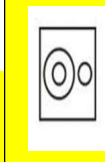
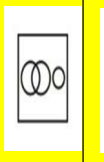
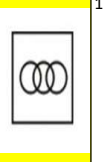
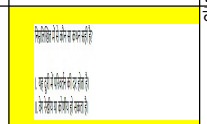
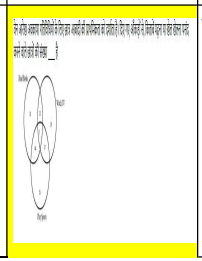
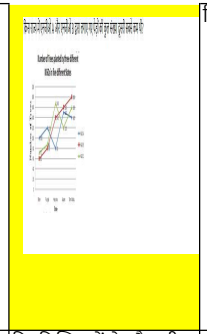
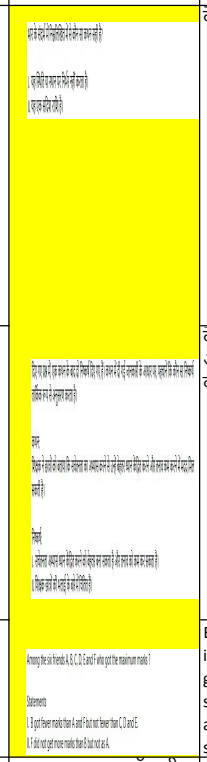
Candidate ID	Objections. Question	QUESTION PAPER NAME	BATCH	Complete Questions	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Objections Correct Alternate	Objections Objection Type	Remark VALID / INVALID	SME Explanation	REFERENCE LINK	
RRCALP1769	RRCELEC120	RRC SER	1	नाली वायरिंग की मुख्य विशेषता क्या है?	तारों को चीनी मिट्टी के क्लीट्स द्वारा समर्थित किया जाता है	तार एक स्टील पाइप में घिरे होते हैं	तारों को रबर शीथिंग से इंसुलेटेड किया जाता है	तार सीधे दीवारों पर लगाए जाते हैं	2	नाली वायरिंग में स्टील पाइप का उपयोग नही बल्कि पीवीसी पाइप का उपयोग किया जाता हैं इसे सीधे दीवार में लगाया जाता हैं	Invalid	v. Conduit Wiring As the name indicates **"Conduit Wiring"** mean the wires are enclosed in steel pipe known as **" Conduit."** When this conduit is coated with enamel is known as black conduit and when galvanized it is known as galvanised conduit, to protect the pipe from corrosion and insulation damage to wires. There are three types of conduit wiring mostly in use. a) Concealed Wiring: In this wiring system, the conduits are embedded into the		
RRCALP1488	RRCELTR128	RRC SER		What does Ohm's Law state?	Current is inversely proportional to voltage	Voltage is directly proportional to current.	Voltage is directly proportional to current and inversely proportional to resistance	Current is directly proportional to resistance	3	Voltage is directly proportional to Current and Resistance	Invalid	(V) is directly proportional to current (I) and inversely proportional to resistance (R).**Reference: "Electrical Engineering" by V.K. Mehta, Chapter 2. OR' Ohm's Law states the relationship between voltage (V), current (I), and resistance (R) in an electrical circuit. It is mathematically expressed as:** **V=I×R** **This means:** **Voltage (V) is directly proportional to current (I). If the voltage increases, the current also increases, provided the resistance remains constant.** **Voltage (V) is inversely proportional to resistance (R). If the resistance increases, the current decreases, provided the voltage remains constant.** **Thus, Ohm's Law expresses that voltage is directly**		
RRCALP1488	RRCELTR123	RRC SER		The primary function of a capacitor in an AC circuit is to:	Store energy	Block DC and allow AC	Provide feedback	Increase current	2	Primary function of Capacitor in an AC circuit is to store Energy.	Invalid	**pass through due to their reactive impedance.** **Reference: "Basic Electrical Engineering" by V.K. Mehta, Chapter 9. OR In an AC circuit, a capacitor primarily functions to block DC (direct current) and allow AC (alternating current) to pass through. This happens because a capacitor charges up to the DC voltage and then blocks any further DC current. However, in an AC circuit, the capacitor continuously charges and discharges as the current alternates, allowing AC to pass through.**		
RRCALP1488	RRCELTR106	RRC SER		Which of the following logic gates gives an output of 1 when both inputs are different?	AND Gate	OR Gate	XOR Gate	NOR Gate	3	OR Gate also gives an output of 1 when both inputs are different.	Invalid	**Answer: c) XOR Gate** **Explanation: An XOR (exclusive OR) gate gives an output of 1 when the two inputs are different.** **Reference: Digital Electronics by B.S. Sonde, Chapter 2.** **https://www.geeksforgeeks.org/xor-gate/** Truth Table A (Input 1) | B (Input 2) | X = A'B + AB' 0 | 0 | 0 0 | 1 | 1 1 | 0 | 1 1 | 1 | 0 *XOR Gate Logic Symbol and Truth Table*		
RRCALP1682	RRCELEC104	RRC SER		यदि ट्रांसफार्मर की प्राथमिक कुंडली में घुमावों की संख्या दोगुनी कर दी जाए, तो द्वितीयक कुंडली में वोल्टेज:	अपरिवर्तित।	दोगुना हो गया है।	आधा कर दिया गया है।	चौगुना हो गया है।	3	Wrong entry	Invalid	**Answer:** c) Is halved.**Explanation: The voltage across the secondary coil is directly proportional to the ratio of the turns in the primary and secondary coils. If the primary turns are doubled, the secondary voltage will be halved.** 32.7 Voltage Transformation Ratio (K) From equations (*i*) and (*ii*), we get $\frac{E_2}{E_1} = \frac{N_2}{N_1} = K$		

