- d) None of the above

Question Number : 21 Question Id : 4165294371 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Radio transmissions nowadays are mostly

- a) Analog
- b) Frequency Modulated
- c) Digital
- d) Wireless

Question Number : 22 Question Id : 4165294372 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The Supreme Court passed the verdict "airwaves are public property" in the year

- a) 1995
- b) 2000
- c) 1987
- d) 1950

Question Number : 23 Question Id : 4165294373 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Bass tip up means -

- a) Cutting of the base of the signal
- b) Boosting up the low frequencies in the signal
- c) Attenuating the low frequencies in the signal
- d) All of the above

Question Number : 24 Question Id : 4165294374 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The laser beam scans the CD

- a) Spirally inside to outside
- b) Radially
- c) Spirally outside to inside
- d) All of the above

Question Number : 25 Question Id : 4165294375 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Advertising rates are fixed by -

- a) Listenership and city
- b) Brand name
- c) Popularity of the RJ
- d) The Government

Question Number : 26 Question Id : 4165294376 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Who is responsible for a radio programme?

- a) Producer
- b) Radio jockey
- c) Station Director
- d) All of the above

Question Number : 27 Question Id : 4165294377 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Sampling frequency for all professional digital recording should be -

- a) 20 KHz
- b) 44.1 KHz
- c) 100 KHz
- d) 25 KHz

Question Number : 28 Question Id : 4165294378 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Dither is a form of -

- a) Random noise
- b) Distortion
- c) Special effect
- d) None of the above

Question Number : 29 Question Id : 4165294379 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Magnetic recording quality is better if -

- a) Width of the tape is greater
- b) Tape is thin and narrow
- c) Tape is tightly wound
- d) Tape is easily movable

Question Number : 30 Question Id : 4165294380 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Choose the shape of the surface that has the best acoustic properties

- a) Concave
- b) Convex
- c) Flat
- d) Angular

Question Number : 31 Question Id : 4165294381 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Reverberation time is

- a) Time taken by the sound to die down in a room
- b) The time for which the sound reverberates in a room
- c) The time taken by the sound to decay to one millionth of its peak volume
- d) None of the above

Question Number : 32 Question Id : 4165294382 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The design of Edison's phonograph was adapted from -

- a) The player piano
- b) The Phonoautograph
- c) The Gramophone
- d) The telegraph

Question Number : 33 Question Id : 4165294383 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The speed of the revolution of the gramophone disc was standardised to -

- a) 100 revolutions per minute
- b) 78 revolutions per minute
- c) 45 revolutions per minute
- d) 32 revolutions per minute

Question Number : 34 Question Id : 4165294384 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Magnetic sound tracks on 70mm film strips were eventually discontinued because

- a) It was an expensive process
- b) The movie projectors did not have magnetic pick up
- c) The magnetic coating came off after repeated running of the film
- d) It was replaced by digital technology

Question Number : 35 Question Id : 4165294385 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The Oprah Winfrey Show started broadcasting in the

- a) 70s
- b) 80s
- c) 90s
- d) 2000s

Question Number : 36 Question Id : 4165294386 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Amplitude of a wave depends on

- a) Frequency and wavelength
- b) Temperature and density of the medium
- c) Velocity of the wave
- d) All of the above

Question Number : 37 Question Id : 4165294387 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Inside the middle ear, there is

- a) Vacuum
- b) Air at atmospheric pressure
- c) Liquid at atmospheric pressure
- d) Air compressed above atmospheric pressure

Question Number : 38 Question Id : 4165294388 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

When entering from air to water, the sound waves get

- a) More stretched out
- b) More compressed
- c) Faster and more stretched out
- d) Slower

Question Number : 39 Question Id : 4165294389 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

How many radio stations does AIR have?

- a) 410
- b) 405
- c) 420
- d) 415

Question Number : 40 Question Id : 4165294390 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

40. All India Radio was founded in

- a) 1930
- b) 1920
- c) 1940
- d) 1950

Question Number : 41 Question Id : 4165294391 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

When was the first news bulletin broadcast from AIR?

- a) 19th January, 1936
- b) 15th August, 1947
- c) 30th September, 1942
- d) 26th January, 1950

Question Number : 42 Question Id : 4165294392 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

FM transmission started in India in the

- a) 70s
- b) 80s
- c) 90s
- d) New millenium

Question Number : 43 Question Id : 4165294393 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The Basilar membrane picks up vibrations coming from

- a) The oval window
- b) The round window
- c) The oval window and the bones in the skull
- d) The tympanum

Question Number : 44 Question Id : 4165294394 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Radio Jockeys are also known as

- a) Anchors
- b) Announcers
- c) Presenters
- d) All mentioned

Question Number : 45 Question Id : 4165294395 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The technology of FM transmission was invented by

- a) David Sarnoff
- b) Edwin Armstrong
- c) Lionel Fielden
- d) Thomas Alva Edison

Question Number : 46 Question Id : 4165294396 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

Reverberation is high in a room with -

- a) Stone walls
- b) Furniture
- c) Carpets and curtains
- d) Cement walls

Question Number : 47 Question Id : 4165294397 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

A bit means

- a) One unit of information
- b) A binary digit
- c) A decimal digit
- d) All of the above

Question Number : 48 Question Id : 4165294398 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The equalisers in a mixer are -

- a) Graphic
- b) Parametric
- c) Mixture of both
- d) None of the above

Question Number : 49 Question Id : 4165294399 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

The absorption coefficient of an open window is -

- a) 100%
- b) 0%
- c) 50%
- d) 75%

Question Number : 50 Question Id : 4165294400 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 2 Wrong Marks : 0

While listening casually we can at the most listen to -

- a) One or two sounds
- b) Four to five sounds
- c) Seven to eight sounds
- d) Nine to ten sounds