

श्री चित्रा तिरुनाल आयुर्विज्ञान और प्रौद्योगिकी संस्थान, त्रिवेंद्रम, केरल- 695 011 (एक राष्ट्रीय महत्व का संस्थान, विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार) SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY, TRIVANDRUM KERALA - 695 011

Entrance Examination 2020- PG_ Diploma in Cardiac Laboratory Technology

| | Entrance Examination 2020- F | O_ Dipid | ilia ili Carulac | Laboratory re | Ciliology | |
|----------|---|----------|---------------------------------|------------------------------|--|---|
| SI No | Question | Answer | OptionA | OptionB | OptionC | OptionD |
| 1 | THE STRENGTH OF A SEMICONDUCTOR CRYSTAL COMES FROM | С | FORCES BETWEEN NUCLEI | FORCES BETWEEN PROTONS | ELECTRON-PAIR BONDS | NONE OF THE ABOVE |
| 2 | AT A DISTANCE R,TWO EQUAL CHARGES ARE KEPT AND THEY EXERT A FORCE F ON EACH OTHER. WHAT IS THE FORCE ACTING ON EACH CHARGE, IF THE DISTANCE BETWEEN THEM IS DOUBLED AND CHARGES ARE HALVED? | А | F/16 | 4F | F/4 | F/8 |
| 3 | 1 VOLT IS EQUIVALENT TO | А | JOULE/ COULOMB | NEWTON/ COULOMB | NEWTON/ SECOND | JOULE/ SECOND |
| 4 | IN PARALLEL COMBINATION OF N CELLS, WE OBTAIN | В | MORE VOLTAGE | MORE CURRENT | LESS VOLTAGE | LESS CURRENT |
| 5 | TESLA IS A UNIT OF | С | ELECTRIC FLUX | MAGNETIC FLUX | MAGNETIC FIELD | ELECTRIC FIELD |
| 6 | THE EARTH BEHAVES AS A MAGNET WITH MAGNETIC FIELD POINTING APPROXIMATELY FROM THE GEOGRAPHIC | В | NORTH TO SOUTH | SOUTH TO NORTH | EAST TO WEST | WEST TO EAST |
| 7 | LENZ LAW IS BASED ON WHICH OF THE FOLLOWING CONVERSATION | D | CHARGE | MASS | MOMENTUM | ENERGY |
| 8 | WHAT IS THE PEAK VALUE OF THE VOLTAGE OF AN ELECTRIC LAMP CONNECTED TO A 220 V,50 HZ SUPPLY? | Α | 311 V | 320 V | 211 V | 210 V |
| 9 | 2 m 20 m | В | 0111 | AN ACCELERATED | | CHARGED |
| 10 | ELECTRO MAGNETIC WAVES ARE PRODUCED BY | С | A STATIC CHARGE POSITIVELY | CHARGE NEGATIVELY | A MOVING CHARGE | |
| | AN N-TYPE SEMICONDUCTOR IS | | CHARGED | CHARGED | NEUTRAL INTENSITY OF | ABOVE NONE OF THE |
| 11 | LIGHT YEAR IS THE UNIT OF : | А | DISTANCE | TIME | LIGHT | ABOVE |
| 12 | POLARISATION PHENOMENON EXPLAINS WHICH NATURE OF LIGHT? | А | TRANSVERSE | LONGITUDINAL | BOTH TRANSVERSE AND LONGITUDINAL | GEOMETRICAL |
| 13 | DE-BROGLIE EQUATION STATES THE: | А | DUAL NATURE | PARTICLE NATURE | WAVE NATURE | NONE OF THESE |
| 14 | WHICH OF THE FOLLOWING IS THE EQUIVALENT QUANTITY OF MASS IN ELECTRICITY | D | CURRENT | CHARGE | POTENTIAL | INDUCTANCE |
