Hexaware Technical Paper

HTML
Ans. Hyper Text Markup Language
RISC
Ans. Reduced Instruction Set Computing
ASCII
Ans. American Standard Code For Information Interchange
ANSI
Ans. American National Standard Institute.

XML
Ans. Extended Markup Language
FLOPS
Ans. Floating Point Operating Per Second
SQL
Ans. Sequential Query Language
QBE
A O D E I
Ans. Query By Example
ALE

Ans. Address Latch Enable
What is lagging in DBMS ?
Ans. Reduced Redundancy.
Directions 12 to 20: For the following questions find the odd man out
Unix
OS/2
CMOS
MSDOS
Ans. CMOS

Oracle		
Informix		
Sybase		
LISP		
Ans. LISP		
Laser		
Inkjet		
Dotmatirx		
Mouse		
Ans. Mouse		
Dir		

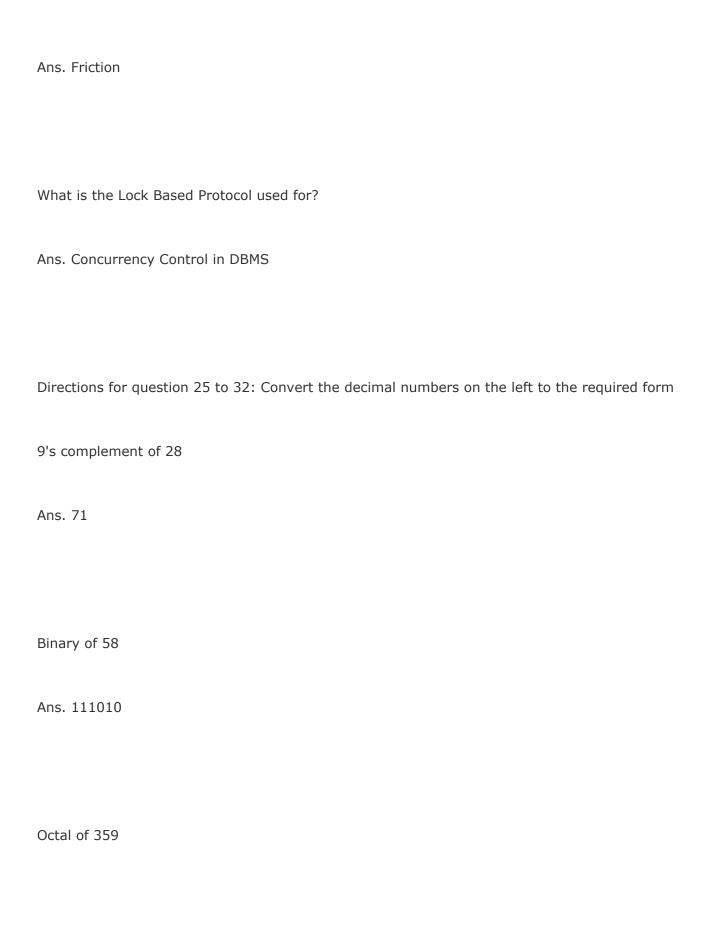
Cls	
Csh	
Сору	
Ans. Csh	
Bit	
Byte	
Nibble	
Digit	
Ans. Digit	
Hard Disk	
Floppy Drive	

CD ROM		
Cache		
Ans. Cache		
SQL		
QUEL		
QBE		
ORACLE		
Ans. Oracle		
C++		
JAVA		
VC++		

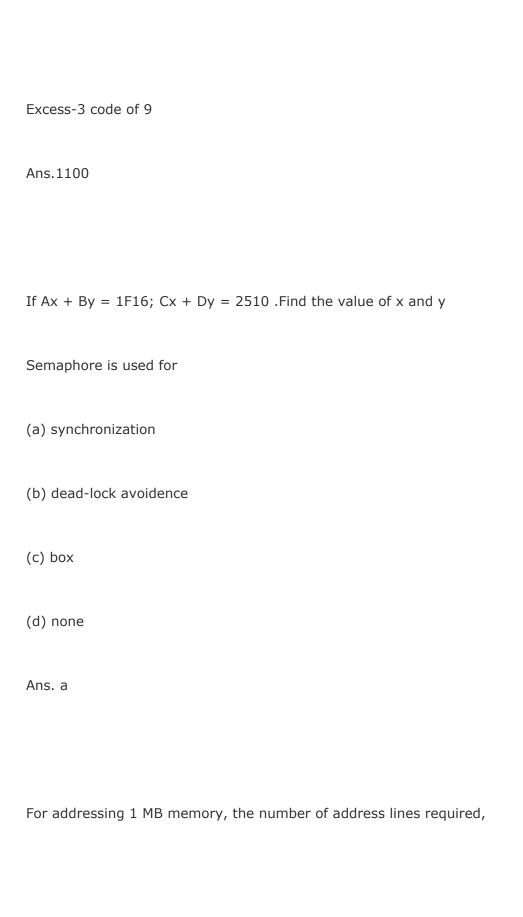
Ans. PASCAL
Projection Operation
Selection Operation
Intersection
Set Difference Operation
Ans. Intersection
Which of the following is a universal gate ?
(a) OR
(b) AND
(c) XOR