RRCALP0544	RRCMECH116	RRC SER		पिस्टन पर स्कर्ट की स्थिति क्या है?	पिस्टन के शीर्ष पर	पिस्टन के सबसे निचले भाग पर	पिस्टन के बीच में	पिस्टन के किनारों पर	2	In the middle of the piston.	Invalid	Skirt Skirt is the lowest portion of the piston. It works as a guide to the piston in the bore and enables the piston to move in a straight line. The skirt has the least clearance with the liner. The piston to liner clearance is measured at the skirt.	https://bharatskills.gov.in/pdf/E_Books/CTS/15/Hindi/TT/Mechanic%20Desisel%20-%20TT%20-	
RRCALP0544	RRCMECH165	RRC SER		यांत्रिक प्रणालियों में घूर्णन गति संचारित करने के लिए निम्नलिखित में से कौन सा घटक उपयोग किया जाता है?	स्प्रिंग	पुली	बियरिंग	शाफ्ट	4	Rotary motion in mechanical system is use In pully	Invalid	The component used to transmit rotary motion in mechanical systems is typically a **shaft**. Bearing and pully are the helping component for this type of transmission. **A Textbook of Machine Design by- R. S. Khurmi. Chapter 14.**	http://103.83.136.203:802/KDK-%20DATA%20CENTER/2.3)%20Knowledge%20Resources%20for%20Library%20Enrichment/E%20bo	
RRCALP0544	RRCMECH113	RRC SER		डीजल इंजन के कम्प्रेशन स्ट्रोक के दौरान सिलेंडर में क्या संपीड़ित होता है?	केवल ईंधन	वायु-ईंधन मिश्रण	निकास गैसें	केवल हवा	4	Cylinder during the compression stroke of a diesel engine compressed in air fuel mixture	Invalid	During the **compression stroke** of a diesel engine, **air** is compressed in the cylinder. **A textbook of internal combustion engine by- R. K. Rajput. Page no. 110.**	https://books.google.com.bd/books?id=UtxI5gXM1yQC&printsec=frontcover#v=onepage&q&f=false	
RRCALP0544	RRCMECH127	RRC SER		कठोर धातुओं की मशीनिंग के लिए एकल-बिंदु काटने वाले उपकरणों में आमतौर पर किस पदार्थ का उपयोग किया जाता है?	यूकोन	सीमेंटेड कार्बाइड	सेरेमिक	उच्च कार्बन स्टील	2	Single point cutting tools for machining hard metals is used for high carbon steel	Invalid	Cobalt serves as a binder between titanium, tungsten, and tantalum carbide, which make up a cemented carbide-cutting tool. Carbide tools are extremely tough and can sustain temperatures up to 1000 degrees.	https://gpmandkola.edu.in/wp-content/uploads/2023/04/CONTENT-WT-II-PPT-4TH-SEM-ME.pdf	https://www.hlc-metalparts.com/news/what-are-the-different-cutting-tools-for-lathe-72989882.html
RRCALP0544	RRCMECH107	RRC SER		सर्क्लिप प्लायर मुख्य रूप से किस प्रकार के कार्य में उपयोग किए जाते हैं?	विद्युत स्थापना	असेंबली कार्य	बढ़ईगिरी	इन्सुलेशन हटाने के लिए	2	Work are circlip pliers primarily used in electrical installation.	Invalid	Circlip pliers are used for fitting and removing circlips in assembly works. Circlip pliers Circlip pliers are used for fitting and removing circlips in assembly works. Internal circlip plier	https://rnsinstituteoftechnology.org/wp-content/uploads/2021/07/Theory-1st-Semester.pdf	
RRCALP1159	RRCELEC160	RRC SER		Which of the following is a key part of regular maintenance in electrical systems?	Cleaning of contact points	Replacing fuses without checking	Ignoring signs of wear and tear	Disconnecting circuits for testing	1	किसी भी पार्ट का रख रखाव या देख भाल करने से पहले इस पार्ट को डिसकनेक्ट करना चाहिए उसके बाद ही हम किसी पुर्जे को साफ सफाई कर सकते है नहीं तो इससे बिजली का झटका लगने खतरा बना रहेगा। पहले सावधानी जरूरी है तभी हम किसी पार्ट को साफ सफाई के	Invalid	**Answer:** Cleaning of contact points**. Explanation: Regular cleaning of contact points is crucial to maintain the efficiency and safety of electrical systems.Reference: "Electrical Maintenance and Calibration" by A.K. Sharma, Chapter 10.**		
RRCALP1159	RRCELEC119	RRC SER		What is another name for the Tough Rubber Sheathed Wiring system?	Cleat Wiring	Conduit Wiring	Batten Wiring	Surface Wiring	3	CTC वायरिंग या TRS वायरिंग या cleat वायरिंग तीनों एक ही प्रकार के वायरिंग है जो कि ऑप्शन में Batten वायरिंग दिया है जो को गलत है इसका सही उत्तर Cleat वायरिंग होगा	Invalid	iii. Tough Rubber Sheathed Wiring (TRS or CTS) or Batten Wiring This wiring also known as batten wiring system, in which Tough Rubber sheathed or Cab Type sheathed wires are used. The batten is prepared from seasoned teakwood. The minimum thickness of batten should not be less than 13 mm. In domestic wiring normally used width is 13, 19, 25, 31, 44 and 50 mm and is suitable for 2, 3, 4, 5, 6 and 7 wires, respectively.		

