

TECHNICAL:

- 1) The radiation pattern of yagiuda antenna? a)omnidirectional b)broadside c)end side
- 2)Function of synchro? a)transducer b) modulator c)demodulator d)encoder & decoder
- 3)Voltage feedback gives?
- 4)bcd value of 001100100001?
- 5)questions on micro controller pins?
- 6)simple questions on logic gates?
- 7)simple problems on rlc networks?
- 8)function of RAM?
- 9)hall effect is used to measure?
- 10)in RC phaseshift oscillator a condition to get oscillations is  $h_{fe} \geq 4K + 23 + 29/K \dots$
- 11)directivity of half wave dipole is....1.64..
- 12)READY signal is used in MP becoz of slow devices connected.....
- 13)TRAP is non maskable interrupt.....
- 14)value of threshold voltage?
- 15)function of magnetron?
- 16) combinational ckt means a)with memory b)with out memory c)constucted with logic gates d) both b & c
- 17) 2 q's on nmos transistor.
- 18) 1 q on wheatstone bridge, 1 q on kcl, kvl
- 19)what is rom ? a) temporary storage b)permanent storage c).....d)...
- 20) 1 q on rat race junction.
- 21) 1 q on txn line short ckted condition.
- 22)1 q on  $\sqrt{81 \max}$ .
- 23) take a 4 digit binary noi.e A.and then what is  $A + \bar{A}$ = a)1101 b)1011 c)1111 d)0000
- 24) 1 q on op amp prob , 1 q on slew rate
- 25) 1 q on which filter is used for extracting sine signalof 1mhz
- 26) if there are 8 rc filter sections what is the individual phase shift? a)180 b)45 c)22.5

GK

- 1) RIGHT TO EXPRESS COMES UNDER WHICH ARTICLE?
- 2) QUESTION ON COUNTRY CURRENCY?
- 3) QUESTION ON MULTI PURPOSE DAMS?
- 4) what are boxing rules called?
- 5) 2 q's on spellings.
- 6) 2 q's on correction of sentences.