

VERBAL

1. ABUT
2. BANAL
3. ATYPICAL

What is the real meaning of following words.

4. ABUT
5. ATTENUATE
6. AWRY
7. Scurry:move::
8. A tank 4m long,2.5m wide and 1.5m deep is dug in a field 31m long and 10m wide. If the earth dug out is every spread out over the field the rise in level of the field is :
a)3.1cm b) 4.8cm c) 5cm d) 6.2cm
9. The product of a two digit number by a number consisting of the same digits written in the reverse order is equal to 2430. Find the lower number
a) 54 b)45 c)63 d)65
10. In 1985,the avg enrolment per institute for higher secondary was
a) 210 b)404 c)202 d)105
11. In 2005, the enrolment in colleges and universities as a fraction of the enrolments in middle institute is
a)2/9 b)1/6 c)3/13 d)1/7
12. The percentage growth in the number of colleges and universities from 1995 to 2005 was
a)<25 b)>32 c)>15 d)none of these
13. From 1995 to 2005,the avg enrolment per institute of primary schools
a)increase b)decrease c)remained constant d)can't say
14. To the cynic, there are no wholly altruistic,unselfish acts,every human deed is _____ ulterior selfsh motive
a)independent of b)emulated of c)disafulsed as d)founded upon
15. SCURRY:MOVE
a)chant:sing b)chatter:talk c)carry:lift d)sleep:drowse
16. HERO:ACCOLADE
a)mentor:advice b)suiror:proposal c) d)
17. ABUT—similar meaning
a)stimulate b)grasp c)meteoric d)adjoin
18. ASTUTE
19. BANAL
20. scurry:move ::
21. BURST:SOUND ::
22. ABUT
23. ACCEDE
24. BANAL
25. READING COMPREHENSIVE:
26. The idea of flying an aircraft was _____ to some people
27. The old tablets were _____ and replaced by the first reliable figures for air pressure on curved surfaces
28. The Wright's interest in flight grew into a _____.
29. Lilenthal's idea about controlling airborne vehicles was _____ the Wrights
30. People thought that the Wright's brother's had _____.
31. ABUT
32. AVARICE

33. ACCEDE

34. The idea of flying an aircraft was

35. The old tables were-and replaced by the first reliable figures for air pressure on curved surfaces

36. 28.the wright's interest in flight grew into a

37. TO the cynic,there are no wholly alternatic,unselth every human deed is(.....) ulter.

38. The 2's compliment of a binary number is obtained by adding.....?

39. pspice is a tool used for.....?

40. to operate correctly ,starting a ring counter requires....?

41. DIAC is a.....?

a.tuned oscillator, b.colpitts oscillator, c.hartley oscilator, d. all of the above

42. the polar radiation pattern of a loop aerial is

a. circle b. Eclipse c. Caediod d. Fig 8

43. A shift register can be used for....

a.parallel to serial b.serial to parallel

44. how many buses are connected as part of the 8051 microprocessor.....?

45. de morgans second therm says the NAND gates is equal to bubbledgate

46. incorrect statement about D flip flop.....?

47. An SCR device having.....?

48. disadvantages of S-R flip flop.....?

a. no enable input

49. what is SCR.....?

50. a SHIFT register can be used for.....?

51. what is the waveform period diffrence between the 60HZ electronically used in this country and the 50HZ used in europe.....?

52. DIAC is a.....?

53. what is meant by parallel loading the register.....?