RRCALP11 59	RRCELEC121	RRC SER		How are the phase wires connected in the domestic wiring system?	Through the neutral link	Directly to the energy meter	To the I.C.D.P. main switches	Through fuse links	4	घरों की प्राथमिक वायरिंग में I.C.D.P switch ka प्रयोग किया जाता है क्योंकि इसमें न्यूट्रल और मैन वायर दोनों जिसे होते है जिसमें fuse लगा हुआ रहता है कोई भी समस्या आने पे पहले वहा ही बंद किया जाता है या फिर fuse उड़ जाता है इसलिए अलग से fuse लगाने के जरूरत नहीं है। इसलिए। इसका सही उत्तर I.C.D.P switch का प्रयोग किया जाता है जो कि answer	Invalid	G.I. pipe is used to enclose the service cable. This pipe is fixed on the wall, with the help of saddles, gutties and wooden screws and it should be so selected that the weatherproof cable is easily pulled into the pipe without damage to the insulation of the cable. The service cable is made to enter the building through the pipe and connects the main board for connecting the three-phase energy meter. The output of the energy meter is controlled through the I.C.T.P. main switch. The phase wires are connected the fuse links whereas the neutral wire is directly connected to the neutral link. The output of this I.C.T.P. main switch (one phase and neutral) is distributed through the single-phase I.C.D.P. main switches, which acts as main control switch for a room or for a power point.		
RRCALP18 74	RRCELTR13	RRC SER		[illegible]	12	22	11	24	2	Minimum multiple number is 11	Invalid	If n=1, then the value of equation is 22. If n=2, then the value of equation is 1672. If n=3, then the value of equation is 97966. All values are divisible by 22 so the equation is the multiple of 22 for all integer values of n.		
RRCALP14 34	RRCELTR82	RRC SER		The product of the mass and the velocity is known as ?	Momentum	Force	Power	Energy	1	in english is given momentum and hindi me velocity(gati)	Invalid	Momentum is a fundamental concept in physics that quantifies the motion possessed by an object. It is defined as the product of an object's mass and velocity.The formula to calculate momentum is:		
RRCALP04 92	RRCMECH168	RRC SER		CNC मशीनिंग में, G-कोड किसे नियंत्रित करता है?	मशीन की गति	औजार चयन	मशीन मूवमेंट	विद्युत आपूर्ति	3	More than option are correct	Invalid	G-code controls the movement and positioning of the tool in CNC machining. **Manufacturing Processes by P.C. Sharma, Chapter 9.**	https://www.steckermachine.com/blog/g-code-and-m-code-programming#:~:text=Simply%20put%2C%20G%	
RRCALP03 09	RRCMECH146	RRC SER		Which error can occur when a micrometer is over-tightened?	Parallax error	Reading error	Material deformation	Zero error	3	Wrong answer	Invalid	Reading error is not the correct answer in this case because reading error refers to mistakes in interpreting the scale or micrometer reading, often due to parallax or human error, rather than mechanical issues caused by over-tightening. **Workshop Practice by Chapman, Chapter 10.**	https://www.linkedin.com/pulse/most-common-mistakes-people-make-when-using-micrometer-	
RRCALP03 09	RRCMECH166	RRC SER		Which type of strain is produced when a material is stretched?	Tensile strain	Compressive strain	Shear strain	Bending strain	1	Given answer wrong	Invalid	Tensile strain is the relative length of deformation exhibited by a specimen subjected to a tensile force.	https://www.sciencedirect.com/topics/materials-science/tensile-strain#:~:text=Tensile%20strain%20is%20the%20r	
RRCALP18 76	RRCELEC82	RRC SER		द्रव्यमान और वेग के गुणनफल को क्या कहते हैं?	गति	बल	शक्ति	ऊर्जा	1	this is a momentum formula but all option are	Invalid	There is factual difference between Hindi and English translation but as per Exam guidelines if difference arrises between english and Hindi, We will consider English language.		
