

Id	1
Question	The steel pipe reinforced with concrete running between surge tank and turbine is called-----
A	Spillways
B	Forebay
C	Penstock
D	Reservior
Answer	
Marks	02
Unit	01

Id	2
Question	To take care of system load fluctuation-----is constructed between dam and valve house
A	Surge tank
B	Spillways
C	Forebay
D	Reservior
Answer	
Marks	02
Unit	01

Id	3
Question	The Process of Disintegration of nucleus into two or more nuclides is possible by hitting the nucleus with neutrons is called-----
A	Fusion
B	Fission
C	Osmosis
D	Electrolysis
Answer	
Marks	02
Unit	01

Id	4
Question	In Photovoltaic system Inverter is device used to convert
A	AC Energy to DC Energy
B	AC Energy to AC Energy
C	DC Energy to AC Energy
D	DC Energy to DC Energy
Answer	
Marks	02
Unit	01

Id	5
Question	----- Can be used for measuring high range of temperature such as furnace flue gas preheated air water
A	Electrical resistance thermometer
B	Liquid filled thermometer
C	Vapor pressure thermometer
D	Thermocouple
Answer	
Marks	02
Unit	01

Id	6
Question	-----Can be used for accurate measurement of feed water, condensate , bearing oil, lubricating oil and winding temperature.
A	Thermocouple
B	Electrical Resistance Thermometer
C	Thermometer
D	Bimetallic strip
Answer	
Marks	02
Unit	01

Id	7
Question	-----Can be used for low pressure measurement like bleeder steam pressure , Exhaust pressure, air pressure etc.
A	Manometer
B	Standard bourdon tube
C	Helical tube or diaphragm type pressure gauge
D	Vacuum gauges
Answer	
Marks	02
Unit	01

Id	8
Question	Meters are required to
A	measure accuracy
B	Indicate, Integrate and record
C	measure precision measure timing signals
D	None
Answer	
Marks	02
Unit	01

Id	9
Question	The Thermal power plant generates electricity using heat energy of ----- generated in boilers.
A	Biogas
B	Steam
C	cold water
D	preheated gas
Answer	
Marks	02
Unit	01

Id	10
Question	Instead of boiler in conventional steam thermal power plant nuclear power plant uses
A	motor and contactor
B	Moderator and control rods
C	Reactor and heat Exchanger
D	Pump and heater
Answer	
Marks	2
Unit	01

Id	11
Question	Photovoltaic devices convert -----from -----
A	Electrical, Solar
B	Solar ,Electrical
C	Electrical, Mechanical
D	Electrical, Chemical
Answer	
Marks	02
Unit	01

Id	12
Question	In fuel cell, the _____ energy is converted into electrical energy.
A	mechanical
B	chemical
C	heat
D	sound
Answer	
Marks	02
Unit	01

Id	13
Question	Solar thermal power generation can be achieved by
A	using focusing collector or heliostats
B	using flat plate collectors
C	using a solar pond
D	any of the above system
Answer	
Marks	02
Unit	01

Id	14
Question	Economizer is used to heat
A	air
B	feed water
C	flue gases
D	any of the above system
Answer	
Marks	02
Unit	01

Id	15
Question	The control rods in the control system of nuclear reactors are used to
A	Absorb excess neutrons
B	Control fuel consumption
C	Control temperature
D	All of these
Answer	
Marks	02
Unit	01

Id	16
Question	Electron volt is the unit of
A	Atomic power
B	Energy
C	Voltage
D	Radio activity
Answer	
Marks	02
Unit	01

Id	17
Question	A moderator, in nuclear power plants, is a medium introduced into the fuel mass in order to
A	Slow down the speed of fast moving neutrons
B	Control the reaction
C	Reduce the temperature
D	Extracts heat from nuclear reaction
Answer	
Marks	02
Unit	01

Id	18
Question	The nuclear energy is measured as
A	MeV
B	Curie
C	Farads
D	MW
Answer	
Marks	02
Unit	01

Id	19
Question	Isotopes of same elements have
A	Same atomic number and different masses
B	Same chemical properties but different atomic numbers
C	Different masses and different atomic numbers
D	Different chemical properties and same atomic numbers
Answer	
Marks	02
Unit	01

