Jok	Role: Mine E	lectricia	an						
S.									Diffulty
N		PC							Level
0.	NOS Code	Code	Question	Option A	Option B	Option C	Option D	Answer	(E/M/H)
			Discussion with Electrical Supervisor is						
1	MIN/N 0446	PC1	necessary for understanding the work	No	Yes	Not sure	None of these	В	E
			To understand the work instructions	Knowledg	Ability to plan and				
		PC1	electrician should have	e of work	prioritise the work	Communication skill	All of these	D	E
		PC1	As per Ohm's law	V=R	R=I/V	R=V/I	V=I/R	С	Е
		PC1	Bit of soldering iron is made of	Copper	Nicrome	Carbon	Iron	Α	Е
			AC supply frequency in India						
		PC1	isHz	40	50	60	70	В	E
			In any DC circuit, resistance is 5 ohms and						
			voltage is 10 volts then current flow will						
		PC1	be	4	50	2	5	С	M
			Connected with general mass of earth in						
			such manner as to ensure at all times an						
			immediate discharge of electricity						
		PC1	without danger.	Earthed	Connected with earth	Both A&B	None of these	С	M
			It shows how the electrical cables are						
			connected and also shows where the	Dhoriani					
		PC2	fixtures, equipments etc. are connected	Physical	Flooring Love ve	N4:na mlan	Nama af thasa		E
		PCZ	to the system  A pictogram used to represent various	Layout	Electrical Layout	Mine plan	None of these	В	E
			electrical or functions, such as wires,						
			batteries, resistors, circuit breakers,						
			motors etc. in a electrical diagram or						
		PC2	layout.	Motor	Symbol	Resistance	Transformer	В	М
				Resistanc				_	
		PC2	Restricts current flow	e	Condenser	Diode	All of these	С	Е
			At about earth potential and						
			disconnected from any live system. It is						
			used only with reference to current						
			carrying parts when these parts are not						
		PC2	live	Live	Dead	Both A&B	None of these	В	Н

		Carranad			1		
	A degree to be appeared with insulating	Covered with					
	Adequately covered with insulating material of such quality and thickness as	insulating	Covered with non				
PC2	to prevent danger	material	insulating material	Both A&B	None of these	Α	М
PCZ	Is usually consists of an enclosure, a	materiai	msulating material	Βυτη Αφρ	None of these	A	IVI
	variety of electrical components and	Electrical					
	often a power switch. Includes any	Equipme					
PC3	machine powered by electricity.	nt	Motor	Diode	None of these	Α	Н
PCS	Is a part of electrical generation,	111	IVIOLOI	Diode	None of these	A	П
	transmission and distribution system.						
	Transforms voltage from high to low or	Electrical					
	the reverse and performs several other	Sub-					
PC3	important functions.	station	Switch Station	Transformer	None of these	Α	М
1 C3	Is an electrical installation of cabling and	Station	Switch Station	Hansionnei	None of these		IVI
	associated devices such as switches,						
	distribution boards, sockets, light fittings	Electrical					
PC3	in a structure et	Layout	Electrical Wiring	Electrical Plan	Circuit Diagram	В	Н
1 03		Layout	Licetifed Willing	Electrical Flam	Circuit Diagram		• • •
DC3	An electrician should know the use of	TDUE	EALCE	Nint acces	Nama af thans	^	_
PC3	measuring instruments	TRUE	FALSE	Not sure	None of these	Α	E
		Low at					
	The new or feeten of environment once	light	Law at haarri laada	1 000 04 4040 d 100 d			
PC4	The power factor of squirrel cage	loads	Low at heavy loads	Low at rated load	All of these	۸	N 4
PC4	induction is	only	only	only	All of these	Α	M
		Improve the					
	Compaitor in culit phase industion material		Inches of the manager				
PC4	Capacitor in split phase induction motor is used to	starting	Improve the power factor	Start the motor	Reduce the harmonics	۸	М
PC4		torque	Tactor		Reduce the narmonics	Α	IVI
	For very sensitive and wide speed control,	Armature		Multiple voltage			
PC4	the preferable control method is	control	Ward- leonard control	control	Field control	В	Н
		Eddy					
	Thin laminations are used in a order to	current					
PC4	reduce	loss	Hyteresis loss	Both A&B	Copper loss	Α	М
	Often refer to a set of documented						
	requirements to be satisfied by a						
	material, design, product or service. It is	Specificat					
PC4	also a type of technical standard	ion	Wiring diagram	Plan	Layout	Α	Н

