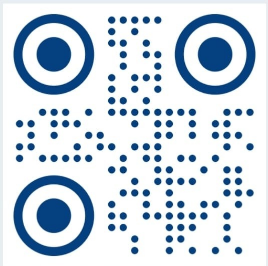
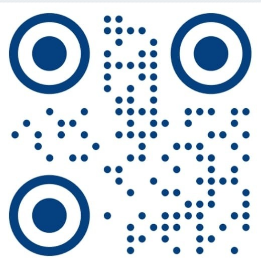
RE001

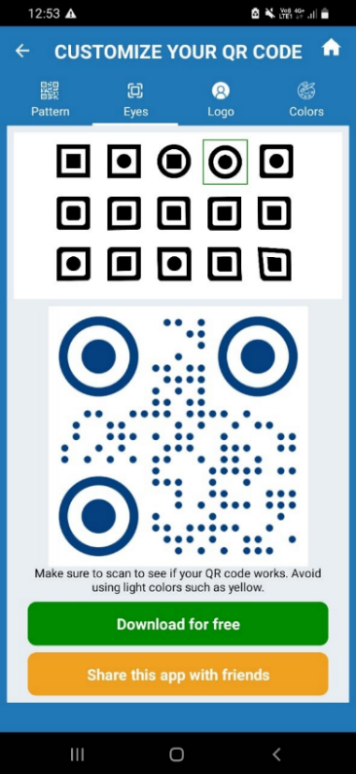
If in a certain code language, “I am good” is coded as “cheen min pina”, “He is bad” is coded as “tin sin win” and “good are bad” is coded as “cheen rin tin”, then which of the following is the code for “I am bad”? (ACCENTURE)

1. cheen win sin
2. pina tin min
3. win tin pina

(d) rin sin win

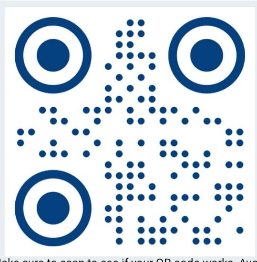
RE002

Choose the odd one out. (ACCENTURE)



(a) HJMR

(b) FHKO

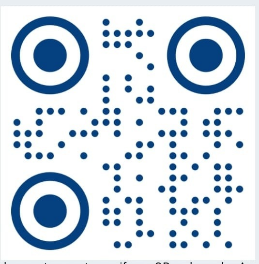
(c) DFIM

(d) BDGK

RE003

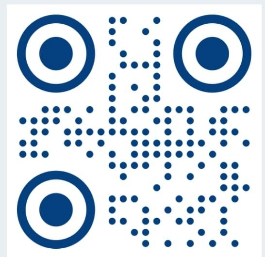
How many 7's are there in the following series which are immediately preceded by 4 but not immediately followed by 6? (ACCENTURE)

4 6 7 5 9 0 3 2 6 7 4 7 9 1 2 4 7 6 8 3 4 7 0



(a) 1

(b) 2



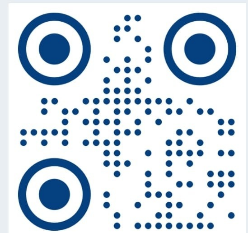
(c) 3

(d) 0

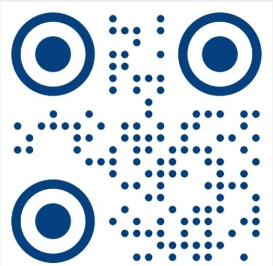
RE004

Complete the following series. (ATOS)

GKJ, HML, JON, MQP, \_\_\_\_\_\_

(a) QRT

(b) ORS

(c) OTR

(d) QSR

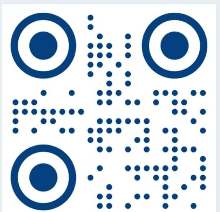
BY001

Among the following statements which is/are correct?