RRCALP11 35	RRCELTR134	RRC SER		Which of the following technologies is most commonly used in modern televisions?	CRT	LCD	LED	Plasma	3	LED and LCD both are used commonly in television	Invalid	**Explanation:** LED technology is widely used in modern televisions due to its energy efficiency, better brightness, and thin design.**Reference: "Electronic Devices and Circuits" by P. S. Bimbhra, Chapter 8.**		
RRCALP11 35	RRCELTR34	RRC SER		[illegible] Rectangle, Square, Hexagon					1	square can be a rectangle	Invalid	Square and Rectangle both has four sides but squre have specific property that all equal sides. So square comes inside the rectangle. But Hexagon has six sides so it will separate.		

RRCALP0081	RRCMECH97	RRC SER		अक्टूबर 2024 में, निम्नलिखित में से किस राज्य ने मवेशियों के लिए बीमा योजना शुरू की है?	बिहार	उतार प्रदेश	असम	केरल	4	Bihar recently announce animal insurance policy	Invalid	Minister for Animal Husbandry & Dairy Development J. Chinchurani inaugurated a free insurance protection scheme for the cattle of dairy farmers in the State provided by Kerala Feeds.	https://www.thehindu.com/news/national/kerala/insurance-scheme-will-be-implemented-for-all-cattle-in-the-state-j-chinchurani/article68783754.ece#:~:text=Chinchura	
RRCALP0380	RRCMECH140	RRC SER		What is the basic form of a hydraulic check valve?	A pressure regulator valve	A valve with a ball poppet or cone	A valve with adjustable spring	A valve that controls temperature	2	Hydraulic check valve is a pressure	Invalid	A hydraulic check valve consists of a valve body and a spring-biased ball poppet or cone poppet, apart from inlet/outlet ports. The spring holds the poppet	https://rnsinstituteoftechnology.org/wp-content/uploads/2021/0	
RRCALP0854	RRCMECH67	RRC SER			केवल I	केवल II	I तथा II दोनों	ना ही I ना ही II	2	दूरी में परिवर्तन की दर को वेग कहते है ।	Invalid	**Statement 1**: It is the rate of change of distance. This statement is referring to speed, not velocity. Velocity is the rate of change of displacement, which is a vector quantity. Distance is a scalar quantity (only magnitude). Therefore, this statement is incorrect when referring to velocity		
RRCALP0854	RRCMECH38	RRC SER		समाचार पत्र : प्रेस : : कपड़ा : ?	चक्की	दर्जी	रेशा	कारखाना	1	समाचारपत्र प्रेस में छपता है तो कपड़ा कारखाना में बनता है।	Invalid	Mill is the specific word used for cloth material but factory is general word for any manufacturing material. What is a Textile Mill? A textile mill is a factory or facility that produces textiles from yarn or fabric into usable textiles. Some of these various textiles include apparel, furniture, agriculture, auto, marine, and other industries. Textile mills usually use a multi, or single, step manufacturing process to produce a product. In this blog, I'd like to define the various processes that these textile mills use to produce a usable textile.		
RRCALP1021	RRCMECH149	RRC SER		In face milling, which factor primarily	Workpiece material	Spindle power	Workpiece width	Cutting speed	3	Option A should be	Invalid	The cutter diameter should be chosen to adequately cover the workpiece width for efficient material removal.	Workshop Technology Vol. II by Raghuwanshi, Chapter	
RRCALP0651	RRCMECH110	RRC SER		हीरे के बाद दूसरा सबसे कठोर पदार्थ कौन सा है?	सिलिकन कार्बाइड	कोबाल्ट	घन बोरान नाइट्राइड	टाइटेनियम	3	Silicon carbide	Invalid	cubic boron nitride is still, at best, just the world's second hardest material with a Vickers hardness of around 50 GPa.	https://www.cam.ac.uk/research/discussion/opinion-harder-than-diamond-have-scientists-really-found-something-tougher-than-natures-invincible	
RRCALP0651	RRCMECH167	RRC SER		यांत्रिक प्रणालियों में लंबी दूरी तक शक्ति संचारित करने के लिए निम्नलिखित में से कौन सा सामान्यत: उपयोग किया जाता है?	चेन	बेल्ट	गियर	शाफ्ट	2	Chen	Invalid	When the distance between the shafts is large, belts or ropes are used and for intermediate distance chains can be used. 3.2 POWER TRANSMISSION DEVICES Power transmission devices are very commonly used to transmit power from one shaft to another. Belts, chains and gears are used for this purpose. When the distance between the shafts is large, belts or ropes are used and for intermediate distance chains can be used. For belt drive distance can be maximum but this should not be more than ten metres for good results. Gear drive is used for short distances. 3.2.1 Belts	https://gpbalasore.org.in/wp-content/uploads/2018/11/Theory-of-Machine_4th-Sem_Er.-Geetanjali-Mardi_Mob-7504563059.pdf	