	Lines are set of wires called conductors,	T					
	that carry electrical power from						
	generating plant to the Sub-stations, that	Transmiss					
PC4	delivers power to the customers.	ion line	Tram Line	Trolley wire	All of these	Α	М
1 04	delivers power to the customers.			Trolley wire	All of these		101
BC4	E 11 ( ( COD	Standard	Standard Operating	C l . CD.	All a Calleran		
PC4	Full form of SOP	of Power	Procedures	Supply of Powre	All of these	В	M
PC4	Which is the bad conductor of electricity	Mica	Copper	Silver	Tin	А	E
BC4	A 1	Maliana	6	Value of Constant			_
PC4	A transformer transforms	Voltage	Current	Voltage & Current	requency	С	Е
	Is a reproduction of a technical drawing						
PC5	or engineering design.	Blue Print	Print	Both A&B	None of these	A	Н
			Determine the				
	Preparing sketches or follow blueprint is	Keep	location of wiring or		6.1		
PC5	necessary to	record	equipment	Both A&B	None of these	В	M
	The sequence of induction motor is RYB,						
	then the direction of induction motor can						
	be changed by which of the following						_
PC5	sequence	BYR	RBY	BRY	All of these	Α	E
		Middle			<b>.</b>		
5.05	5 11 6 6 6 6 6 6 6	Circuit		Miniature circuit	Main line Circuit		_
PC5	Full form of MCB is	Breaker	Main Circuit Breaker	Breaker	Breaker	С	Е
	The primary and secondary winding of a	Electricall					
PC6	transformer are coupled to each other	у	Magnetically	Both A&B	None of these	В	М
	Means with in physical reach without the	Not					
PC6	use of any appliance or special effort	accessible	Accessible	Both A&B	None of these	В	Е
		Failure of					
	Installing under rated electrical	equipme	Equipment shall work				
PC6	equipment may result in	nt	satisfactory	Both A&B	None of these	Α	Е
PC7	Not covered with insulating material	Bare	Cable	Switch	None of these	А	Е
		Squirrel					
		cage					
	Which of the following induction motor	induction	Slipring induction				
PC7	has the highest starting torque	motor	motor	Both A&B	None of these	В	М

	T			, ,					1
			A device capable of making and breaking						
			the circuit under all conditions and unless						
			otherwise specified, so designed as to						
			break the current automatically under						
		PC7	abnormal conditions	Circuit	Motor	Circuit Breaker	Link switch	С	Н
			Any wire, cable, bar, tube, rail or plate						
			used for conducting electricity and so						
			arranged as to be electrically connected						
		PC7	to a system	Motor	Conductor	Starter	Switch	В	Н
			No conductor of an overhead line,						
			including service lines, erected elsewhere						
			than along or across any street shall at a						
			height less thanmetres for lines						
			of voltage upto and including 11000 volts,						
		PC7	if insulated	4	4.6	5	5.2	Α	Н
			A transformer can be connected to DC						
2	MIN/N0447	PC1	supply	Yes	No	Both A&B	None of these	В	Е
				Step up					
		PC1	Auto transformer can do the following	voltage	Step down voltage	Both A&B	None of these	С	М
					Faradays law of				
			The working principle of transformer	Coulombs	electromagnetic				
		PC1	depends on	law	induction	Amperes law	Newtons law	В	Н
		PC1	A transformer is a device	AC	DC	Both A&B	None of these	Α	Е
			Is mainly designed for closing or opening						
			of an electrical circuit, also operates						
			automatically to interrupts the abnormal						
		PC1	or fault current.	Motor	Circuit Breaker	Link switch	All of these	В	М
			Is an electrical machine that converts	Circuit					
		PC1	electrical energy in to mechanical energy	Breaker	Electric Motor	Generator	None of these	В	Е
			Is a strip of bar of copper, brass or						
			alluminium that conducts electricity with						
			in a switchboard, distribution board, sub-						
		PC1	station, battery bank etc.	Busbar	Circuit Breaker	Motor	None of these	Α	М