| | MAXIMUM NUMBER OF ELECTRONS IN A SUB SHELL CAN BE IN NUCLEAR REACTORS, THE CONTROL RODS ARE MADE OF | A | 4I + 2 CADMIUM | 4I-2 GRAPHITE | 2n ² KRYPTON | 2l + 1 PLUTONIUM |
| 16 17 | THE CHEMICAL FORMULA OF LEAD SULPHATE IS | A C | Pb ₂ SO ₄ | Pb (SO) ₂ | PbSO ₄ | Pb ₂ (SO ₄) ₃ |
| 18 | A CYCLOTRON CAN BE USED TO PRODUCE HIGH ENERGY | D | NEUTRONS | ELECTRONS | β PARTICLES | α PARTICLES |
| 19 | BELONG IF THE ENERHY OF THE WAVE IS OF THE ORDER OF 15 KeV | А | X- RAYS | INFRARED RAYS | ULTRAVIOLET RAYS | GAMMA RAYS |
| 20 | THE AIR BUBBLE INSIDE WATER SHINE DUE TO | С | REFLECTION | REFRACTION | T.I.R | NONE OF THE ABOVE |
| 21 | THE BINARY EQUIVALENT OF THE DECIMAL NUMBER 10 IS | С | 10 | 10 | 1010 | 10 |
| 22 | THE LOCATION OF THE NEURO CENTRE ACITIVITY OF THE | D | | | | MEDULLA |
| | HEART | | MID BRAIN | PONS | CEREBRUM | OBLONGATA |
| 23 | WHICH MODE IS USED FOR CARDIAC IMAGING? | С | A-MODE ANTI | B-MODE | M-MODE | 3 D MODE |
| 24 | FERRITES MAY BE | В | FERROMAGNETIC | FERROMAGNETIC | FERRI MAGNETIC | NONE OF THE ABOVE |
| 25 | WHICH INSTRUMENT IS USED TO EXAMINE THE ECG POTENTIALS GENERATED ALONG THE THREE DIMENSIONAL | А | VECTOR CARDIOGRAPH | ECHOCARDIOGRAP H | M-MODE ULTRASONOGRAPH Y | ELECTROCARDIOG RAPH |
| 26 | WHICH OF THE FOLLOWING VITAMIN HELPS IN BLOOD CLOTTING? | С | VITAMIN A | VITAMIN C | VITAMIN K | VITAMIN D |
| 27 | THE REFRACTIVE INDEX OF WATER WILL BE | D | 1 | 2.66 | 5 | 1.33 |
| 28 | IN ZENER DIODE, THE ZENER BREAKDOWN TAKES PLACE | В | ABOVE 6 V | BELOW 6 V | AT 6 V | ZERO |
| 29 | ELECTRIC FIELD LINES PROVIDE INFORMATION ABOUT | D | FIELD STRENGTH | DIRECTION | NATURE OF CHARGE | ALL OF THESE |
| 30 | WHAT IS THE UNIT OF INDUCTANCE? | D | VOLIT/AMPERE | VOLT-AMPERE/SEC | JOULE/AMPERE | VOLT-SEC/AMPERE |
| 31 | THE ULTRA HIGH FREQUENCY BAND OF RADIO WAVES IN ELECTROMAGNETIC WAVE IS USED AS IN | В | TELEVISION WAVES | CELLULAR PHONE COMMUNICATION | COMMERCIAL FM RADIO | BOTH A AND C |
| 32 | MILLIKAN'S OIL DROP EXPERIMENT MAKES USE OF: | А | STOKES'S LAW | BOYLES'S LAW | GAS EQUATION | BERNOULLI'S THEOREM |
| | WHICH OF THE FOLLOWING VITAMIN DEFICIENCY CAUSES | | | <u></u> | | <u> </u> |

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|----|--|---|---------------------------|---|--|---|
| 34 | WHICH REGION OF THE TRANSISTOR IS HIGHLY DOPED? | Α | EMITTER | BASE | COLLECTOR | BOTH EMITTER AND COLLECTOR |
| 35 | DIELECTRIC CONSTANT FOR A METAL IS | В | ZERO | INFINITE | 1 | 10 |