RRCALP0651	RRCMECH172	RRC SER		निम्नलिखित में से कौन सा प्रकार का बियरिंग उच्च गति वाली मशीनरी में	जर्नल बियरिंग	बॉल बियरिंग	स्लीव बियरिंग	रोलर बियरिंग	2	Sleeve bearing	Invalid	Ball bearings are used in high-speed machinery due to their low friction and high precision. **Mechanical Engineering Design by J.E. Shigley, Chapter 5.**	https://www.automotive-technology.com/articles/	
RRCALP0651	RRCMECH130	RRC SER		टी-स्क्वायर के दो भाग कौन से हैं?	ब्लेड और हैंडल	ब्लेड और पैमाना	फ्रेम और स्टॉक	स्टॉक और ब्लेड	4	Frame and stock	Invalid	A T-square is made up of hard-quality wood. It consists of two parts - the stock and the blade - joined together at right angles to each other by means of screws and pins. **ENGINEERING DRAWING BY N.D BHATT.**	https://soaneemrana.com/onewebmedia/ENGINEERING%20DRAWING%20BY%20N.D%20BHATT.pdf	
RRCALP0651	RRCMECH174	RRC SER		सी.एन.सी. मशीनिंग का प्राथमिक उद्देश्य क्या है?	संचालन में मैनुअल भागीदारी को	कंप्यूटर का उपयोग करके मशीन टूल्स	पारंपरिक उपकरणों को मैनुअल	बिना नियंत्रण के यादृच्छिक डिज़ाइन बनाना	2	A	Invalid	CNC machining uses computers to control machine tools such as lathes, mills, and grinders for efficient and automated manufacturing.	https://home.iitk.ac.in/~nsinha/CNC.pdf	

RRCALP0651	RRCMECH17151	RRC SER		रैंकाइन चक्र में, कार्यकारी द्रव्य क्या होती है?	हवा	पानी	नाइट्रोजन	कार्बन डाइऑक्साइड	2	Nitrogen	Invalid	Water is used as the working fluid in the Rankine cycle for power generation. **Thermodynamics by P.K. Nag, Chapter 12.** 	https://soaneemrana.com/onewebmedia/Thermodynamics%20by%20PK%20Nag.pdf	
RRCALP0651	RRCMECH16251	RRC SER		वाष्प-संपीड़न शीतलन प्रणालियों में निम्नलिखित में से कौन सा सामान्यत:	कार्बन डाइऑक्साइड	R-134a	नाइट्रोजन	ऑक्सीजन	2	A	Invalid	R-134a is widely used as a refrigerant in vapour-compression refrigeration systems due to its low environmental impact.	https://www.daikin-solutions.com/resources/ck/files/Refrigerant%20	https://www.aec.edu.in/aec/Instruction_Material/UNIT%202%20R&AC
RRCALP0651	RRCMECH10151	RRC SER		निम्नलिखित में से कौन सा हथौड़ा विशेष रूप से ठंडी छेनी और रिवेट्स पर प्रहार करने के लिए डिज़ाइन किया गया है?	क्लौ हथौड़ा	सॉफ्ट-फेस्ड हथौड़ा	बॉल पीन हथौड़ा	स्लेज हथौड़ा	3	B	Invalid	A ball pein head is used to spread metal in all directions. This hammer has a semi-spherical pein suitable for riveting. It is used for shaping the cylindrical end of a metal rivet to form a rivet head. **Ball pein hammer (Fig. 8)** A ball pein head is used to spread metal in all directions. This hammer has a semi-spherical pein suitable for riveting. (Fig. 9) It is used for shaping the cylindrical end of a metal rivet to form a rivet head.	https://rnsinstituteoftechnology.org/diesel-mech-e-learning/	https://bskillforum.bharatskills.gov.in/DashBoadUpload/25AugYYY0908SSHammer-1.pdf
RRCALP1053	RRCMECH15353	RRC SER		निम्नलिखित में से कौन सा पदार्थ तन्य (डक्टाइल) माना जाता है?	कास्ट आयरन	स्टील	कांच	कंक्रीट	2	More then options correct	Invalid	wires without breaking while when we will apply tensile force on other materials then it will break without elongaton then those are brittle.	Strength of Materials by R.K. Bansal, Chapter 2.	https://www.isibang.ac.in/~library/onlinerz/resources/Enghandbook.p
RRCALP0371	RRCMECH13871	RRC SER		कौन सा नियम एक कंप्रेसर के संचालन में दाब और आयतन के बीच संबंध का वर्णन करता है?	न्यूटन का नियम	ओम का नियम	बॉयल का नियम	चार्ल्स का नियम	3	Compressor के संचालन में pressure और volume के बिच सम्बन्ध को chalr's law में Explain किया गया है जो कि मैने answer किया है जबकि BOARD के द्वारा answer बॉयल लॉ दिया गया है ।	Invalid	The relation between pressure and volume of a gas is given by Boyle's law. It states that: "At constant temperature, the volume of a given mass of gas is inversely proportional to the absolute pressure. **Boyle's law** The relation between pressure and volume of a gas is given by Boyle's law. It states that: "At constant temperature, the volume of a given mass of gas is inversely proportional to the absolute pressure." Let V_1 is the volume of a gas at pressure p1. When this gas is compressed to a volume V_2 then the pressure will rise to a value of P_2. Mathematically,	https://rnsinstituteoftechnology.org/wp-content/uploads/2021/07/Theory-1st-Semester.pdf	