	T		I				П
	Is a static electrical device that transforms						
	electrical energy between two or more						
	circuits through electromagnetic					_	
PC1	induction	Motor	Transformer	Generator	All of these	В	М
		Electric					
	Is a device that converts mechanical	Generato					
PC1	energy in to electrical power	r	Motor	Transformer	All of these	Α	E
	In case of mines, minimum clearence						
	above ground of overhead lines or						
	overhead cable where dumpers or						
	trackless vehicles are being operated,						
PC1	shall not be less thanmetres	Twelve	Fifteen	Ten	Eleven	Α	Н
	Provision shall be made for suitable oil						
	soakpit where use of more than						
PC1	litres of oil in any one tank	5000	7000	9000	10000	С	Н
	Gas pressure type and winding and oil						
	temperature protection to give alarm and						
	tripping shall be provided on all						
	transformers of rating KVA						
PC2	and above	1000	2000	3000	5000	Α	M
		Run per					
PC2	RPM is	Minute	revolutions per minute	Round per minute	All of these	В	Е
	An electric bulb is rated as 100W, 230V	Avarage					
PC2	AC. The 230V indicates that	Value	Maximum Vaqlue	r.m.s. Value	Mean Value	С	Н
	When short circuit current flow in circuit,						
PC2	current will be	Zero	Very low	Normal	Infinite	D	М
	Which of the following provides						
PC2	protection against overload	Starter	Switch	Isolator	Fuse	D	E
	Rigid or flexible metallic tubing or						
	mechanically strong and fire resisting non						
	metallic tubing into which a cable or						
	cables may be drawn for the purpose of						
	affording it or them mechanical						
PC2	protection	Conduit	Cable	Conductor	All of these	Α	Н

	An arrangment of conductor or						
	conductors for the purpose of conveying						
DC3	electricity and forming a system or a	Ct - ut - u	Cinc. it	Cinavit Duaglas	Link accident	Б.	N 4
PC2	branch of a system	Starter	Circuit	Circuit Breaker	Link switch	В	M
	Power Factor of an inductive circuit is						
PC3	generally improved by connecting	Capacitor	Bulbs	Motor	None of these	Α	М
	Power Factor of an inductive circuit is			Ciale and activities and			
PC3	generally improved by connecting a capacitor in	Corios	Parallel	Either series or	All of these	В	N.4
PC3	'	Series	Parallel	parallel	All of these	В	M
	With the rise in temperature the	Decrease				_	
PC3	resistance of carbon	S	Increases	Remain constant	None of these	Α	Н
		Avarage					
	The Form factor of an alternating electric	value to the r.m.s.	Maximum value to the	r.m.s. Value to the	Maximum value to the		
PC3	current is the ratio of	value	avarage value	avarage value	r.m.s. value	С	Н
1 65	current is the ratio of	Motor	avarage value	avarage value	1.111.3. Value		- ''
		has fixed					
	Why motors are rated in KW/HP instead	power	Power factor of motor	Motor is resistive			
PC3	of KVA	factor	is not fixed	load	None of these	Α	Н
	With rise in temperature the resistance of						
PC3	conductors	Increases	Decreases	Remain constant	None of these	Α	М
	If the number of resistances are						
	connected in parallel then the equivalent	Decrease					
PC4	resistance	S	Increases	Remain constant	None of these	Α	М
		High					
PC4	Ohm's law is not applicable to	voltage	High current	DC circuits	Semi conductor	D	М
		Maximu					
PC4	AC ammeter generally determine the	m value	Avarage value	r.m.s. value	peak to peak value	С	Н
		Maximu					
PC4	AC voltmeter generally determine the	m value	Avarage value	r.m.s. value	peak to peak value	С	Н
	When 10 bulbs are operating in parallel in						
	a AC circuit, if two additional bulbs are						
	operated in parallel with these bulbs the						
PC4	effective resistance of the circuit	Increases	Decreases	Remain same	None of these	В	М
PC4	A voltmeter must always connected in	Series	Parallel	Series parallel	All of these	В	М