| 36 | RADIOACTIVITY IS THE PHENOMENON ASSOCIATED WITH | А | DECAY OF NUCLEUS | PRODUCTION OF RADIO WAVES | TRANSMISSION OF RADIO WAVES | RECEPTION OF RADIO WAVES |
| 37 | WHEN A PENTAVALENT IMPURITY IS ADDED TO A PURE SEMI CONDUCTOR, IT BECOMES | D | AN INSULATOR | AN INTRINSIC SEMICONDUCTOR | P-TYPE SEMICONDUCTOR | N-TYPE SEMICONDUCTOR |
| 38 | THE COMMON -MODE GAIN OF AN OPAMP IS | В | VERY HIGH | VERY LOW | ALWAYS UNITY | UNPREDICTABLE |
| 39 | WHAT IS THE SI UNIT OF PERMITIVITY OF FREE SPACE? | С | WEBER | FARAD | C ² N ⁻¹ M ⁻² | C ² N ⁻¹ M ² |
| | | | | | | |
| 40 | A DOPPED SEMICONDUCTOR IS KNOWN AS | В | INTRINIC SEMICONDUCTOR | EXTRINSIC SEMICONDUCTOR | DIFFUSED SEMICONDUCTOR | NONE OF THE ABOVE |
| 41 | WHICH OF THE FOLLOWING RAYS ARE NOT ELECTROMAGNETIC WAVES? | В | GAMMA RAYS | BETA RAYS | HEAT RAYS | X RAYS |
| 42 | ATOMS THAT HAVE THE SAME MASS NUMBER AND DIFFERENT ATOMIC NUMBER ARE CALLED? | Α | ISOTOPES | ISOTONES | ISOBARS | ISOMERS |
| 43 | RMS STANDS FOR | Α | ROOT MEAN SQUARE | ROOT MEAN SUM | ROOT MAXIMUM SUM | ROOT MINIMUM SUM |
| 44 | AN EXAMPLE OF NON-OHMIC RESISTANCE | А | DIODE | TUNGSTEN WIRE | CARBON RESISTANCE | COPPER WIRE |
| 45 | THE TERM USED TO "COLLECT THE INFORMATION ABOUT AN OBJECT AND A PLACE WITHOUT PHYSICAL CONTACT" | D | MODULATION | COMMUNICATION | AMPLIFICATION | REMOTE SENSING |
| 46 | KIRCHHOFFS FIRST AND SECOND LAWS FOR ELECTRICAL CIRCUITS ARE CONSEQUENCES OF: | В | CONSEVATION OF ENERGY | CONSERVATION OF ELECTRICAL CHARGE AND ENERGY RESPECTIVELY | CONSERVATION OF ELECTRIC CHARGE | NEITHER CONSERVATION OF ENERGY NOR ELECTRIC CHARGE |
| 47 | CAPACITOR IS A DEVICE USED TO | А | STORE ELECTRICAL ENERGY | VARY THE RESISTANCE | STORE MAGNETIC ENERGY | DISSIPATE ENERGY |
| 48 | THE MOST ABUNDANT METAL IN THE EARTH'S CRUST IS | В | IRON | ALUMINIUM | CALCIUM | SODIUM |
| 49 | THE WAVE LENGTH OF A WAVE OF FREQUENCY 10KHZ IS: | С | 30 M | 300M | 30KM | 300KM |
| 50 | | В | | | | |
| 30 | WHICH OF THE FOLLOWING IS NOT TRANSDUCER? THE SPACE WAVES WHICH ARE AFFECTED SERIOUSLY BY | ь | LOUDSPEAKER | AMPLIFIER | MICROPHONE | ALL OF THESE |
| 51 | ATMOSPHERREIC CONDITIONS ARE: | D | MF | HUF | VHF | UHF |
| | | С | JOULE EFFECT | THOMSON EFFECT | SEEBECK EFFECT | |
| 52 | WHAT IS THE PRINCIPLE BEHIND THERMOCOUPLE | | | | | PELTIER EFFECT |
| 53 | THE UNIT OF FREQUENCY IS | D | CYCLE | CYCLE-SECOND | HERTZ/SECOND | HERTZ |
| 54 | THE WAVES USED BY ARTIFICIAL SATELLITES FOR COMMUNICATION IS | А | MICROWAVES | INFRARED WAVES | RADIO WAVES | X- RAYS |