RRCALP0371	RRCMECH12271	RRC SER		शीतलक नली आमतौर पर किस पदार्थ से बनी होती हैं?	इस्पात	सिंथेटिक रबर	प्लास्टिक	ताँबा	2	शीतलक नली आमतौर पर तांबा की बनी होती है जो कि मैने answer दिया है जबकि BOARD के द्वारा इसका answer सिंथेटिक रबर दिया है	Invalid	Colant hoses Hose pipes It is made of synthetic rubber. Colant hoses Hose pipes It is made of synthetic rubber 1. Upper hose: It is connected between the cylinder head and radiator upper tank. 2. Lower hose: It is connected between the cylinder block as radiator lower tank. 3. Bypass hose: It is connected between the cylinder head coolant/water outlet and water pump intake side.	https://rnsinstituteoftechnology.org/wp-content/uploads/2021/07/Theory-2nd-Semester.pdf	
RRCALP0371	RRCMECH30	RRC SER			44	51	79	108	4	इस प्रश्न में दिए गए चित्र के अनुसार किताबें पढ़ने या खेल पसंद करने वाले लोगों कि संख्या 44 होनी चाहिए जो कि मैंने answer किया है जबकि BOARD के द्वारा इसका answer	Invalid	Total number of students who reads books= 13+12+7+44=76. Students who plays sports other than reads books= 15+17=32. Then number of students who like to read books or play sports are = 76+32 = 108.		

RRCALP0371	RRCMECH3571	RRC SER			बिहार	पंजाब	हरयाणा	असम	2	इस प्रश्न में अंकित किए गए अक्षर और संख्या साफ साफ नहीं दिखाई दे रहे है जिस कारण से इस प्रश्न का हल नहीं हो पाया ।	Invalid	Number of trees planted by NGO-A and NGO- B in different states are- Bihar = NGO-A + NGO-B = 100+60 = 160. Punjab = NGO-A + NGO-B = 120+80 = 200. Haryana = NGO-A + NGO-B = 80+140 = 220. Assam = NGO-A + NGO-B = 150+160 = 310. Tamil Nadu = NGO-A + NGO-B = 140+180 = 320. Then the second lowest value among all is 200 which is related to Punjab. Then the correct answer is Punjab.		
RRCALP0371	RRCMECH7471	RRC SER		निम्नलिखित में से कौन सी ग्रीनहाउस गैस नहीं है?	मीथेन	ऑक्सीजन	जल वाष्प	कार्बन डाईऑक्साइड	2	इस प्रश्न के कथन अनुसार हल करने पर तीसरी सबसे बड़ी संख्या 684 होगी जो कि मैंने answer किया है जबकि BOARD के द्वारा इसका answer 572 दिया गया है जो कि दूसरी बड़ी संख्या होगी।	Invalid	Greenhouse gases are those gases in the Earth's atmosphere that trap heat, contributing to the greenhouse effect and global warming. The common greenhouse gases include: CH_4 (Methane): A potent greenhouse gas that traps heat in the atmosphere. H_2O vapour (Water vapour): It is also a significant greenhouse gas, as it traps heat and plays a crucial role in regulating the Earth's temperature. CO_2 (Carbon dioxide): Another important greenhouse gas that is a major contributor to global warming, especially due to human activities like burning fossil fuels. However, O_2 (Oxygen) is not a greenhouse gas because it does not absorb or emit infrared radiation in a way that would contribute to the greenhouse effect. While oxygen is essential for life		
RRCALP1615	RRCELTR6115	RRC SER			केवल I.	केवल II.	I तथा II दोनों	ना ही I ना ही II.	2	Weight is depends on place. Because formula of weight is w=mg .and the value of g changes according to location. Value of g at pole is greater then equator.	Invalid	I. It does not depend on the position or space. This statement is incorrect. Weight is the force exerted by gravity on an object, and it depends on the gravitational field strength, which can vary depending on the position (e.g., weight is different on the surface of the Earth compared to the Moon or at different altitudes on Earth). II. It is a vector quantity. This statement is correct. Weight is indeed a vector quantity because it has both magnitude and direction. The direction of weight is always towards the center of the gravitational body (e.g., towards the Earth). Therefore, the correct statement regarding weight		
RRCALP1588	RRCELEC4888	RRC SER			केवल I. अनुसरण करता है	केवल II. अनुसरण करता है	I तथा II दोनों अनुसरण करते हैं	ना ही I ना ही II. अनुसरण करता है	3	Only 1 st conclusion is right	Invalid	Conclusion I: This conclusion logically follows from the statement. The teacher explicitly states that practicing mindfulness can help with focus and stress reduction, which supports the idea that mindfulness practices can indeed improve focus and reduce stress. Conclusion II: This conclusion can also be inferred from the statement. By telling the students about the benefits of mindfulness, it suggests that the teacher is concerned about their well-being, as the teacher is providing them with tools to manage stress and improve focus.		