Id	20
Question	A boiling water reactor uses following as fuel
A	Enriched uranium
B	Plutonium
C	Thorium
D	U
Answer	
Marks	02
Unit	01

Id	21
Question	The process by which a heavy nucleus is spitted into two light nuclei is known as
A	Splitting
B	Fission
C	Fusion
D	Disintegration
Answer	
Marks	02
Unit	01

Id	22
Question	Which of the following is not the part of hydroelectric power plant?
A	Penstock
B	Reservoir
C	Dam
D	Fuel Rods
Answer	
Marks	02
Unit	01

Id	23
Question	.Which part of Hydroelectric power plant is use to prevent back flow pressure?
A	Dam
B	condenser
C	Penstock
D	Surge Tank
Answer	
Marks	02
Unit	01

Id	24
Question	Which of the following is not the part of wind power plant
A	Wind mill
B	wind turbine
C	Generator
D	Compressor
Answer	
Marks	02
Unit	01

Id	25
Question	In Biomass energy generation firing takes place here with controlled air supply to occur partial combustion for generation of combustible gas called
A	producer gas
B	Generator gas
C	Waste gas
D	None of the above
Answer	
Marks	02
Unit	01

Id	26
Question	DC power is defined as the product of
A	Resistance and Current
B	Voltage and Current
C	Inductance and Voltage
D	Capacitance and Voltage
Answer	
Marks	02
Unit	01

Id	27
Question	Energy is defined as
A	The product of power and time
B	The product of voltage and time
C	The product of voltage and Current
D	The product of voltage and inductance
Answer	
Marks	02
Unit	01

Id	28
Question	The functions of using economizer in thermal power station is to
A	heat air.
B	preheat steam.
C	remove feed water
D	heat feed water.
Answer	
Marks	02
Unit	01

Id	29
Question	The purpose of using super heater in a thermal power station is to
A	heat air.
B	heat steam.
C	heat feed water.
D	control steam
Answer	
Marks	02
Unit	01

Id	30
Question	Load curve is useful in deciding the
A	operating schedule of generating units.
B	sizes of generating units.
C	total installed capacity of the plant.
D	all of the above.
Answer	
Marks	02
Unit	01

Id	31
Question	A moderator, in nuclear power plants, is a medium introduced into the fuel mass in order to
A	Slow down the speed of fast moving neutrons
B	Control the reaction
C	Reduce the temperature
D	Extracts heat from nuclear reaction
Answer	
Marks	02
Unit	01

Id	32
Question	The Thermal power plant generates electricity using heat energy of ----- generated in boilers.
A	Biogas
B	Steam
C	cold water
D	preheated gas
Answer	
Marks	02
Unit	01

Id	33
Question	In Biomass energy generation firing takes place here with controlled air supply to occur partial combustion for generation of combustible gas called
A	producer gas
B	Generator gas
C	Waste gas
D	None of the above
Answer	
Marks	02
Unit	01

Id	34
Question	Which of the following material act as coolant in a nuclear power plant?
A	liquid sodium
B	graphite.
C	beryllium.
D	all of the above
Answer	
Marks	02
Unit	01

Id	35
Question	Which of the following is not a source of power?
A	Thermocouple.
B	Photo-voltaic cell.
C	Solar cell.
D	Photoelectric cell
Answer	
Marks	02
Unit	01

Id	36
Question	Direct conversion of heat into electric power is possible through
A	fuel cell.
B	batteries.
C	thermionic converter
D	all of the above
Answer	
Marks	02
Unit	01

Id	37
Question	In hydro power plant, surge tank is provided for the protection of
A	turbine.
B	bulb
C	penstock.
D	dam.
Answer	
Marks	02
Unit	01

Id	38
Question	Which of the following power plant has highest efficiency?
A	Steam power plant.
B	Hydro power plant.
C	Nuclear power plant
D	Diesel power plant.
Answer	
Marks	02
Unit	01

Id	39
Question	A steam power stations basically work on the
A	thermodynamic cycle
B	Rankin cycle.
C	Vapor pressure cycle
D	Carton cycle
Answer	
Marks	02
Unit	01