			A Amperemeter must always connected						
		PC5	in	Series	Parallel	Series parallel	All of these	Α	М
		1 03	As per CEA (measures relating to safety	361163	raraner	Series parallel	7 til Ol tilese		141
			and electric supply) Regulations 2010,						
			earth fault current shall be limited						
			to in Open Cast mines						
			in installations of voltage exceeding						
		PC5	1100V and upto 11KV	5 ampere	50 ampere	7 ampere	70 ampere	В	Н
		1 03	As per CEA (measures relating to safety	3 dilipere	30 dilipere	7 dilipere	70 dilipere		
			and electric supply) Regulations 2010,						
			earth fault current shall not be more						
			than in below ground						
			mines and oil fields in installations of	900 milli					
		PC5	voltage exceeding 250V and upto 1100V	ampere	750 milli ampere	1 ampere	500 milli ampere	В	Н
				Inverse					
				Definite					
				Minimum					
				Time	Individually driven				
		PC5	IDMT Relay is	Relay	Minimum Time Relay	Both A&B	None of these	Α	Н
			A cable consisting of one or more cores						
			each formed of a group of wires, the						
			diameter and the physical properties of						
			the wires and insulating material being	Flexible					
		PC5	such as to afford flexibility	cable	Cable	Armoured cable	All of these	Α	М
			No conductor of an overhead line,						
			including service lines, erected elsewhere						
			than along or across any street shall at a						
			height less thanmetres for lines						
1			of voltage upto and including 11000 volts,						
		PC5	if bare	5	4.6	5.2	4	В	Н
			On application of 500V DC between each						
			live conductor and earth for a period of						
			one minute the insulation resistance of						
			installation and equipment of voltage not						
			exceeding 650V shall be at least				_		
3	MIN/N0448	PC1	mega ohms	one	two	three	five	Α	Н

		<u> </u>			1		ı
	On application of 2.5kV DC between each live conductor and earth for a period of one minute the insulation resistance of						
	installation and equipment of voltage						
	exceeding 650V but not exceeding 33kV						
PC1	shall be at least mega ohms	three	five	seven	ten	В	Н
		Auto					
		transform					
	Which of following are the starting	er					
PC1	methods of squirrel cage induction motor	starting	DOL starting	Star Delta starting	All of these	D	Е
		Auto					
		transform					
	Which of following is the best way of	er	Stator resistance		Rotor resistance		
PC1	starting a slipring induction motor	starting	starting	Star Delta starting	atarting	D	М
	The advantage of double squirrel cage						
	induction motor over single squirrel cage	Slip is		Starting current is			
PC2	induction motor is that its	large	Efficiency is higher	lower	Power factor is higher	С	Н
		3 phase					
	Which of the following is self starting	induction	1 phase induction				
PC2	motor	motor	motor	Both A&B	None of these	Α	М
	What is the highest possible speed of AC						
	induction motosr excluding universal						
PC2	motors	1500 rpm	3000 rpm	1000 rpm	5000 rpm	В	М
	As compare to DOL starting, a squirrel	More					
	cage induction motor with star delta	starting		Reduced starting			
PC2	starting shall have	torque	More starting time	current	Smoother acceleration	С	Н
		The					
	The basic fonction of transformer is to	power		The level of the			
PC3	change	level	The power factor	voltage	The frequency	С	Е
		Greater		-			
	In a transformer, the frequency of voltage	than					
PC3	at the secondary	primary	Equal to primary	Less than primary	Any of these	В	Е
		Eddy					
		current					
PC3	Transformer core is laminated to reduce	loss	Hysteresis loss	Both A&B	Copper loss	Α	М