RRCALP0946	RRCMECH2846	RRC SER			Both the information given in the statement I and II are sufficient to	The information given in the statement II is sufficient to answer	Either the information given in the statement I or in II is not sufficient to	Both the information given in the statements I and II are not sufficient to	1	Both statement not sufficient are Contradict each other	Invalid	Both the information given in the statement I and II are necessary to give the answer and with these two statements we can calculate who got maximum marks i.e A. Means A got the maximum marks. Then the correct alternate is 1		
RRCALP1849	RRCELEC1849	RRC SER		एक आयताकार प्लॉट की लंबाई उसकी चौड़ाई से 20 मीटर अधिक है। यदि प्लॉट	40	50	60	120	3	Missing Data in Hindi Language	Invalid	Yes, One data is missing in hindi language but according to our given instruction and terms. The final consideration will be english content and		

RRCALP1550	RRCELEC137	RRC SER		निम्नलिखित में से कौन सी घटना ट्रांसफार्मर के कार्य में शामिल है?	पारस्परिक प्रेरण	प्रतिरोध प्रेरण	स्व प्रेरण	तापीय प्रेरण	1	It is only A.C. Works at D.C. But no. It works on Faraday's principle of electromagnetic induction. This A.C. Does not change the power and	Invalid	**Working principle** The transformers work on the principle of mutual induction of Faraday's law of electro - magenetic induction.	https://bharatskills.gov.in/pdf/E_Books/Electrician_1st_Year_(Volume_II_of_II)_TT.pdf	
RRCALP1550	RRCELEC135	RRC SER		शेल-प्रकार के ट्रांसफार्मर किस प्रकार के ट्रांसफार्मर के रूप में व्यापक रूप से उपयोग किए जाते हैं?	वोल्टेज और बिजली ट्रांसफार्मर	करेंट ट्रांसफार्मर	उच्च आवृत्ति ट्रांसफार्मर	केवल स्टेप-अप ट्रांसफार्मर	1	Transformer (Shell type Transformer): b) Shell type In this type of transformer,	Invalid	Answer: Voltage and power transformers sections/limb of core. (Fig 1 in chart 1) • **Shell type transformers**: In this type, both the primary and the secondary windings are wound on the same section/limb of the core.These are widely used as voltage and power transformers. (Fig 2 in chart 1) • **Ring type transformers**: In this, the core is made up	https://bharatskills.gov.in/pdf/E_Books/Electrician_1st_Year_(Volume_II_of_II)_TT.pdf	
RRCALP1550	RRCELEC144	RRC SER		एक संचार प्रणाली में, एंप्लीटूड मॉड्यूलेशन (AM) का उपयोग किसके लिए किया जाता है?	संकेत की आवृत्ति को बदलने के लिए	संकेत के आयाम को बदलने के लिए	संकेत के चरण को बदलने के लिए	संकेत की बैंडविड्थ को कम करने के लिए	2	What is the need for modulation in communication system? Modulation is a widely used process in communication	Invalid	Answer: b) Vary the amplitude of the signal Explanation: In AM, the amplitude of the carrier signal is varied in proportion to the message signal, which is used for transmitting information. Reference: "Communication Systems" by A. B. Carlson, Chapter 7.		
RRCALP1550	RRCELEC105	RRC SER		धारा मापने के लिए एमीटर को परिपथ से किस प्रकार जोड़ा जाता है?	भार के समानांतर	भार के साथ श्रृंखला में	वोल्टेज स्रोत के समानांतर	वोल्टमीटर के साथ श्रृंखला में	2	To measure current, an ammeter is connected in series in an electric circuit: • Ammeter is a device for measuring electric current	Invalid	Correct Answer: In series with the load Explanation: An ammeter is used to measure the electric current and must be connected in series with the load because current is the same at every point in a series circuit.		