54. Battery symbol.....?

55. To operate correctly starting a ring counter requires.....?

56. An scr device having

57. The memory address register contains.....

58. The value of c(capasitor) can be made by

59. A voltage will influincied current only if circuit by.....

60. HOW many bytes are there 1011100101101110

61. Battery symbole is.....

62. In a FET gates are always

63. ASCII stands for.....

64. Which formula shows a direct proportionality between power and voltage?

a)V=IR b)P=VI c)P=IR d)I=V/R

65. A transformer has

66. Increasing the number of turns of wire on the secondary of transformer will

a)Increment the secondary current b)decrement the secondary current c)have no d)

67. When a signal of 10mv at 75mhz is to be measured then which of the following instrument can be used

a)VTVM b)cathode ray oscilloscope c)moving iron voltmeter d)digital multimeter

68. Exclusive-or logic gates can be constructed from what other logic gates

69. A voltage will influence current only if the circuit is

a)open b)Insulated c)high resistance d)closed

70. An AM demodulator can be implement with a linear multipler followed by a-----filter

a)low pass b)high pass c)band pass d)band stop

71. How many bytes are there in 1011 1001 0110 1110 numbers
a)1 b)2 c)4 d)8
72. ROHS Stands for
73. ASCII stands for
74. The DIAC is a
75. Virtual memory
76. slew-rate is defined as
77. With 1mA of current, what voltage rating should a 470 ohms resistors have?
78. Which of the following is not an appropriate design method for tackling EMC related problem?
79. Which of the following statements is true for the voltage in a series RC circuit?
80. The transformer turns ratio determines:
81. If a waveform period is determined to be 10micro seconds in duration, what is the frequency of.....the signal?
82. A computer program that converts assembly language to machine language is
83. When parallel resistors are 3 different values which has the greatest power loss?
84. What does VCO stand for?
85. The 2-input XOR gate has a high output only when the input bits are _____
86. The voltage across any branch of a parallel circuit
87. A TRIAC :
88. The DIAC is a
89. A circuit that can change the frequency of oscillation with an application of a DC voltage is sometimes called _____
90. To operate correctly, starting a ring counter requires:
91. Object code
- A) ready to use B) is the output of compiler C) must be "loaded" before execution
92. The memory address register:
93. AC effective voltage is named :
- A) average B) Peak C) Peak to Peak D) Root mean square
94. An instruction in a programming language that is replaced by a sequence of instructions prior to assembly or compiling is known as
95. The output 0 and 1 levels for TTL logic family is approximate
96. What is meant by Parallel-loaded the register?
97. A transistor has a current gain of 125 and a base current of 30 micro amps. what is the collector current?
98. An SCR acts to control the speed of an electric motor by _____ the _____ of the pulse delivered to the motor
99. If a 2mV signal produces a 2v output. what is the voltage gain?
100. Find the Thevenin equivalent (V_{th} and R_{th}) between terminals A and B of the circuit given:
101. The output will be a low for any case when one or more input are zero in a(n):
102. when a signal of 10mV at 75MHZ is to be measured then which of the following instrument can be used?
103. What is significance of the J and K terminals on J-K flip flop?
104. If the voltage across a fixed value of resistance increased five times. what does current do?
105. The effective value of sine wave is equal to:
106. MTBF is applicable for
107. to operate properly a transistor's a base-emitter junction must be forward biased with reverse bias applied to which junction
108. an astable multivibrator is also known as a

109. which of the following best describes nonvolatile memory
110. how many memory locations can 14 address bits access
111. if the voltage across a fixed value of resistance is increases five times, what does the current do
112. consider as RS flip-flop's with inputs set to 0. if a momentary '1' is applies at the inputs, then
113. the most useful transducer for displacement sensing with excellent sensitivity, linearity and resolution
114. voltmeter is used to
115. the output 0 and 1 levels for TTL logic family is approximetly
116. slew rate is defined as
117. the 2-input XOR gate has a high output only when the input bits are
118. the transformer has
119. which resistive component is defined to be teperature sensitive
120. the pollar radiation pattern of a loop aerial is
121. an atom's atomic number is determined by the number of
122. an ideal power supply is charcterised by
123. with ohm's law ,if voltage increases and resistance stays the same
124. an AM demodulator can be implemented with a linear multimeter followed by a _____ filter
125. use the two's complement system to add the signed numbers 11110010 and 11110011. determine in decimal the sign and value of each number and their sum
126. adding the two's complement of -11+(-2) will yeild . Which two's complement answer
127. temperature sensing can be acheived by the use of the 2 input XOR gates has high outputonly when the input bits are.....?