		To take					
		up the					
		expansio					
		n of oil					
		due to					
		temperat		For better cooling of			
PC3	Conservator tank is used	ure rise	To act as an oil storage	transformer	All of these	Α	Н
		An	<u> </u>				
PC3	Transformer oil is used as	insulator	A coolant	Both A&B	None of these	С	М
	No conductor of an overhead line,						
	including service lines, erected across a						
	street shall at any part there of be at a						
	height less than metres for line						
PC4	voltage not exceeding 650 volts	6.1	5.8	5.5	6	В	М
	No conductor of an overhead line,						
	including service lines, erected across a						
	street shall at any part there of be at a						
	height less than metres for line						
	voltage exceeding 650 volts but not						
PC4	exceeding 33kV	6.1	5.8	5.5	6	Α	М
	No conductor of an overhead line,						
	including service lines, erected along any						
	street shall at any part there of be at a						
	height less than metres for line						
PC4	voltage not exceeding 650 volts	6.1	5.5	5.8	6	В	М
	No conductor of an overhead line,						
	including service lines, erected across a						
	street shall at any part there of be at a						
	height less thanmetres for line						
	voltage exceeding 650 volts but not						
PC4	exceeding 33kV	5.8	5.5	6.1	6	Α	М
				Interchanging the			
		Reversing	Reversing the	capacitor from			
	Reversing the direction of rotation of split	the	terminals of starting	starting to main			
PC4	phase motor is done by	terminals	winding	winding or vice versa	All of these	D	Н

		of main					
		winding					
D.C.F.	Took amakani'a waad fan	Measurin	Measuring power	Dath ACD	Name of these	^	_
PC5	Techometer is used for	g rpm	factor	Both A&B	None of these	Α	Е
		Measurin				_	_
PC5	Tong tester is uaed for	g voltage	Measuring current	Both A&B	None of these	В	E
	Used to detect whether the system is						
	electrically charged or not in low &				6.1	_	_
PC5	medium voltage	Plair	Line tester	Ampere meter	None of these	В	E
		Direct on		D:			
B.C.F.	E II Comment DOL standard	line	Double operating line	Direct over line	A" - Cib	•	_
PC5	Full form of DOL starter	starter	starter	starter	Aii of these	Α	Е
		Measurin					
		g the					
		insulating		NA a a a comina a tha a			
DCC	Maggaria was difar	resistanc	Manageria a tha accurant	Measuring the	None of these	۸	_
PC6	Megger is used for	e Measurin	Measuring the current	voltage	None of these	A	Е
PC6	Amnoro motor is used for	g the voltage	Mossuring the current	Both A&B	None of these	В	E
PC6	Ampere meter is used for	Measurin	Measuring the current	Βυίπ ΑΔΒ	None of these	В	<u> </u>
PC6	Volt meter is used for	g the voltage	Measuring the current	Both A&B	None of these	Α	E
PC6	voit meter is used for	Measurin	Measuring the current	DULII AQD	None of these	А	
		g the		Measuring the			
PC6	Multimeter is used for	voltage	Measuring the current	resistance	All of these	D	Е
700	ividitimeter is used for	Measurin	ivicasuring the current	1 ESISTATIVE	All OI tilese	U	_ L
		g the		Measuring the			
PC6	Ohm meter is used for	voltage	Measuring the current	resistance	All of these	С	Е
1 00	o meter is asea for	Measurin	casaring the carrent	resistance	7 11 01 111030	_ `	
		g the		Measuring the			
PC6	Wattmeter is used for	voltage	Measuring the current	resistance	Measuring the power	D	Е

