

1. Type of modulation used in visual section of a transmitter.
 1. Positive A.M.
 2. Negative A.M.
 3. F.M.
 4. None of the above.
2. The Difference between video I.F. & audio I. F in TV transmitter is
 1. 4.43 MHz
 2. 3.50 MHz
 3. 5.50 MHz
 4. None of the above.
3. Duration of vertical blanking is
 1. 4.7 μ second
 2. 0.2 milli second
 3. 1.6 milli second
 4. None of the above.
4. Duration of horizontal sync pulse is
 1. 64 μ second
 2. 1.6 milli second
 3. 4.7 μ second
 4. None of the above.
5. I.F. at output of TV Receiver tuner for video is
 1. 38.9 MHz
 2. 33.4 MHz
 3. 40.5 MHz
 4. None of the above.
6. slotted antenna is used for
 1. VHF
 2. UHF
 3. Both VHF & UHF
 4. None of the above.
7. The PDA used for TVRO is used for
 1. Receiving signals
 2. Transmitting signals
 3. Both as (a) & (b) simultaneously
 4. None of the above.
8. Three Primary Colours in TV Transmission are
 1. Red, Green, Blue.
 2. Red, Yellow, Blue
 3. Red, Cyan, Magenta
 4. None of the above.
9. Colour Temperature of average day light is
 1. 3200 K
 2. 5600 K
 3. 6500 K
 4. None of the above.
10. Eye is more sensitive to
 1. Red
 2. Green

3. Blue
4. Violet

Q2.Fill in the blanks:

1. To receive satellite signal feed is kept at _____ of PDA.
2. Parking slot of Satellite PAS-4 is _____.
3. The valve used in ATRPA stage of Mark-II TV Transmitter is _____.
4. Cooling system used in High Power TV Transmitter (Mark-III) is _____.
5. Number of picture frames per second in CCIR PAL-B system is _____.
6. The frequency of colour sub-carrier in CCIR PAL-B system is _____.
7. TRACT stands for _____.
8. The binary equivalent of decimal number 13 is _____.
9. One ton of refrigeration equals _____ kcal/hr.
10. Two stroke engine is _____ efficient as compared to four stroke engine.
11. FET is a _____ device.
12. The maximum value of power factor in a. c. circuit is _____.
13. Peak to peak value of an a.c. voltage can be measured with the help of _____.
14. High VSWR at TV transmitter will cause _____ in picture.
15. Series LC circuit tuned at second harmonic will have _____ reactance at fundamental.

Answers

Telecommunication

Q1 1 (b) 2 (c) 3 (c) 4 (c) 5 (a)

6 (b) 7 (a) 8 (a) 9 (c) 10 (b).

Q21. Focal point 2. 68.5° E 3. 5 F 64 R

4. Forced air 5. 25 6. 4.43 MHz

1. Transportable Remote Area communication terminal

8. 1101 9. 3000 kcal/hr 10. Less efficient

11. Unipolar 12. Unity

13. Cathode ray oscilloscope

14. Ghost 15. Capacitive.