PASCAL

(d) NOR
Ans. NOR
The default back end of the VB is
(a) Oracle
(b) Sybase
(c) Informics
Ans. Sybase
What is meant by Superconductivity?
Ans. No reistance
Viscosity



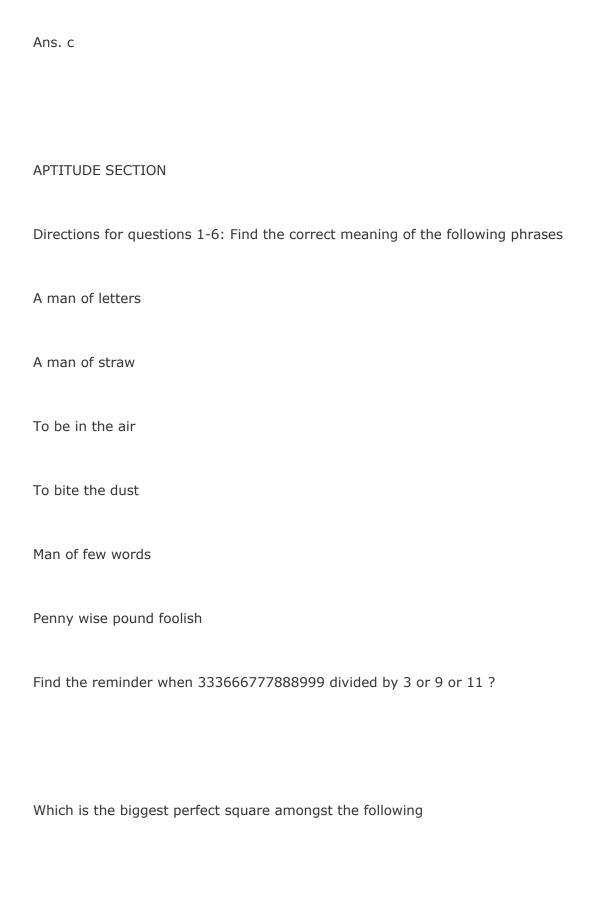
Ans.547	
Hexadecimal of 650	
Ans.28A	
BCD of 18	
Ans.0001 1000	
BCD of 34.8	
Ans.0011 0100.1000	
Excess-3 code of 6	
Ans.1001	



(a) 11
(b) 16
(c) 22
(d) 24
Ans. b
Which of the following remains in memory temporarily
(a) Resident portion of COMMAND.COM
(b) Transient portion of COMMAND.COM
(c) API
(d) Disk BIOS
Ans. b

Pick the odd man out
(a) IO.SYS
(b) MSDOS.SYS
(c) ROM-BIOS
(d) COMMAND.COM
Ans. c
OS/2 is a
(a) Single User OS
(b) Multi User OS
(c) Multi Tasking OS
(d) None of these
Ans. c

Bootstrap loader program is a program belonging to
(a) ROM startup software
(b) ROM extension software
(c) ROM BIOS software
(d) ROM Basic software
Ans. a
The entry of starting cluster of a file is present in
(a) Boot Parameters
(b) Directory
(c) FAT
(d) Partition Table and master boot program



15129, 12348, 23716, 20736
The greatest area of the following
(a) The radius of circle is 4
(b) The square of diagonal is 4
(c) The square of side is 4
The area of the maximum size of the circle described from the 10 square inch square?
In the series 0, 3, 8, 15, What is the next number?
X < 0, $Y <> 0$ then what is the possibility that the result is always positive?



3 red and 4 blue balls are in a basket. A member of PPTeam is drawing balls from the basket. What is the probablity of getting the 3 red balls simultaneously?