i. Plants convert energy from sunlight into food stored as carbohydrates

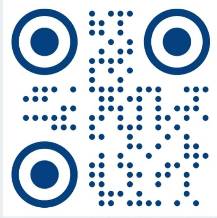
ii. Plants have chlorophyll

iii. Plant cells do not have cell walls



1. Only 1 is correct

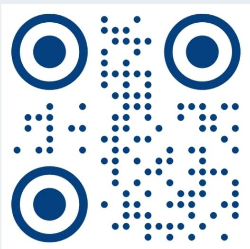
2. Only 1 and 2 are correct

3. Only 1 and 3 are correct

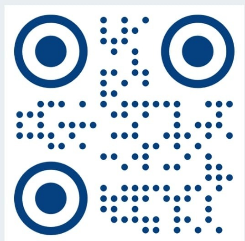
4. All are correct

BY002

The flexibility in plants is due to a tissue called

1. Parenchyma

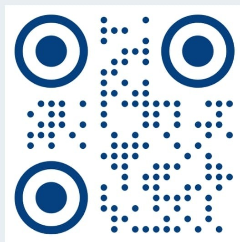
2. Collenchyma

3. Sclerenchyma

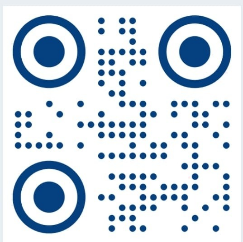
4. None of these

BY003

Which of the following helps in the blood clofing?

1. Vitamin A

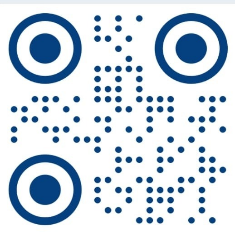
2. Vitamin D

3. Vitamin K

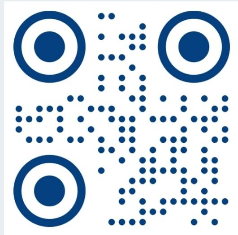
 4. Folic acid

BY004

Which of the following aquatic animals does NOT have gills?

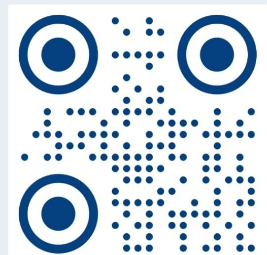
1. Octopus.

2. Squid .

1. fish

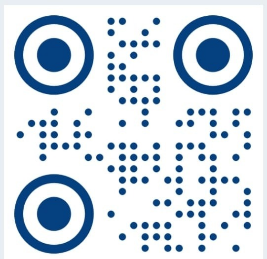
4.Whale

MA001

A Plus B Whole Square?

[A]. (a+b)^2 = a2 + 2ab + b2

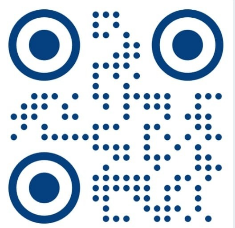
[B]. (a+b)^2 = a2 - 2ab + b2

[C]. (a+b)^2 = a2 + 2ab - b2

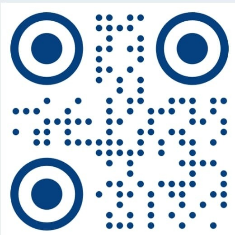
[D]. (a+b)^2 = a2 - 2ab - b2

MA002

Factor: 5x2 – 15x – 20.

(a) 5(x-4)(x+1)

(b) -2(x-4)(x+5)

(c) -5(x+4)(x-1)

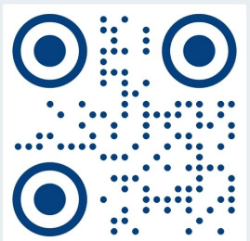
(d) 5(x+4)(x+1)

MA003

Solve for x: 2x – y = (3/4)x + 6.

(a) (y + 6)/5

(b) 4(y + 6)/5

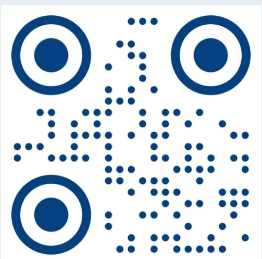
(c) (y + 6)

(d) 4(y - 6)/5

MA004

STATE PYTHAGOROUS THEOREM ?

[A]. states that the square of the

length of the side is equal to the sum

of squares of the lengths of other

two sides of the right-angled triangle.

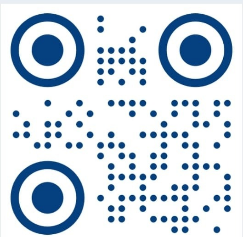
[B]. states that the cube of the length

of the hypotenuse is equal to the

sum of squares of the lengths of

other two sides of the right-angled

triangle.



[C]. states that the square of the

length of the hypotenuse is equal

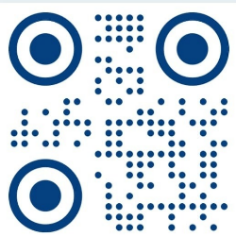
to the sum of squares of the lengths

of other two sides of the right-angled

triangle.

PY001

Heat does not spontaneously flow from a colder body to a hotter one. Which of the following thermodynamics law states this?



