

# GOVT ITI ANKOLA

## ITI Quiz - 09-Feb-2026 09:18 PM

Q. ID: ITISKILL89914P | February 2026

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Attempt No.	#1	Completion Time	11:44 AM
Rank	#12	Total Questions	19

3 SCORE

19 MAX MARKS

3 CORRECT

16 INCORRECT

### Answer Review

**Q1** **INCORRECT** What is the decimal conversion number for the octal number  $(2374)_8$ ?

A.  $(1266)_{10}$

B.  $(1276)_{10}$

C.  $(1286)_{10}$

D.  $(1296)_{10}$

**Q2** **INCORRECT** What is the digital signal value for the analog signal value 6V?

A. 100

B. 101

C. 110

D. 111

Q3 **INCORRECT** What is the decimal number for the binary number 0101?

A. 4

B. 5

C. 6

D. 7

Q4 **INCORRECT** How many characters are in hexadecimal number system?

A. 6

B. 8

C. 12

D. 16

Q5 **CORRECT** How the decimal number can be converted into binary number?

A. Divide decimal by 4

B. Multiplying decimal by 4

C. Dividing decimal by 2

D. Multiplying decimal 2

Q6 **CORRECT** What is the power supply required to operate the most standard TTL ICs properly?

A. +1.5V to +2.5V

B. -1.5V to -2.5V

C. +4.75V to +5.25V

D. +7.5v to +12V

**Q7** **INCORRECT** What is the power dissipation of the standard TTL chip?

A. 5 mW/gate

B. 10 mW/gate

C. 15 mW/gate

D. 20 mW/gate

**Q8** **INCORRECT** What is the purpose of using binary coded decimal (BCD) system in digital circuits?

A. Storing the data inputs

B. Control the binary system

C. Interface to binary system

D. Segregating the input parameters

**Q9** **INCORRECT** Which gate is called universal gate?

A. AND

B. NOT

C. NOR

D. OR

**Q10** **INCORRECT** How many inputs are available in the 7447 BCDto- seven segment decoder used to drive the LED display?

A. One

B. Four

C. Seven

D. Eight

Q11 **INCORRECT** Which IC is used for (DEMUX) function in data transmission?

A. IC 7483

B. IC 7486

C. 74 LS 138

D. 74 LS 151

Q12 **INCORRECT** Which circuits requires the flip - flops for their operation?

A. Amplifier circuits

B. Oscillator circuits

C. Modulator circuits

D. Memory circuits

Q13 **INCORRECT** What is the use of flip - flop?

A. It stores energy

B. It stores voltage

C. It stores current

D. It stores binary information

Q14 **INCORRECT** What is the maximum possible number of flipflops in a decade counter?

A.  $1^n$

B.  $2^n$

C.  $2^{n+1}$

D.  $3^n$

Q15 **INCORRECT** What is the purpose of using IC74LS190?

A. Attenuator

B. Comparator

C. Up/down counter

D. Modulator

Q16 **INCORRECT** Which IC is used for the function of 4 bit shift register?

A. IC 7404

B. IC 7447

C. IC 7493

D. IC 7495

Q17 **INCORRECT** What is the information stored in digital registers?

A. Analog values

B. Digital values

C. Decimal values

D. Alphanumeric values

Q18 **INCORRECT** What is the full form of BCD in number system?

A. Binary Coded Decimal

B. Bit Coded Decimal

C. Byte Coded Decimal

D. Beep Code Decimal

Q19 **CORRECT** What is the full form of PIPO in registers?

A. Parallel Out Parallel In

B. Physical In Physical Out

C. Parallel In Parallel Out

D. Physical out Physical In