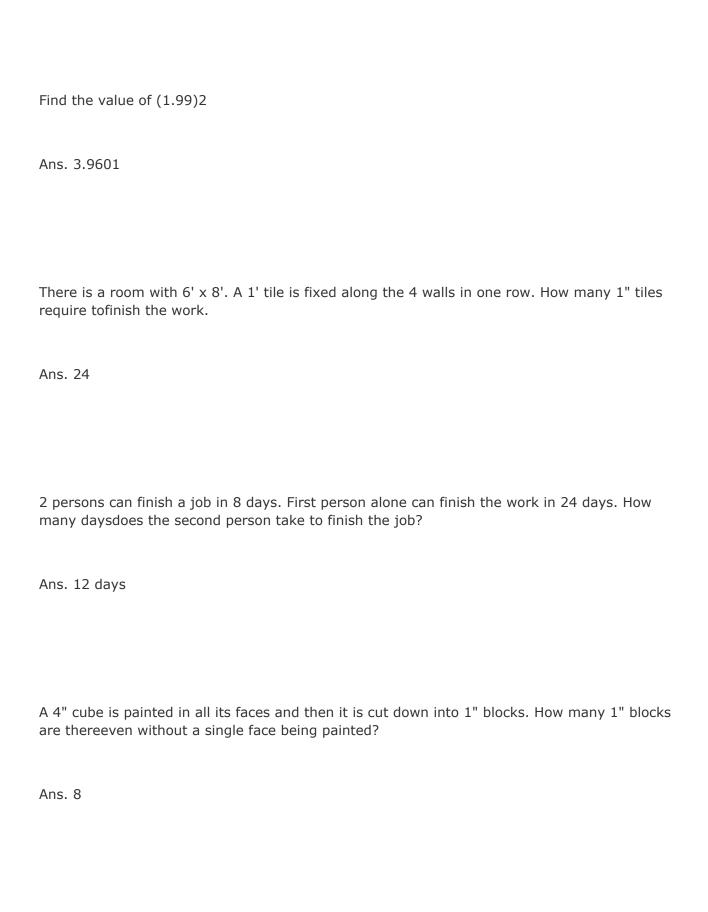
Let ax2 + bx + c = 0

If the sum of the equal roots is equal to the product of the same roots. Then which of the following hold true

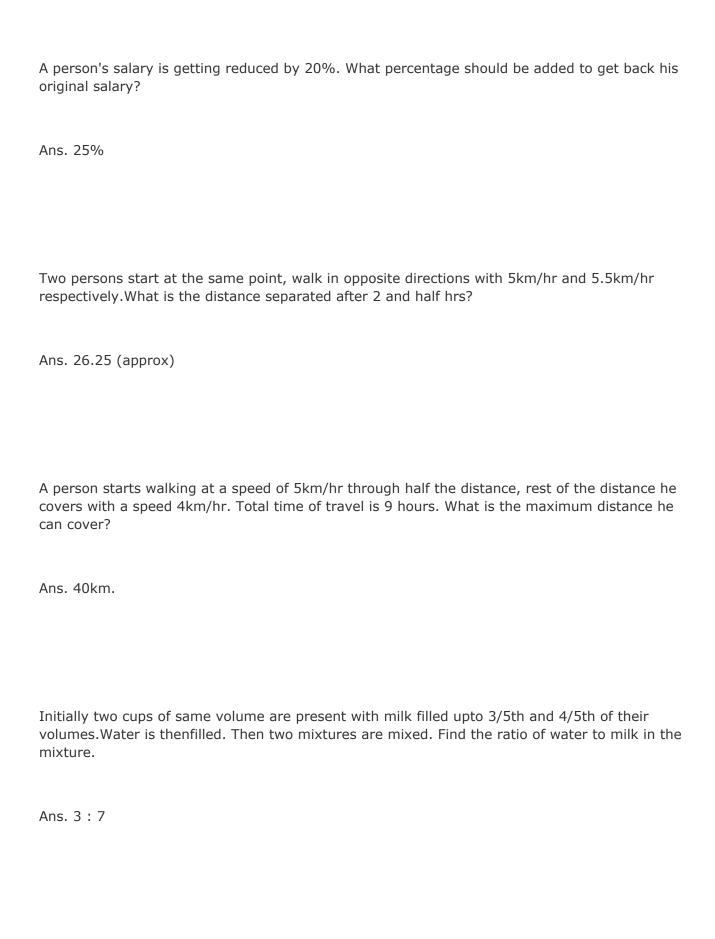
- (a) a + b = 0
- (b) a = 0
- (c) c = 0
- (d) a + c = 0

A fold density is 19 times greater than the water and for copper it is 9 times. At what ratio you can mix gold and copper to get 15 times denser than water.