Id	40
Question	Which of the following Power Plant causes least environmental pollution?
A	Thermal Power Plant
B	Hydro Power Plant.
C	Nuclear Power Plant
D	Diesel Power Plant.
Answer	
Marks	02
Unit	01

Id	41
Question	Hydroelectric power stations are generally located in
A	plane area
B	hilly area.
C	cold area.
D	warm area.
Answer	
Marks	02
Unit	01

Id	42
Question	For the low head and large discharge, the hydraulic turbine used is
A	Francis turbine.
B	Kaplan turbine
C	Pelton turbine.
D	none of the above.
Answer	
Marks	02
Unit	01

Id	43
Question	Which of the following generating station has minimum running cost?
A	Nuclear
B	Hydro.
C	Thermal.
D	Diesel.
Answer	
Marks	02
Unit	01

Id	44
Question	he fuel used in nuclear reactor is
A	radium.
B	cadmium.
C	uranium.
D	all of the above
Answer	
Marks	02
Unit	01

Id	45
Question	Which of the following device is used to measure vacuum?
A	Barometer.
B	Hygrometer
C	U-tube manometer.
D	Venturi metre.
Answer	
Marks	02
Unit	01

Id	46
Question	Which of the following power plants is least reliable?
A	wind
B	tidal.
C	geothermal
D	solar
Answer	
Marks	02
Unit	01

Id	47
Question	Which material is used to made a solar cell?
A	aluminum.
B	Germanium.
C	silicon.
D	scandium
Answer	
Marks	02
Unit	01

Id	48
Question	In thermal power plant, heat from the flue gases is utilized in
A	super heater
B	condenser.
C	economizer.
D	chimney.
Answer	
Marks	02
Unit	01

Id	49
Question	Which of the following power plant has least fuel transportation?
A	nuclear power plants.
B	diesel generating plants.
C	thermal power plants.
D	steam power stations
Answer	
Marks	02
Unit	01

Id	50
Question	The source of energy of the sun is
A	nuclear fission
B	chemical reaction.
C	nuclear fusion.
D	photoelectric effect.
Answer	
Marks	02
Unit	01

Id	51
Question	The common methods of measurement of water flows in thermal power plant are by using differential pressure head sensors such as
A	Rotameter
B	Variable area flow meter
C	orifice and venturimeter
D	DPT and Rotameter
Answer	
Marks	02
Unit	02

Id	52
Question	In Rotameter the Flow rate is directly proportional to
A	square of height of float
B	square root of height of float
C	cube root of height of float
D	cube of height of float
Answer	
Marks	02
Unit	02

Id	53
Question	Boiler drum level control
A	It maximizes steam quality
B	It prevents damage to boiler and turbine
C	Balance the boiler steam output with feed water input
D	All of the above.
Answer	
Marks	02
Unit	02

Id	54
Question	The balance between demand for steam and supply of steam from all boiler in power station can be established by controlling
A	common steam pressure
B	common bus pressure
C	inlet steam
D	outlet steam
Answer	
Marks	02
Unit	02

Id	55
Question	Density of steam is function of
A	pressure and Temperature
B	only pressure
C	Only Temperature
D	Neither pressure nor temperature
Answer	
Marks	02
Unit	02

Id	56
Question	Standard DPT output is
A	3-16 psi
B	3-15 psi
C	4-20 mA
D	3-15 mA
Answer	
Marks	02
Unit	02

Id	57
Question	The three Element in drum level control are
A	Steam pressure , Steam flow, Steam level.
B	Steam temperature ,Steam flow, Steam level
C	Steam pressure ,Steam flow, Steam power
D	inlet flow ,Steam flow, Steam level
Answer	
Marks	02
Unit	02

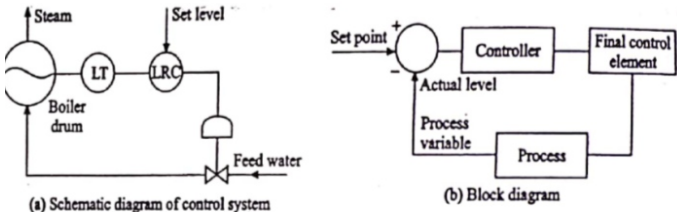
Id	58
Question	In steam pressure control the balance between heat inflow and heat outflow is indicated by
A	drum level
B	drum temperature
C	drum pressure
D	drum flow
Answer	
Marks	02
Unit	02