| 55 | IN P-N-P TRANSISTOR,BASE WILL BE OF | В | P MATERIAL | N MATERIAL | P AND N MATERIAL | |
| 56 | CONVERT 1101.0001 ₂ TO DECIMAL | D | 13 | 13.5 | 13.15 | 13.0625 |
| 57 | CONVERT FACE ₁₆ TO DECIMAL | Α | 6862 ₁₀ | 6552 ₁₀ | 6111 ₁₀ | 6000 ₁₀ |
| 58 | THE MAJORITY CARRIERS IN THE BASE OF AN NPN GERMANIUM TRANSISTOR ARE | В | IMPURITY IONS | HOLES | ELECTRONS | ELECTRON-HOLES PAIR |
| 59 | THE FORCE PER UNIT CHARGE IS KNOWN AS | В | ELECTRIC FLUX | ELECTRIC FIELD | ELECTRIC POTENTIAL | ELECTRIC CURRENT |
| 60 | THE FOCAL LENGTH OF THE LENS IS 50 CM; THEN ITS POWER IS: | Α | +2D | +1D | -2D | -1D |
| 61 | THE ISOTOPES USED TO REMOVE THE BRAIN TUMORS AND TREATMENT OF CANCER IS | D | U-235 | Na-24 | IODINE | CO-60 |
| 62 | AN ELECTRIC CURRENT OF 10 A IS THE SAME AS | С | 10 J/C | 10V/C | 10 C/SEC | 10 W/SEC |
| 63 | WHICH QUANTITY IS INCREASED IN A STEP-DOWN TRANSFORMER? | A | CURRENT | VOLTAGE | POWER | FREQUENCY |
| 64 | GAUSS'S LAW WILL BE INVALID IF | В | THERE IS MAGNETIC | THE INVERESE SQUARE LAW IS | THE VELOCITY OF LIGHT IS NOT A | NONE OF THESE |
| | S. 1000 S DAW WILL DE HAVALID II | | MONOPOLE | NOT EXACTLY TRUE | UNIVERSAL CONSTANT | |
| 65 | WHICH OF THE FOLLOWING IS THE BEST INSULATOR? | D | CARBON | PAPER | GRAPHITE | EBONITE |
| 66 | WHAT IS THE VALUE OF CAPACITANCE OF A CAPACITOR WHICH HAS A VOLTAGE OF 4 V AND HAS 16 C OF CHARGE? | В | 2F | 4F | 6F | 8F |
| 67 | IN A SINUSOIDAL WAVE, AVERAGE CURRENT IS ALWAYS RMS CURRENT | В | GREATER THAN | LESS THAN | EQUAL TO | NOT RELATED |
| 68 | A DIFFERENTIAL AMPLIFIER | D | IS A PART OF AN OP-AMP | HAS ONE INPUT AND ONE OUT PUT | HAS TWO OUTPUTS | BOTH 1 AND 2 |
| 69 | CHOOSE THE VECTOR PHYSICAL QUANTITY | D | ELECTRIC FLUX | ELECTRIC POTENTIAL | ELECTRIC POTENTIAL ENERGY | |
| 70 | WHICH OF THE FOLLOWING ACTS AS A BUFFER | Α | CC AMPLIFIER | CE AMLIFIER | CB AMPLIFIER | CASCADED AMPLIFIER |
| 71 | A SINGLE PHASE FULL WAVE RECTIFIER IS A | С | SINGLE PULSE RECTIFIER | MULTIPLE PULSE RECTIFIER | TWO PULSE RECTIFIER | THREE PULSE RECTIFIER |
| 72 | | В | EARDRUM | PINNA | AUDITORY TUBE | ROUND WINDOW |
| | WHAT IS AURICLE ALSO KNOWN AS? | | | 1 | | |

| | | | | 1 | 1 | |
|---|---|-------------|--|--|---|--|
| 73 | HOW MANY ELECTRODES ARE USED IN 10-20 ELECTRODE | Α | | | | |
| ,,, | PLACEMENT SYSTEM IN EEG MACHINE? | | 21 | 30 | 20 | 10 |
| 74 | THE ELECTRONIC CONFIGURATION OF CHLORINE IS | С | 2,7 | 2,8,8,7 | 2,8,7 | 2,7,8 |