	1	1	1	,				1	1 1
			The effectiveness of the switchgear abd						
			the protective system shall always be						
		D.C.7	kept and maintained in working order,		N.A 1 b		Th		
		PC7	shall be checked once every	Day	Month	two months	Three months	D	M
			The operation of the switchgear and the						
			relays shall be recorded at						
		PC8	the sub- station or switch station	Daily	Once in two days	Weekly	Monthly	Α	Е
			All conductors of an earthing system shall						
			have conductivity, at all parts and all						
			joints, at least equal to						
			of that of the largest conductor used						
			solely to supply the apparatus a part of						
		PC8	which desired to be earthed	25%	50%	75%	100%	В	Н
			No conductor of an earthing system shall						
			have a cross-sectional area less	0.15 sq.					
		PC8	thanof copper conductor	cm.	0.16 sq. cm.	0.20 sq. cm.	0.25 sq. cm.	Α	Н
				Switch,					
				fuse or					
			shall be	circuit	No Switch, fuse or				
		PC8	inserted in any earth conductor	breaker	circuit breaker	Link switch	None of these	В	М
			Flexible cable used wirh portable	Largest of					
			apparatus where the voltage does not	the live					
			exceed 125 volts, and the cross-sectionsl	conducto	50% of the largest of	75% of the largest of			
			area and conductance of the earth core is	r in the	the live conductor in	the live conductor in			
		PC8	not less than that of the	cable	the cable	the cable	None of these	A	Н
			For every electrical installation including						
			factory, mines and oil fields where more						
			than of electrical load is						
			connected, the owner of the installation						
			or the management of the factory or						
	N 41N1 /N10004	DC4	mines as the case may be shall designate	E00 1014	250 1011	4000 1011	750 1011		
4	MIN/N0901	PC1	Electrical Safety Officer	500 KW	250 KW	1000 KW	750 KW	В	Н

	T-1			1		T	1
	The owner of every installation of voltage						
	exceeding shall affix						
	permanently in a conspicious position						
	danger notice in Hindi or English and local						
	language of district, with a sign of skull						
PC1	and bones	250V	440V	1100V	650V	Α	М
	Electricity shall not be transmitted in to a						
	below ground mine at a voltage	11000					
PC2	exceeding	volts	6600 volts	33000 volts	1100 volts	Α	М
	Electricity shall not be used in to a below	11000					
PC2	ground mine at a voltage exceeding	volts	6600 volts	33000 volts	1100 volts	В	М
	Where hand held portable apparatus is						
	used in a mine, the voltage shall not						
PC2	exceed	250 volts	125 volts	440 volts	30 volts	В	М
	In underground mines, the lighting						
	system voltage shall not exceed 125 volts						
PC2	between	Phases	Phase and neutral	Both A&B	None of these	Α	М
	On the surface of a mine or in an open	Phase					
	cast mine, the lighting system voltage	and					
PC3	shall not exceed 250 volts between	neutral	Phases	Both A&B	None of these	В	М
1 03	Voltage of portable hand lamps used in	ricutiai	1 1103C3	DOTH AGD	None of these		101
	underground working of mine shall not						
PC3	exceed	50 volts	30 volts	15 volts	25 volts	В	M
FC3	In underground mines where any circuit is	30 VOILS	30 70113	13 voits	25 VOILS	Ь	IVI
	used for the remote control or electrical -						
	interlocking of apparatus, the circuit						
PC4	- ''	50 volts	30 volts	15 volts	25 volts	В	н
PC4	voltage shall not exceed	20 VOILS	20 VOILS	TO ANIEZ	23 VUILS	D	П
	In underground mine of gassy coal seam of the main						
	mechanical ventilator operated by						
	· · · · · · · · · · · · · · · · · · ·						
	electricity shall be interlocked with the						
	switchgear so as to automatically	C		Canamal and the col			
504	disconnect the power supply in the event	Second	<b>T</b> I. 1 . 1 . 1	Second and third	Maria Cil		
PC4	of stoppage of main mechanical ventilator	degree	Third degree	degree	None of these	С	Н

