

PPAMIT SII

- Q17) If the input of T-flipflop is 100 Hz signal, the final output of the three T-flipflop in cascade is :-
a) 100 Hz b) 333 Hz c) 12.5 Hz d) 400 Hz
- Q18) The Boolean function $(A+B)\overline{(AB)}$ is equivalent to :-
a) $(A\oplus B)\oplus A$ b) $(A\oplus B)$
c) $(A\oplus B)\oplus B$ d) all the above
- Q19) SIMM is :-
a) Serial In Memory Module
b) Serial Input Memory Module
c) Synchronous In Memory Module
d) Synchronous Input Memory Module
- Q20) The level at which the software uses scarce resources is :-
a) efficiency b) portability
c) reliability d) none of the above
- Q21) The tools that support different stages of software development life cycle are called :-
a) CAME tools b) CASE tools
c) CAQE tools d) CARE tools
- Q22) The number of interchanges required to sort 5, 1, 6, 2, 4 in ascending order using Bubble Sort is :-
a) 6 b) 5 c) 8 d) 4
- Q23) The complexity of multiplying two matrices of order $m \times n$ and $n \times p$ is :-
a) mnp b) mp c) mn d) np
- Q24) A full binary tree with $2n + 1$ nodes contain :-
a) n leaf nodes b) $n-1$ leaf nodes
c) n non-leaf nodes d) none of the above
- Q25) E-commerce is not suitable for :-
a) sale/purchase of expensive jewellery and antique
b) sale/purchase of mobile
c) sale/purchase of branded clothes
d) online job searching

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- Q26) LDAP stands for :-
- Light Weight Data Access Protocol
 - Light Weight Directory Access Protocol
 - Large Data Access Protocol
 - Large Directory Access Protocol
- Q27) Error correction and size of frame is decided by :-
- Transport Layer
 - Network Layer
 - Data Link Layer
 - Application Layer
- Q28) Which gate is not logically complete gate :-
- AND
 - NAND
 - OR
 - NOT
- Q29) Which is not primary memory ?
- Main memory
 - L1 cache
 - L2 cache
 - Magnetic tape
- Q30) Which computer language is not a high level language ?
- Assembly language
 - C-language
 - C++
 - Java
- Q31) If X, Y and Z are three Boolean variables then :-
- $X.X' = 1$
 - $X(Y+Z) = (X+Y)(X+Z)$
 - $X+XZ = X$
 - $X+X'Y = Y$
- Q32) Which of the following codes uses 7 bits to represent a character ?
- ASCII
 - BCD
 - EBCDIC
 - GRAY
- Q33) Any given truth table :-
- can be represented by a K map
 - can be represented by a sum of product of Boolean expressions
 - can be represented by a product of sum of Boolean expression
 - all of the above

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- Q34) The Boolean expression $AB + AB' + A'C + AC$ is independent of the Boolean variable :-
a) A b) B c) C d) None of the above
- Q35) Which of the following comments about half adder are true?
a) it adds 2 bits
b) it is called so, because a full adder involves 2 half adders
c) it needs 2 inputs and generates 2 outputs
d) all of the above
- Q36) Start and stop bits are used in serial communication for :-
a) error detection b) error correction
c) synchronization d) slowing down the communication
- Q37) Digitization is a combination of sampling and :-
a) pulse coding b) shift keying
c) quantization d) none of these
- Q38) Error detection at the data link layer is achieved by :-
a) bit stuffing b) cyclic redundancy code
c) hamming code d) equalization
- Q39) Which network topology has the highest reliability?
a) bus topology b) star topology
c) ring topology d) mesh topology
- Q40) A transaction ends :-
a) only when it is committed
b) only when it is rolled back
c) only when it is committed or rolled back
d) none of the above
- Q41) The method of communication in which transmission takes place in both directions but only in one direction at a time, is called :-
a) simplex b) half duplex
c) full duplex d) unidirectional