| 75 | MAXWELL IN HIS FAMOUS EQUATIONS OF | | | DISPLACEMENT | | |
| 75 | ELECTROMAGNETISM INTRODUCED THE CONCEPT OF | В | AC CURRENT | CURRENT | IMPEDANCE | REACTANCE |
| | | | VELLOW | | VELLOW VIOLET | VELLOWANIOLET |
| 76 | REPRESENT THE COLOUR CODE FOR THE FOLLOWING VALUES | D | YELLOW, | YELLOW, BLACK, | YELLOW, VIOLET, | YELLOW, VIOLET, |
| | OF RESISTANCE 47 ± 5% | | WHITE,BLUE,RED | GREEN,GOLD | BLACK,SILVER | BLACK AND GOLD |
| 77 | | Α | FULL WAVE | | HALF WAVE | NONE OF THE |
| • | BRIDGE RECTIFIER IS AN ALTERNATIVE FOR | ,, | RECTIFIER | PEAK RECTIFIER | RECTIFIER | ABOVE |
| 70 | WHICH OF THE FOLLOWING TERMINALS DOES NOT BELONG | D | | | | |
| 78 | TO THE MOSFET? | В | DRAIN | GATE | BASE | SOURCE |
| | | | SPHERICAL | | | |
| 79 | WHICH SURFACE IS CONSIDERED FOR GAUSS LAW? | В | SURFACE | GAUSSIAN SURFACE | CLOSED SURFACE | PLANE SURFACE |
| | THE ELECTROMAGNETIC WAVE USED TO TREAT MUSCULAR | | | | | INFRARED |
| 80 | PAIN IS: | D | VHF RADIOWAVES | X-RAYS | ULTRAVIOLET RAYS | RADIATIONS |
| -04 | | | + | _ | | 6 |
| 81 | A PENTAVALENT IMPURITY HAS VALENCE ELECTRONS | В | 3 | 5 | 4 | - |
| 82 | | В | | _ | | VENTRICLE |
| | PACEMAKER IS | | AV NODE | SA NODE | BUNDLE OF HIS | MUSCLES |
| 83 | IF BOTH THE K AND L SHELLS, WHAT WOULD BE THE ATOMIC | С | | | | |
| 83 | NUMBER OF THAT ELEMENT? | C | 20 | 14 | 10 | 16 |
| 0.4 | TWO CONDUCTING SPHERES OF RADII r1 AND r2 ARE EQUALLY | | | | | |
| 84 | CHARGED.THE RATIO OF THEIR POTENTIAL IS | В | $(r_1/r_2)^2$ | $(r_1 r_2)^2$ | (r_1/r_2) | (r_1/r_2) |
| | | | | | , , | BOTH VELOCITY |
| 85 | WHEN A RAY OF LIGHT (WHITE) ENTERS A LENS, UNDERGOES | D | | | | AND WAVE |
| 03 | A CHANGE IS: | | WAVE LENGTH | VELOCITY | FREQUENCY | LENGTH |
| | | | | | - | |
| 86 | IN A PNP TRANSISTOR, THE CURRENT CARRIERS ARE | D | ACCEPTOR IONS | DONOR IONS | FREE ELECTRONS | HOLES |
| 07 | DAVANCE OF AN ECC CICNAL IS BELATED TO | | VENTRICULAR | ARTIAL | VENTRICULAR | ATRIAL |
| 87 | P WAVE OF AN ECG SIGNAL IS RELATED TO: | В | DEPLORIZATION | DEPOLARIZATION | REPOLARIZATION | REPOLARIZATION |
| 88 | THE STRING OF 8 BITS IS KNOWS | В | NIBBLE | BYTE | OCTED | QUAD |
| - 00 | I THE STREET OF STREET OF THE STREET | | | | 00.25 | 407.15 |
| | | | VICIDI E AND | CHORT BARIO | CHORT DADIO | CANANAA DAVC |
| 89 | WALLET OF THE FOLLOWING BEGIONS BORS & BAYLLE | D | VISIBLE AND | SHORT RADIO | SHORT RADIO | GAMMA RAYS |
| | WHICH OF THE FOLLOWING REGIONS DOES X-RAY LIE | | ULTRAVIOLET | WAVES AND LONG | WAVES AND | AND ULTRA |
