

1. Test of electric power field

1. Although Induced Current Arises by Changing Magnetic Field in Coil by Using Magnet, what is how to send much electric current?

1. Strengthen Magnet.
2. Stop Magnet by Definite Period of Time.
3. Roll Coil as quickly as possible.
4. Wrap Coil as intersect.

A. 1

2. What will the phenomenon that a driving force to carry away an electric current to the circuit by the change of the magnetic field happens be called?

1. Optical Induction
2. Electric Wave Induction
3. Thermal Induction
4. Electromagnetic Induction

A. 4

3. What is it, things of Space Which took Voltage ?

1. Electric Field
2. Magnetic Field
3. Electromagnetic Field
4. Electric Belt

A. 1

4. What V/Cm is Meter in 1 KV /?

1. 1000
 2. 100
 3. 1
 4. 10
- A. 3

5. When frequency rises, the electric current flows a lot near the surface of the object, and will the quantity of an electric current drifting to the object inside say an effect to decrease how?

1. Surface tension
2. Surface effect
3. Skin effect
4. List shade effect

A. 3

6. As for the surface magnetic flux of the conductor, first an intersection with the magnetic flux of the inside (a lot of electric currents spread in the appearance in one of).) What should it enter ()?

1. There is few
2. There is many

A. 1

7. The main cause of the electrical resistance is vibration by ○.
Should it enter ○?

1. Light
2. Static electricity
3. Magnetism
4. Heat

A. 4

8. What will the law that expressed that the electric current is inversely proportional to resistance in proportion to the electric current which I added be?

1. Boyle's law
2. Law of Ampere
3. Ohm's law
4. Law of Henry

A. 3

9. The magnetic field exists around the thing which ○○ flows through by all means. What should insert ○○??

1. Wave

2. Electric current
3. Pulse
4. Current of air

A. 2

10. When an electric current spreads in the conductor, what will occur?

1. Magnetic field
2. Time
3. Magnetic belt
4. Electric body

A. 1

11. What will a state of the space where a property to give gravitation and repulsion to acts on be called?

1. World of the dead
2. A place full of demons.
3. Magnetic field
4. Star world

A. 3

12. The electric field exists around the thing which ○○ hangs by all means. What should insert ○○?

1. Partial pressure
2. Atmospheric pressure
3. High pressure
4. The voltage

A. 4

13. If a magnetic field occurs in the direction that the right screw goes around, what will produce it in the direction that the right screw goes ahead through?

1. Magnetism
2. Induced current

3. Atmospheric pressure

4. Static electricity

A. 1

2. Test of supplying electricity at wireless

1. Problem of the electric wave method

1. The reception side lets communication to inform a position make the transmission side, and will you say a correct method transmitting electricity to how?

1. Retro directive method

2. Nitro method

3. Sympathizer sea method

4. Directory method

5. Nostalgic method

A. 1

2. As a result, what do you anticipate by setting the transmission direction of the electric wave exactly?

1. Reduction of the electricity loss

2. There is little management of hands and finishes it

3. Downsizing of the machine

4. I completely get rid of electric wave interference

A. 1

3. Which will the thing which is near to the speed of the microwave be?

1. Light

2. Sound

3. Fall of the drop of water

4. Human speed to walk

5. Train (60km/h)

A. 2

4. What will you pinpoint the position by the retro directive method?

1. Outbreak of the electric current with the electromagnet

2. Signal by the communication

3. Magnetic field with the electromagnet

4. Human conversation by the communication

A. 2

5. What will the kind of the electric wave to use by an electric wave method be?

1. Short wave
2. Medium frequency
3. Microwave
4. Millimeter wave
5. Long wave

A. 3

6. Why will you use a microwave in an electric wave?

1. Because going straight characteristics are strong
2. Because it is low-cost
3. Because I can carry a lot of energy
4. Because it is fast

A. 1

7. Please choose the right thing about influence on human body in the electric wave method.

1. It is bad to eyes
2. The risk of the internal organs functional disorder
3. There is approximately no influence
4. A spot is formed on skin

A. 3

8. Please choose the weak point in this method.

1. It may increase electricity in quantity
2. It can be downsized
3. It is more efficient than an outlet
4. It is strong in a long distance
5. The transmission between countries is possible

A. 4

9. Will the antenna of the form that I reversed an umbrella use which electric wave's behavior, and concentrate it?

1. Transmission
2. Fold
3. Reflection
4. Absorption
5. Reaction

A. 3

10. What kind of form is antenna?

1. It is made of paper
2. Flatness
3. The surface waves
4. It has a shape of the tetrahedron

A. 2

2. Problem of the electromagnetic induction method

1. I receive it with the transmission side, and what will the method of the wireless power supply using the dielectric magnetic flux of the electric side be?

1. Electromagnetic resistance method
2. Electric wave method
3. Magnetic field resonance method
4. Electromagnetic induction method

A. 4

2. May you charge it underwater when you use this method?

1.
2.

A. 1

3. A fault exists by the electromagnetic induction method, but, please chooses the right thing.

1. It is necessary to come close
2. Consumption electricity is terrible
3. I cannot be yet in use

A. 1

4. at now, the charge use by electromagnetic induction method is different from it use the terminal . Which is or .

1.
2.

A. 2

5. The electrical transport's efficacy by electromagnetic induction method has something to with of the electric supply's side and the receiving electricity's side.

What should insert .

1. The distance
2. Distance
3. Process

4. Efficiency

A. 2

3. Problem of the magnetic resonance method

1. Which will the method that is used when middle-range transmission is necessary efficiently in comparison with other methods be?

1. Magnetic field resonance method
2. Electromagnetic resistance method
3. Electromagnetic induction method
4. Electric wave method

A. 1

2. Which will the physical phenomenon causing the principle of this method be?

1. Estrangement phenomenon
2. Resonance phenomena
3. Supernatural phenomenon
4. Vibration phenomenon

A. 2

3. Please answer a incorrect thing

About the fault of electromagnetic induction method

1. Small use is possible
2. There is an electromagnetic wave leak
3. Usable frequency is limited.

A. 1

4. Which will the distance that is right about the transmission by the magnetic field resonance method that a study team in Massachusetts Institute of Technology succeeded in 2007 be?

1. 1 meter
2. 2 meters
3. 3 meters
4. 4 meters

A. 2

5. It can reduce loss until resonance if you adjust ○○. What should insert ○○ ?

1. Joint conductor
2. The coil head

3. Resonance frequency

4. Co wavelength

A. 3

6. Please answer a incorrect thing about an advantage.

1. Even if the combination of the electromagnetic field is weak,
it is possible

2. High efficiency transmission is easy

3. I am poor at alien substance mixture.

A. 3

7. Please choose the right thing about a fault, a problem.

1. An electromagnetic wave leaks

2. It is affected by the wind

3. It works only in small size.

A. 1

8. Please choose the right thing about an advantage.

1. I am strong in an earthquake

2. It is 50% of efficiency

3. It is not disturbed to an obstacle

4. Because it is precise, it is hard to be broken

A. 3