PC5	The fire extinguishers shall be tested for satisfactory operation as per relevant Indian Standard at least	Once in two years	Once a year	Once in six months	None of these	В	M
PC5	Which type of fire extinguishers are used for electrical fire	Dry powder	CO2	Both A&B	None of these	С	М
PC5	Fire extinguishers shall be kept and maintained at all	Sub- stations	Switch stations	Both A&B	None of these	С	E
PC6	In mines machines of voltage exceeding 650 volts but not exceeding 33kV connector shall be used with trailing cable	Bolted type	Plug and socket	Both A&B	None of these	A	Н
PC6	In mines, all flexible cable attached to any transportable apparatus shall be provided with flexible metallic screening or plaible armouring on all the power and power cores, if the voltage exceeds	250 volts	440 volts	125 volts	650 volts	A	н
PC7	In the mines in the case of separately screened flexible cables the conductance of each screen shall not be less than of that of the power conductor	25%	50%	75%	100%	A	н
PC7	In the mines in the case of separately screened flexible cables combined conductance of each such screen shall in no case be less thanof copper conductor	0.15 sq. cm.	0.16 sq. cm.	0.25 sq.cm.	0.20 sq. cm.	A	M
PC/	Flexible cable when used with coal cutting machine or cutter or loader or armoured face conveyor for longwall operation or with shuttle cars or load haul dumpers or cutter loader or all alike equipment for development and de-pillaring operation		0.10 Sq. CIII.	0.23 sq.cm.	0.20 SQ. CIII.	A	IVI
PC7	shall not exceed in length	100 metres	90 metres	250 metres	None of these	С	Н

	Flexible cables in case of opencast mines when used with electrically operated heavy earth moving machinary shall not	250					
PC7	exceed in length	metres	300 metres	100 metres	1000metres	В	Н
	Flexible cables in case of opencast mines						
	when used with bucket wheel excavator						
	at 11kV shall not exceed	250					
PC8	in length	metres	300 metres	100 metres	1000metres	D	Н
PC8	In below ground mines aii apparatus including portable and transportable apparatus including lighting fitting used at any place which lies in-bye of the last ventilation connection shall be	Intrinsical ly safe	Flameproof	Both A&B	None of these	В	M
FCO	Ventuation connection shall be	ly sale	Паптергоот	DOLLI AQD	None of these	В	IVI
	In below ground mine all signalling, telecommunication, remote control and insulation tester circuit shall be so constructed, installed, protected,	Flamepro		Increased safety type			
PC8	operated and maintained as to be	of	Intrinsically safe	"e"	None of these	В	М
PC9	In below ground mine , all apparatus used at any place with in ninety metres of any working face or goaf in case of shall be flameproof	First degree gassy mine	Second degree gassy mine	Third degree gassy mine	All of these	В	Н
	In below ground mine, all apparatus used						
	at any place with in two hundred and seventy metres of any working face or	First degree					
	goaf in case of shall	gassy	Second degree gassy	Third degree gassy			
PC9	be flameproof	mine	mine	mine	All of these	С	Н
	In any DC circuit, resistance is 5 ohms and voltage is 10 volts then current flow will						
PC9	be	5 ampere	2 ampere	10 ampere	50 ampere	В	E
	In any coal seam of degree second and degree third gassiness or the hazerdous area of oil mine the supply shall be	If open spark	If main mechanical				
PC10	disconnected immediately	occurs	ventilator stops	Both A&B	None of these	Α	Н

PC10	In any coal seam of degree second and degree third gassiness or the hazerdous area of oil mine the supply shall be disconnected immediately in the event of percentage of inflammable gas exceeds	One and one quarter	one	Both A&B	None of these	A	н
PC10	Which safety gear is used for the safety of head	Helmet	Gloves	Safety shoes	All of these	А	E
PC10	Which safety gear is used for the safety of hands	Helmet	Hand Gloves	Safety shoes	All of these	В	E
PC10	What are the safety gears used during welding	Helmet	Hand Gloves	Welding screen	All of these	D	E
PC11	Is it necessary to follow the manufacturer's instructions for safe operation of the equipment	Yes	No	May be followed	None of these	A	E