[A] Zeroth law of thermodynamics

[B] First law of thermodynamics

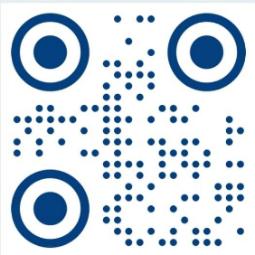
[C] Second law of thermodynamics

[D]Third law of thermodynamics

PY002

Which of the following is an application of thermodynamics?



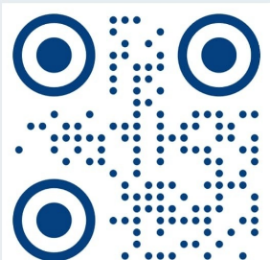


[A] Refrigerators

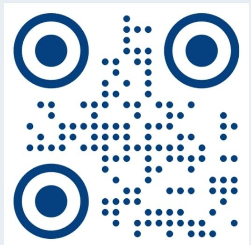
[B]Gas compressors

[c]Power plants

[D]All of the mentioned

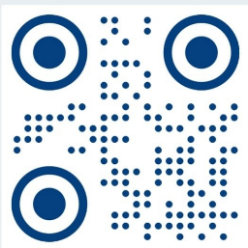


PY003

At 15°C, a steel pot with a 5 mm thick bottom is filled with liquid water (conductivity 50 W/m K). The pot has a 10 cm radius and is now placed on a stove with a heat transmission of 250 W. Calculate the temperature on the bottom of the outer pot assuming the inner surface is 15°C ?

a) 15.8°C

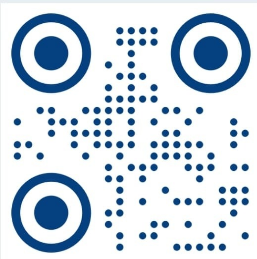
b) 16.8°C

c) 18.8°C

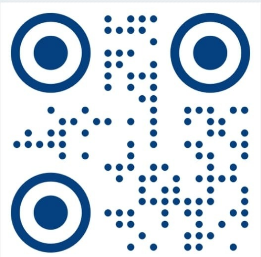
d) 19.8°C

PY004

If a piston/cylinder with a cross-sectional size of 0.01 m2 is resting on the stops, what should the water pressure be to lift the piston with an outside pressure of 100 kPa?

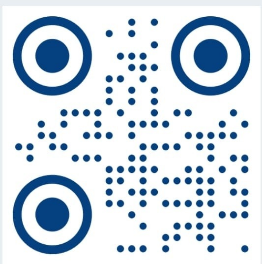
[A] 218kPa

[B]168kPa

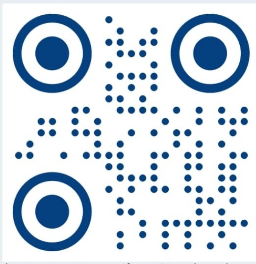
  
[C]198kPa

[D]318kPa

PR001

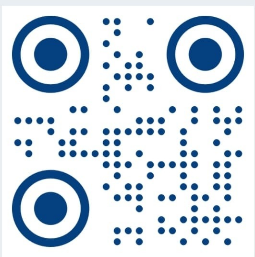
Which of the following number is the 7th Term in the Fibonacci series ?  
   
A) 5

B) 8

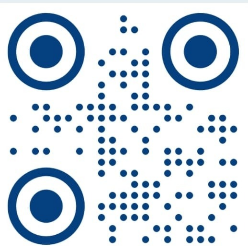
  
C) 13

D) 10

PR002

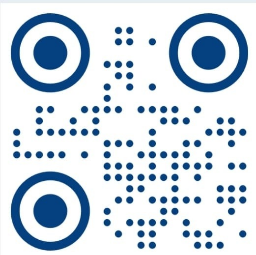
Which of the following number is a palindrome ?  
  
A) 1024

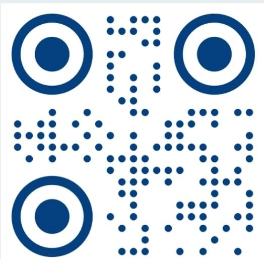
B) 2047

  
C) 5250

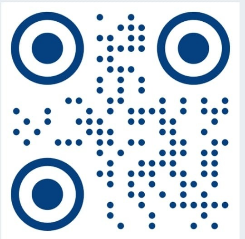
D) 6006

PR003

Check whether 371 is an Armstrong or Not ?  
  
  
A) TRUE

  
B) FALSE

PR004

Check whether the year 2016 is a leap year or not ?  
  
  
A) TRUE

B) FALSE