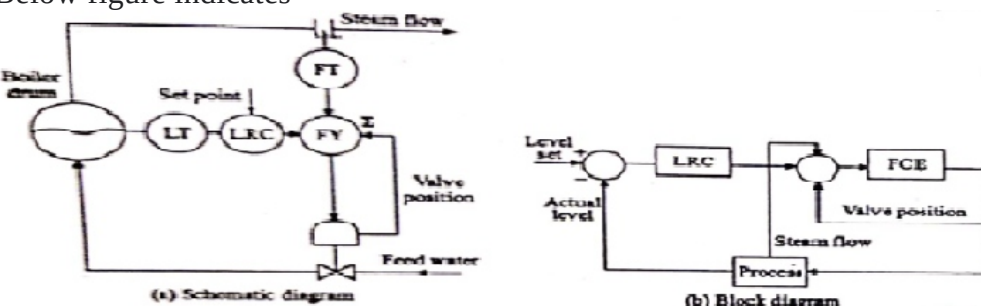
Id	59
Question	The firing rate demands generated by plant master controller through boiler master controller becomes set point for
A	Pressure controller
B	Combustion controller
C	temperature controller
D	level controller
Answer	
Marks	02
Unit	02

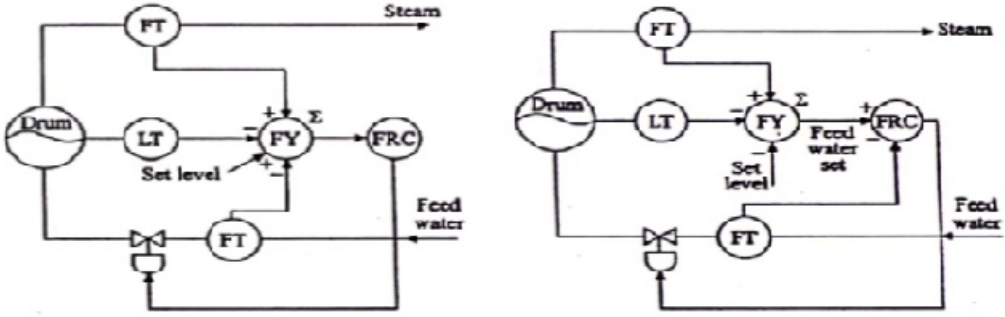
Id	60
Question	The best suitable transducer for steam flow measurement is
A	Manometer
B	DPT and orifice
C	Rotameter
D	None of the above
Answer	
Marks	02
Unit	02

Id	61
Question	The steam after driving the turbine is converted back into the water by
A	Condenser
B	Evaporator
C	Moderator
D	Controller
Answer	
Marks	02
Unit	02

Id	62
Question	sluggish circulation may cause large ----- to form hence possibility of burning out tubes
A	Heat production
B	Energy production
C	Bubbles
D	Vibration
Answer	
Marks	02
Unit	01

Id	63
Question	<p>Below figure indicates</p>  <p>(a) Schematic diagram of control system</p> <p>(b) Block diagram</p>
A	Single element drum level control
B	Two element drum level control
C	Three element drum level control
D	Four element drum level control
Answer	
Marks	02
Unit	02

Id	64
Question	<p>Below figure indicates</p>  <p>(a) Schematic diagram</p> <p>(b) Block diagram</p>
A	Single element drum level control
B	Two element drum level control
C	Three element drum level control
D	Four element drum level control
Answer	
Marks	02
Unit	02

Id	65
Question	<p data-bbox="313 249 613 281">Below figure indicates</p> 
A	Single element drum level control
B	Two element drum level control
C	Three element drum level control
D	Four element drum level control
Answer	
Marks	02
Unit	02

Id	66
Question	Single element is simplest type used for controlling packaged
A	Fire tube or water tube boilers
B	Steam boiler
C	Water boiler
D	None of the above
Answer	
Marks	02
Unit	02