| | BETWEEN? | | REGIONS | RADIO WAVES | VISIBLE REGION | VIOLET REGION |
| 90 | AN ATOM HAS MASS NUMBER 37 AND ATOMIC NUMBER 17. | С | | | | |
| 30 | FIND THE NUMBER OF PROTONS. | C | 21 | 22 | 17 | 20 |
| 04 | THE RATIO OF SPECIFIC CHARGE OF AN ALPHA PARTICLE TO | | | | | |
| 91 | THE PROTON | Α | 1:2 | 2:1 | 4:1 | 1:4 |
| | WHICH OF THE FOLLOWING PHENOMENON IS NOT | | | | | PHOTOELECTRIC |
| 92 | EXPLAINED BY HUYGEN'S WAVE THEORY? | D | DIFFRACTION | INTERFERANCE | POLARISATION | EFFECT |
| | IN ELECTROMAGNETIC WAVES THE PHASE DIFFERENCE | | | | | |
| 93 | BETWWEN ELECTRIC FIELD VECTOR AND MAGNETIC FIELD | ٨ | 1 | | | |
| 93 | | Α | | I | | П. |
| L | | | 7EDO | П /2 | П | |
| | VECTOR IS | | ZERO | ∏/2 | Π | ∏/3 |
| 94 | VECTOR IS | B | ZERO | ∏/2 | Π SPECIFIC | NONE OF THE |
| 94 | SIEMEN IS THE UNIT OF | В | ZERO RESISTANCE | ∏/2 CONDUCTANCE | TI SPECIFIC CONDUCTANCE | |
| 94 | | В | | | | NONE OF THE |
| 94 | SIEMEN IS THE UNIT OF | В | | | | NONE OF THE |
| | SIEMEN IS THE UNIT OF THE REFRACTIVE INDICES(R.I) OF GLASS AND WATER WITH RESPECT TO AIR ARE 3/2 AND 4/2 RESPECTIVELY.THE R.I OF | | RESISTANCE | CONDUCTANCE | CONDUCTANCE | NONE OF THE ABOVE |
| | SIEMEN IS THE UNIT OF THE REFRACTIVE INDICES(R.I) OF GLASS AND WATER WITH | В | | | | NONE OF THE |
| | SIEMEN IS THE UNIT OF THE REFRACTIVE INDICES(R.I) OF GLASS AND WATER WITH RESPECT TO AIR ARE 3/2 AND 4/2 RESPECTIVELY.THE R.I OF GLASS W.R.TO WATER IS: | | RESISTANCE 8/9 | CONDUCTANCE 9/8 | CONDUCTANCE 7/6 | NONE OF THE ABOVE |
| 95 | SIEMEN IS THE UNIT OF THE REFRACTIVE INDICES(R.I) OF GLASS AND WATER WITH RESPECT TO AIR ARE 3/2 AND 4/2 RESPECTIVELY.THE R.I OF GLASS W.R.TO WATER IS: TRANSFORMER WORKS ON THE PRINCIPLE OF: | В | RESISTANCE | CONDUCTANCE | CONDUCTANCE | NONE OF THE ABOVE |
| 95 | SIEMEN IS THE UNIT OF THE REFRACTIVE INDICES(R.I) OF GLASS AND WATER WITH RESPECT TO AIR ARE 3/2 AND 4/2 RESPECTIVELY.THE R.I OF GLASS W.R.TO WATER IS: TRANSFORMER WORKS ON THE PRINCIPLE OF: WHAT IS THE VALUE OF ANGLE OF DIP AT THE MAGNETIC | В | RESISTANCE 8/9 CONVERTOR | CONDUCTANCE 9/8 INVERTOR | CONDUCTANCE 7/6 MUTAL INDUCTION | NONE OF THE ABOVE 2 SELF-INDUCTION |
| 95 96 | SIEMEN IS THE UNIT OF THE REFRACTIVE INDICES(R.I) OF GLASS AND WATER WITH RESPECT TO AIR ARE 3/2 AND 4/2 RESPECTIVELY.THE R.I OF GLASS W.R.TO WATER IS: TRANSFORMER WORKS ON THE PRINCIPLE OF: WHAT IS THE VALUE OF ANGLE OF DIP AT THE MAGNETIC EQUATOR? | В | RESISTANCE 8/9 | CONDUCTANCE 9/8 | CONDUCTANCE 7/6 | NONE OF THE ABOVE |