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- Q42) Signal becomes weak with increase in distance travelled because of :-
a) modulation
b) attenuation
c) switching
d) none of the above
- Q43) Which of the following is an application layer service?
a) Remote login
b) File transfer and access
c) Mail service
d) all of the above
- Q44) What does DLL stands for?
a) Dynamic Link Library
b) Dynamic Language Library
c) Dynamic Load Library
d) None of the above
- Q45) Data manipulation language statement is :-
a) insert
b) update
c) select
d) all of the above
- Q46) Entity integrity constraint in RDBMS says that :-
a) attributes can have null values
b) primary key cannot be null
c) values of an attribute will be from its domain only
d) none of these
- Q47) Which transparency is not supported in distributed databases?
a) naming
b) location
c) both of these
d) none of the above
- Q48) Which one is the universal Gate?
a) AND
b) NAND
c) XOR
d) NOT
- Q49) What is the value of the variable 'i' in the following C code?
int i=5;
printf("%d", i=i++);
a) error
b) 5
c) 6
d) none of the above
- Q50) Which of the following is not a feature of object oriented programming language C++?
a) encapsulation
b) generic data type
c) polymorphism
d) none of the above

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Q58) Pick the correct choice for the 80386SX CPU :-

- a) 16 bit word size and 16 bit data path
- b) 32 bit word size and 16 bit data path
- c) 32 bit word size and 32 bit data path
- d) none of the above

Q59) Which standard is used for image compression :-

- a) JPEG
- b) JBIG
- c) both of these
- d) none of these

Q60) Which command in UNIX is used to see the content of a file at user screen ?

- a) cat
- b) ls
- c) type
- d) more

GENERAL KNOWLEDGE

Q61) The Sanchi Stup is located near :-

- a) Gaya
- b) Varanasi
- c) Bhopal
- d) Bijapur

Q62) National Song of India was composed by :-

- a) Rabindra Nath Tagore
- b) Jai Shankar Prasad
- c) Mohammed Iqbal
- d) Bankim Chandra Chatterjee

Q63) Which of the following is the currency of Japan ?

- a) Yen
- b) Baht
- c) Yuan
- d) Won

Q64) Which of the following is the publisher of Employment News ?

- a) Indian Express Group
- b) Times of India Group
- c) Professional Management Group
- d) Ministry of Information and Broadcasting

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Directions (Q86 – 90): Complete the sentences given below with the help of options that follow each sentence.

Q86) Ganges is a holy river.

- a) A b) An c) The d) No article

Q87) I have built new house.

- a) a b) an c) the d) No article

Q88) You should save something a rainy day.

- a) on b) for c) in d) at

Q89) The inspector will look the case.

- a) at b) for c) in d) into

Q90) She is looking a book on the shelf.

- a) on b) in c) for d) out

Directions (Q 91 – 95): Out of the four alternatives choose the word / phrase that is most nearly the same in meaning as the given word :

Q91) CORRECT

- a) untrue b) wrong c) right d) false

Q92) BLAME

- a) praise b) accuse c) admire d) understand

Q93) DIM

- a) dull b) bright c) clear d) brilliant

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Q94) DRESS

- a) bareness b) nakedness c) nudity d) clothing

Q95) FAIR

- a) dull b) clear c) ugly d) foul

Directions (Q 96 – 100) : Out of the four alternatives choose the word that is most nearly the opposite in meaning to the given word :

Q96) CLEVER

- a) wise b) stupid c) intelligent d) smart

Q97) WISE

- a) clever b) sensible c) quick d) foolish

Q98) STAND

- a) sit b) walk c) dance d) hear

Q99) SPEAK

- a) see b) listen c) watch d) talk

Q100) NIGHT

- a) morning b) evening c) day d) noon

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S.No.	Answers	S.No.	Answers	S.No.	Answers	S.No.	Answers
1	C	26	B	51	D	76	C
2	B	27	C	52	C	77	A
3	A	28	B	53	B	78	B
4	A	29	D	54	B	79	C
5	B	30	A	55	A	80	B
6	C	31	C	56	B	81	B
7	C	32	A	57	A	82	A
8	D	33	D	58	B	83	B
9	C	34	B	59	C	84	C
10	C	35	D	60	A	85	D
11	B	36	C	61	A	86	C
12	C	37	C	62	D	87	A
13	B	38	B	63	A	88	B
14	A	39	D	64	D	89	D
15		40	C	65	B	90	C
16		41	B	66	B	91	C
17		42	B	67	D	92	B
18		43	D	68	C	93	A
19		44	A	69	A	94	D
20		45	D	70	D	95	B
21		46	B	71	A	96	B
22	B	47	D	72	D	97	D
23	A	48	A	73	A	98	A
24	C	49	A	74	B	99	B
25	D	50	D	75	B	100	C