Id	67
Question	In Single element drum level control Level signal is directly compared with setpoint and error through controller is utilized for controlling
A	Feedwater control valve
B	Level control valve
C	Temperature control valve
D	Pressure control valve
Answer	
Marks	02
Unit	02

Id	68
Question	In single element drum control the parameter to be control is
A	Temperature
B	Pressure
C	Steam
D	Level
Answer	
Marks	02
Unit	02

Id	69
Question	Which of the following drum level control is suitable to eliminate shrink and swell problem
A	Single element drum level control
B	Two element drum level control
C	Four element drum level control
D	Five element drum level control
Answer	
Marks	02
Unit	02

Id	70
Question	Two element drum level control is adopted only if the relationship between----- and ----- is consistent.
A	Feedwater control valve position and flow rate
B	Pressure control valve position and flow rate
C	Level control valve position and flow rate
D	Feedwater control valve position and Pressure rate
Answer	
Marks	02
Unit	02

Id	71
Question	In steam pressure control a common steam supply system with N number of boilers equal the number of -----
A	Turbo Alternator
B	Generator
C	Condenser
D	Transformer
Answer	
Marks	02
Unit	02

Id	72
Question	In Auto mode boiler master controller follows the master
A	Pressure rate demand signal
B	Flow rate demand signal
C	Temperature rate demand signal
D	Firing rate demand signal
Answer	
Marks	02
Unit	02

Id	73
Question	In feed forward plus feedback master control total steam of all boiler is
A	Feed forward demand
B	Feedback demand
C	Open loop demand
D	Close loop demand
Answer	
Marks	02
Unit	02

Id	74
Question	In feed forward plus feedback master control , A change in pressure drop of supply is indication of needed change in firing rate to change the stored energy that is represented by
A	Boiler steam
B	Boiler temperature
C	Boiler pressure
D	Boiler level
Answer	
Marks	02
Unit	02

Id	75
Question	Condenser is device which converts ----- to water
A	Vapor
B	Steam
C	Alcohol
D	Boiler level
Answer	
Marks	02
Unit	02

Id	76
Question	The feedforward control system:
A	Cannot make corrections until a measurable error exists
B	Makes a change in output that is the integrated error
C	Requires little knowledge of the process before installation
D	Is theoretically capable of perfect control
Answer	
Marks	02
Unit	02

Id	77
Question	The two-element drum level strategy is suitable for processes with moderate oscillations and load speeds, and can be used in any boiler size
A	True
B	False
Answer	
Marks	02
Unit	02

Id	78
Question	In single element drum control the parameter to be control is
A	Temperature
B	Pressure
C	Steam
D	Level
Answer	
Marks	02
Unit	02

Id	79
Question	The device which converts steam to water is
A	Condenser
B	Superheater
C	Economizer
D	None of the above
Answer	
Marks	02
Unit	02

Id	80
Question	In steam pressure control a common steam supply system with N number of boilers equal the number of -----
A	Turbo Alternator
B	Generator
C	Condenser
D	Transformer
Answer	
Marks	02
Unit	02

Id	81
Question	Fire tube or water tube boilers can be controll by
A	Two element control
B	Ten element control
C	Six element control
D	None
Answer	
Marks	02
Unit	02

Id	82
Question	Which of the following drum level control is suitable to eliminate shrink and swell problem
A	Single element drum level control
B	Two element drum level control
C	Four element drum level control
D	Five element drum level control
Answer	
Marks	02
Unit	02

Id	83
Question	The two-element control also measures the flow rate of the steam from the boiler, according to the need of steam flow rate the boiler speed is increased.
A	True
B	False
Answer	
Marks	02
Unit	02

Id	84
Question	sluggish circulation may cause large ----- to form hence possibility of burning out tubes
A	Heat production
B	Energy production
C	Bubbles
D	Vibration
Answer	
Marks	02
Unit	02

Id	85
Question	Transducer use for measurement of pressure is
A	Manometer
B	RTD
C	Thermocouple
D	Bimetallic strip
Answer	
Marks	02
Unit	02

Id	86
Question	Three-element control system the math summer output of the two-element controller is cascaded down to a second Feedwater Flow Controller to act as a Remote Setpoint.
A	True
B	False
Answer	
Marks	02
Unit	02