RRCALP1550	RRCELEC168	RRC SER		एक इंडक्शन मोटर की प्राथमिक विशेषता क्या है?	इसमें एक स्थिर चुंबक होता है	इसमें रोटर विंडिंग होती है	यह विद्युत चुम्बकीय प्रेरणा के सिद्धांत पर काम करता है	यह केवल निम्न गति अनुप्रयोगों में उपयोग होता है	3	Due to the relative velocity between the rotating stator flux and the rotor, the rotor rotates in the direction of the stator flux to minimize the relative velocity. This is the basic	Invalid	Answer: It operates on the principle of electromagnetic induction.Explanation: Induction motors operate on the principle of electromagnetic induction, where the rotor is induced by the magnetic field created by the stator.	https://www.campuscomponent.com/blogs/post/all-about-induction-motors-types-applications?srsltid=AfmBOooXnhjOQNv_ENqD4iJpjHcDEwYpZaLTeyGhRJBdX6ClxW7OgjKm	
RRCALP1810	RRCELEC152	RRC SER		फ्रिक्वेंसी मॉड्यूलेशन (FM) में, वाहक सिग्नल की आवृत्ति निम्न के अनुसार परिवर्तित होती है:	संदेश सिग्नल के आयाम के अनुसार	संदेश सिग्नल के चरण के अनुसार	संदेश सिग्नल की आवृत्ति के अनुसार	दिए गए विकल्पों में से कोई नहीं	3	वाहक आवृति मॉड्यूलन सिग्नल आयाम के अनुसार परिवर्तित होती है	Invalid	Answer: c) The frequency of the message signal.Explanation: In Frequency Modulation (FM), the frequency of the carrier signal is varied in proportion to the frequency of the message signal.	https://www.sciencedirect.com/topics/computer-science/frequency-modulation	
RRCALP1810	RRCELEC113	RRC SER		DCS (वितरित नियंत्रण प्रणाली) की मुख्य विशेषता क्या है?	वे घटना-संचालित हैं।	वे राज्य आधारित हैं।	वे रजिस्टर स्कैनिंग का उपयोग करते हैं।	वे राज्यों के परिवर्तन के आधार पर प्रक्रिया करते हैं।	2	Option 2 or 4 dono ho skta h	Invalid	**Answer:** They are state-based. Conversely, DCS systems are process control systems that are state based and consider the process variable's present and past states to be the main criteria driving the DCS. PLC protocols are generally register scanning based, with no specific change of state processing provided.		

RRCALP1810	RRCELEC123	RRC SER		प्रशीतन प्रणाली में बाष्पीकरणकर्ता का प्राथमिक कार्य क्या है?	रेफ्रिजरेंट को संपीड़ित करने के लिए	रेफ्रिजरेंट को संघनित करने के लिए	रेफ्रिजरेंट को प्रसारित करने के लिए	प्रशीतित स्थान से ऊष्मा को अवशोषित करें	4	Option 2 is correct	Invalid	Answer: absorb heat from the refrigerated space . Figure 7.3 : A Vapour Compresson Refrigeration System Evaporator Heat is gained by the refrigerant in the evaporator. The product is cooled. The amount of heat lost by the product is called *refrigeration effect* (H_1). This refrigerating effect is used to define the capacity of the refrigerating system.		
RRCALP1810	RRCELEC118	RRC SER		अवशोषण प्रशीतन प्रणाली में, अवशोषक में मिश्रण प्रक्रिया के परिणामस्वरूप क्या उत्पन्न होता है?	सूखा NH_3 वा	एक मजबूत NH_3	पानी और NH_3	रेफ्रिजरेंट गैस		मिश्रण प्रक्रिया में ानी और अमोनिया गैस उत्पन होती है	Invalid	Answer: A strong NH3 solution **7.6 ABSORPTION SYSTEM** The first machine of this type was built in 1859. The system employed an ammonia/water solution. Another mixture of lithium bromide and water is also being employed now. NH_3/water absorption refrigerant system is successfully used in small refrigerators and chillers. The system consists of an *absorber* A in which dry NH_3 vapour and weak NH_3 solution in water mix to produce strong NH_3 solution.		
RRCALP1994	RRCELEC155	RRC SER		निम्नलिखित में से कौन सा आधुनिक एसी प्रणालियों में सामान्यत: उपयोग किया जाने वाला रेफ्रिजरेंट है?	R-12	R-22	R-134a	R-410A	4	Google search के अनुसार :- R22 उत्तर दिखा रहा है/	Invalid	**Answer:** R-410A.**Explanation: R-410A is a commonly used refrigerant in modern air conditioning systems due to its efficiency and environmentally friendly properties.**	https://en.arefsogutma.com/blog-detay/r-410a-refrigerant-properties-and-applications	
RRCALP0351	RRCMECH32	RRC SER		[illegible]	केवल निष्कर्ष I अनुसरण करता है	केवल निष्कर्ष II अनुसरण करता है	या तो I या II अनुसरण करता है	न तो I और न ही II अनुसरण करता है	3	In this question,Answer of this question is taken wrong by railway of options C but correct answer of this question is	Invalid	This is the question related to logical reasoning. In this question Statement is Lawyers married with only fair girls and shobha is fair. But Due to this statement we can not justify surely that Shobha married to layer or not. Then it may be possible that Shobha married to lawyer or not. So alternative 3 is the correct answer		
RRCALP0351	RRCMECH22	RRC SER		एक पिता तथा उसके पुत्र की वर्तमान आयु का योग 88 वर्ष है। वर्तमान से 8 वर्ष पूर्व उनकी आयु क्रमशः 2 : 1 के अनुपात में थी। वर्तमान से 7 वर्ष पश्चात पिता तथा पुत्र की आयु का क्रमशः अनुपात क्या होगा?	13 : 21	21 : 13	17 : 21	23 : 27	2	In this question, Answer of this question is taken by railway option A which is wrong, Correct answer of this question is Option C.	Invalid	When we will solve this question then we will found that we gets the age of father after seven years will be 63 years and and age of son after seven years will be 39. then the ratio between age will be 21:13. so alternative 2 will be the correct answer.		