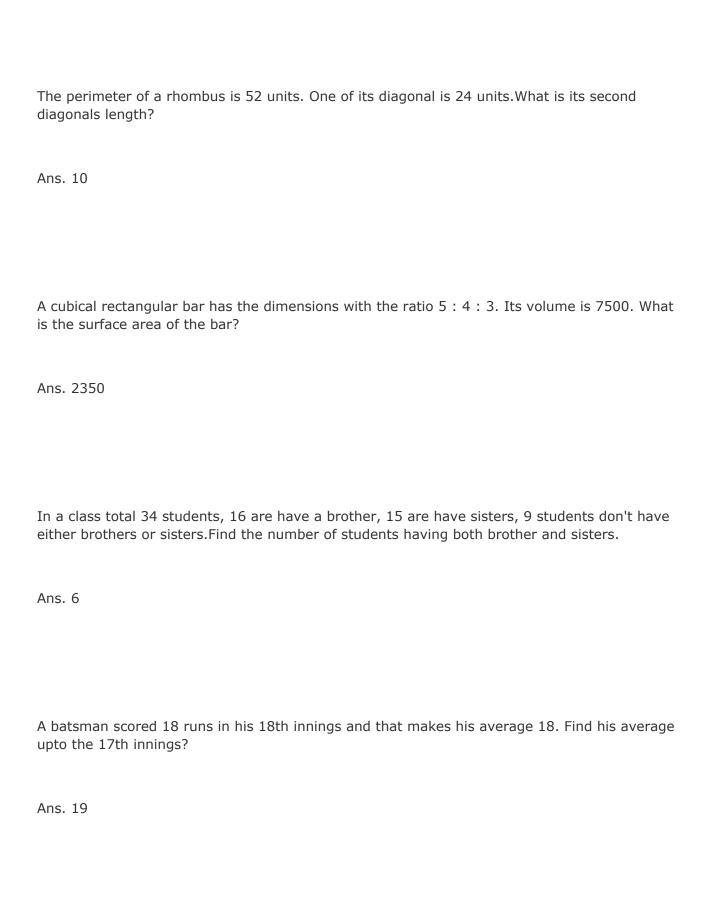
Ans. 3:2



A cylinder is inserted in a sphere $d/h = 2/3$. Find the surface area of the cylinder ?
In a car wheel, two spokes cover 15 degree. Then for the entire car, how many spokes are there?
Ans. 24.
What is the angle of degree suspended when two hands of clock showing the time 2.30.
Ans. 105 degrees
The age difference between two brothers is 3 years. After 6 years the ratio between the age is 9:8What are their ages?
Ans. 21 and 18



16 grams of radioactive material decays into 8 grams in 10 years. How long will it take to decay to 1 gram ?
Ans. 70 yrs.
In a rectangle the length is increased by of the original length . By what proportion should thewidth be reduced so that the area will be the same?
Ans. 33
Find the nth number in the series is 1, -3, 5, -7
Ans. (-1)*(2n-1)
If a square is formed by the diagonal of the square as an edge, what is the ratio between the area?
Ans. 2



6 women can do 75 units of work in 8 days by working 5hrs/day. In how many days can 4 women do 30 units of work by working 8hrs/day ?
A persons salary iis decreased by steps of 20%, 15% and 10%. What will be the percentage decrease, if the salary is decreased in a single shot?
The ratio of the length: breadth: height of a cuboid is 5:4:3, and the volume is 7500. What will be its surface area?
If the circumference of a circle is 100 units, Then what will the length of the arc described by an angle of 20 degree ?
3 persons started placementpapers with a capital of Rs.3000 . B invest Rs.600 less than A, C invest Rs.300 less than B. Then what is the share amount of B in a profit of Rs.886 ?
Directions for 41-50: Which of the following is the correct spelling for the word

https://www.freshersnow.com/

supercede and supersede
recommend and reccomend
superitendent and superitendant
separate and seperate
succeed and suceed
coolly and cooly
despair and dispair
ridiculous and rediculous
indespensible and indepensable
tranquility or tranquillity
C TEST
Directions: For the given sample program give the output of the program(30 marks)

```
main()
{
int a[]={ 2,4,6,8,10 };
int i;
change(a,5);
for( i = 0; i <= 4; i++)
printf("\n %d",a[i]);
}
change( int *b, int n){
int i;
for( i = 0; i < n; i++)
*(b+i) = *(b+i) + 5;
}
```