Id	87
Question	The transducer use for measurement of temperature of steam is
A	Thermocouple
B	manometer
C	Barometer
D	Carometer
Answer	
Marks	02
Unit	02

Id	88
Question	The steam after driving the turbine is converted back into the water by
A	Condenser
B	Evaporator
C	Moderator
D	Controller
Answer	
Marks	02
Unit	02

Id	89
Question	The common methods of measurement of water flows in thermal power plant are by using differential pressure head sensors such as
A	Rotameter
B	Variable area flow meter
C	orifice and venturimeter
D	DPT and Rotameter
Answer	
Marks	02
Unit	02

Id	90
Question	The three element control strategy can easily handle large and rapid load changes because it is matching the mass balance between the steam flow of the boiler and the flow of feed water to it
A	True
B	False
Answer	
Marks	02
Unit	02

Id	91
Question	In Auto mode boiler master controller follows the master
A	Pressure rate demand signal
B	Flow rate demand signal
C	Temperature rate demand signal
D	Firing rate demand signal
Answer	
Marks	02
Unit	02

Id	92
Question	In feed forward plus feedback master control total steam of all boiler is
A	Feed forward demand
B	Feedback demand
C	Open loop demand
D	Close loop demand
Answer	
Marks	02
Unit	02

Id	93
Question	Accurate temperature measurement of steam can be done by using
A	RTD
B	Bimetallic strip
C	Thermistor
D	Thermometer
Answer	
Marks	02
Unit	02

Id	94
Question	Transducer use for measurement of flow is
A	Variable area flow meter
B	Thermocouple
C	RTD
D	None
Answer	
Marks	02
Unit	02

Id	95
Question	Transducer use for measurement of conductive flow is
A	Rotameter
B	Variable area flow meter
C	Electromagnetic flow meter
D	None
Answer	
Marks	2
Unit	02

Id	96
Question	Two element drum level control design is not suitable for single drum boilers where the feedwater is available at a constant pressure
A	True
B	False
Answer	
Marks	02
Unit	02

Id	97
Question	In feed forward plus feedback master control , A change in pressure drop of supply is indication of needed change in firing rate to change the stored energy that is represented by
A	Boiler steam
B	Boiler temperature
C	Boiler pressure
D	Boiler level
Answer	
Marks	02
Unit	02

Id	98
Question	Two element drum level control design is particularly suitable in case of single drum boilers where the feedwater is available at a constant pressure
A	True
B	False
Answer	
Marks	02
Unit	02

Id	99
Question	A drum level control system tightly controls the level whatever the disturbances, level change, increase/ decrease of steam demand, feedwater flow variations.
A	True
B	False
Answer	
Marks	02
Unit	02

Id	100
Question	The feedforward control system:
A	Cannot make corrections until a measurable error exists
B	Makes a change in output that is the integrated error
C	Requires little knowledge of the process before installation
D	Is theoretically capable of perfect control
Answer	
Marks	02
Unit	02

Id	101
Question	Drum Level Control Systems are used extensively throughout the process industries and the Utilities to control the level of boiling water contained in boiler drums on process plant and help provide a constant supply of steam.
A	True
B	False
Answer	
Marks	02
Unit	02

Id	102
Question	Fuel oil pressure and atomize steam pressure is measured using----- for local indication.
A	points
B	vacuum gauges
C	burden gauges
D	Knudsen gauge
Answer	
Marks	02
Unit	03

Id	103
Question	Fuel oil temperature(100 deg celcius)temperature at various points, fuel gas temperature can be very well measured using
A	Thermowell
B	Thermometer
C	RTD
D	Thermocouple
Answer	
Marks	02
Unit	03

Id	104
Question	Two important controls in air to fuel circuit are
A	Pressure and level control
B	Level and steam flow control
C	Temperature and Pressure control
D	Combustion and Furnace draft control
Answer	
Marks	02
Unit	03

Id	105
Question	Fuel control is simple feedback control loop with --demand signal from boiler master controller as setpoint.
A	firing rate
B	flow rate
C	steam rate
D	vapor rate
Answer	
Marks	02
Unit	01