| 95 96 97 | SIEMEN IS THE UNIT OF THE REFRACTIVE INDICES(R.I) OF GLASS AND WATER WITH RESPECT TO AIR ARE 3/2 AND 4/2 RESPECTIVELY.THE R.I OF GLASS W.R.TO WATER IS: TRANSFORMER WORKS ON THE PRINCIPLE OF: WHAT IS THE VALUE OF ANGLE OF DIP AT THE MAGNETIC EQUATOR? IN WHICH OF THE FOLLOWING FORMS IS THE ENERGY | B C A | RESISTANCE 8/9 CONVERTOR O° | CONDUCTANCE 9/8 INVERTOR 90° | CONDUCTANCE 7/6 MUTAL INDUCTION 45° | NONE OF THE ABOVE 2 SELF-INDUCTION NEARLY 30° |
| 95 96 | SIEMEN IS THE UNIT OF THE REFRACTIVE INDICES(R.I) OF GLASS AND WATER WITH RESPECT TO AIR ARE 3/2 AND 4/2 RESPECTIVELY.THE R.I OF GLASS W.R.TO WATER IS: TRANSFORMER WORKS ON THE PRINCIPLE OF: WHAT IS THE VALUE OF ANGLE OF DIP AT THE MAGNETIC EQUATOR? | В | RESISTANCE 8/9 CONVERTOR | CONDUCTANCE 9/8 INVERTOR | CONDUCTANCE 7/6 MUTAL INDUCTION | NONE OF THE ABOVE 2 SELF-INDUCTION |
| 95 96 97 | SIEMEN IS THE UNIT OF THE REFRACTIVE INDICES(R.I) OF GLASS AND WATER WITH RESPECT TO AIR ARE 3/2 AND 4/2 RESPECTIVELY.THE R.I OF GLASS W.R.TO WATER IS: TRANSFORMER WORKS ON THE PRINCIPLE OF: WHAT IS THE VALUE OF ANGLE OF DIP AT THE MAGNETIC EQUATOR? IN WHICH OF THE FOLLOWING FORMS IS THE ENERGY | B C A | RESISTANCE 8/9 CONVERTOR O° | CONDUCTANCE 9/8 INVERTOR 90° | CONDUCTANCE 7/6 MUTAL INDUCTION 45° | NONE OF THE ABOVE 2 SELF-INDUCTION NEARLY 30° |
| 95 96 97 98 99 | SIEMEN IS THE UNIT OF THE REFRACTIVE INDICES(R.I) OF GLASS AND WATER WITH RESPECT TO AIR ARE 3/2 AND 4/2 RESPECTIVELY.THE R.I OF GLASS W.R.TO WATER IS: TRANSFORMER WORKS ON THE PRINCIPLE OF: WHAT IS THE VALUE OF ANGLE OF DIP AT THE MAGNETIC EQUATOR? IN WHICH OF THE FOLLOWING FORMS IS THE ENERGY STORED IN A CAPACITOR? | B C A D D | RESISTANCE 8/9 CONVERTOR O° CHARGE | CONDUCTANCE 9/8 INVERTOR 90° POTENTIAL | CONDUCTANCE 7/6 MUTAL INDUCTION 45° CAPACITANCE | NONE OF THE ABOVE 2 SELF-INDUCTION NEARLY 30° ELECTRIC FIELD |
| 95 96 97 98 | SIEMEN IS THE UNIT OF THE REFRACTIVE INDICES(R.I) OF GLASS AND WATER WITH RESPECT TO AIR ARE 3/2 AND 4/2 RESPECTIVELY.THE R.I OF GLASS W.R.TO WATER IS: TRANSFORMER WORKS ON THE PRINCIPLE OF: WHAT IS THE VALUE OF ANGLE OF DIP AT THE MAGNETIC EQUATOR? IN WHICH OF THE FOLLOWING FORMS IS THE ENERGY STORED IN A CAPACITOR? THE UNIT OF ELECTRIC DIPOLE MOMENT IS | B C A | RESISTANCE 8/9 CONVERTOR O° CHARGE | CONDUCTANCE 9/8 INVERTOR 90° POTENTIAL | CONDUCTANCE 7/6 MUTAL INDUCTION 45° CAPACITANCE | NONE OF THE ABOVE 2 SELF-INDUCTION NEARLY 30° ELECTRIC FIELD |