Id	106
Question	The output ratio station becomes setpoint to air flow controller which takes feedback from air flow transmitter this type of control strategy is called
A	steam leading control
B	fuel leading control
C	pressure leading control
D	Temperature leading control
Answer	
Marks	02
Unit	03

Id	107
Question	Combustion control system seeks to attain
A	Maintain high efficiency of combustion at all rates
B	Regulate the input of heat energy to the equipment
C	Safety to maintain guarding against hazards
D	All of the above
Answer	
Marks	02
Unit	03

Id	108
Question	Combustion pressure can be measure by using
A	Pressure gauges
B	Vacuum gauges
C	Pirani gauge
D	None of the above
Answer	
Marks	02
Unit	03

Id	109
Question	.Combustion Temperature can be accurately measured by
A	Rotameter
B	RTD
C	Bimetallic strip
D	None of the above
Answer	
Marks	02
Unit	03

Id	110
Question	Steam pressure is key variable that indicates state of balance between
A	Temperature and pressure for steam
B	Supply and demand for steam
C	Level and temperature for steam
D	Pressure and level for steam
Answer	
Marks	02
Unit	03

Id	111
Question	Furnace combustion chamber pressure at negative value can be achieved by
A	increasing flow level of steam
B	Induced draft fan with damper control
C	Decreasing flow level of steam
D	None of the above
Answer	
Marks	02
Unit	03

Id	112
Question	Oil flow rate can be measured by
A	Nutating disc meter
B	Flumes
C	Venturimeter
D	None of the above
Answer	
Marks	02
Unit	03

Id	113
Question	Gas as well as air are compressible fluids their densities vary with temperature and pressure they are measured with reference to either
A	Normal temperature and Pressure or Standard Temperature and Pressure
B	Normal Level and Pressure or Standard Level and Pressure
C	Normal temperature and Level or Standard Temperature and Pressure
D	Normal Flow and Pressure or Standard Flow and Pressure
Answer	
Marks	02
Unit	03

Id	114
Question	Flow measurement in combustion lines and gas lines are done mainly for -----control purposes.
A	Flow
B	Pressure
C	Temperature
D	Combustion
Answer	
Marks	02
Unit	03

Id	115
Question	Differential Pressure transmitter without square root extractor is used for converting -----to Electrical signal.
A	Head
B	Pressure
C	Temperature
D	Flow
Answer	
Marks	02
Unit	03

Id	116
Question	Drain valve or blow off valve installed near the transmitter is used to drain
A	Condensed water, Dust and mud collected
B	Poisonous Gas
C	Waste material
D	None of the above
Answer	
Marks	02
Unit	03

Id	117
Question	-----Sensor are used for both indication and transmission fuel gas and combustion air pressure
A	Capacitive type
B	Diaphragm type
C	Capsule or membrane type
D	Resistive type
Answer	
Marks	02
Unit	03

Id	118
Question	In air to fuel circuit Positive Pressure is due to ----- at the entering point
A	Combustion air Pressure and gas pressure
B	Flow and Temperature
C	Temperature and Pressure
D	Pressure and Flow
Answer	
Marks	02
Unit	03

Id	119
Question	In air to fuel circuit Negative Pressure can be generated by using
A	Induced draft fan and chimney
B	Forced draft fan and chimney
C	Only chimney
D	Neither chimney nor Induced draft Fan
Answer	
Marks	02
Unit	03

Id	120
Question	In Air to fuel circuit Primary and Secondary air Temperature can be measured by using
A	Bolometer
B	RTD or Iron constantan thermocouple
C	Bimetallic strip
D	Thermistor
Answer	
Marks	02
Unit	03

Id	121
Question	In combustion control ----- is most suitable to the situation in witch more than one boiler supplies a common steam header
A	Boiler master
B	Plant master
C	Control master
D	Combustion master
Answer	
Marks	02
Unit	03

Id	122
Question	-----system seeks to attain Regulate the input of heat energy to the equipment Safety to maintain guarding against hazards.
A	Combustion control system
B	Furnace draft control system
C	Pressure control system
D	Temperature control system
Answer	
Marks	02
Unit	03

Id	123
Question	----- is key variable that indicates state of balance between supply and demand for steam
A	Steam pressure
B	Steam Temperature
C	Steam flow
D	Steam Level
Answer	
Marks	02
Unit	03

Id	124
Question	Combustion and Furnace draft control Are Two important controls in-----circuit
A	Pressure circuit
B	Water circuit
C	Fuel to air circuit
D	air to fuel
Answer	
Marks	02
Unit	03

Id	125
Question	In air to fuel circuit ----- pressure can be measure by using Pressure gauges..
A	Combustion
B	Air
C	Flow
D	Steam
Answer	
Marks	02
Unit	03

Id	126
Question	----- installed near the transmitter is used to drain Condensed water,Dust and mud collected.
A	Drain valve or blow off valve
B	Pressure valve
C	Steam valve
D	Butterfly valve
Answer	
Marks	02
Unit	03

Id	127
Question	Steam pressure is key variable that indicates state of balance between supply and demand for steam
A	True
B	False
Answer	
Marks	02
Unit	03

Id	128
Question	In air to fuel circuit combustion pressure can be measured by using Pressure gauges..
A	True
B	False
Answer	
Marks	02
Unit	03

Id	129
Question	Drain valve or blow off valve installed near the transmitter is used to drain Condensed water, Dust and mud collected.
A	True
B	False
Answer	
Marks	02
Unit	03

Id	130
Question	Level measurement in Air to fuel ckt is necessary for following equipment
A	Gas Holder
B	Coal hopper
C	Oil tank
D	All of the above
Answer	
Marks	02
Unit	3

Id	131
Question	In combustion control Plant master is most suitable to the situation in which more than one boiler supplies a common steam header
A	True
B	False
Answer	
Marks	02
Unit	03

Id	132
Question	Which of the following conversions take place in float element?
A	Level to force
B	Level to voltage
C	Level to displacement
D	None of the mentioned
Answer	
Marks	02
Unit	03

Id	133
Question	Which of the following quantities can be measured using bellows
A	Absolute pressure
B	Gauge pressure
C	Differential pressure
D	All of the mentioned
Answer	
Marks	02
Unit	03

Id	134
Question	Combustion control system seeks to attain Regulate the input of heat energy to the equipment Safety to maintain guarding against hazards
A	True
B	False
Answer	
Marks	02
Unit	03

Id	135
Question	Capsules are made from diaphragms'.
A	True
B	False
Answer	
Marks	02
Unit	03

Id	136
Question	Steam pressure is key variable that indicates state of balance between Supply and demand for steam.
A	True
B	False
Answer	
Marks	02
Unit	03

Id	137
Question	Which of the following devices convert pressure to displacement?
A	Diaphragm
B	Bellow
C	Capsule
D	Both diaphragm and capsule
Answer	
Marks	02
Unit	03

Id	138
Question	Which of the following conversion take place in bourdon tubes?
A	Pressure to displacement
B	Pressure to voltage
C	Pressure to strain
D	Pressure to force
Answer	
Marks	02
Unit	03

Id	139
Question	What is purpose of furnace pressure control
A	To keep the combustion chamber pressure at positive value
B	To keep the combustion chamber pressure at negative value
C	To control smoke
D	To reduce power supply
Answer	
Marks	02
Unit	03

Id	140
Question	Fuel and Air should be controlled
A	Parallely
B	Serially
C	Virtually
D	Actaully
Answer	
Marks	02
Unit	03

Id	141
Question	The primary boiler fuels are
A	Biomass
B	Gas oil and coal
C	Solar energy
D	None of the above
Answer	
Marks	02
Unit	03

Id	142
Question	The primary function of combustion control is to deliever----- to the burner
A	Waste
B	Fuel and Air to the burner
C	smoke
D	None of above
Answer	
Marks	02
Unit	03

Id	143
Question	The controls in air to fuel circuit are necessary to improve
A	Power
B	Efficiency
C	Energy
D	None of the above
Answer	
Marks	02
Unit	03

Id	144
Question	Negative pressure is generated by ----- to make flue gas possible
A	Furnace draft fan
B	Generator
C	induced draft fan
D	None
Answer	
Marks	02
Unit	03

Id	145
Question	Automized steam temperature can be measured with
A	RTD
B	Rotameter
C	Bimetallic strip
D	None of the above
Answer	
Marks	02
Unit	03

Id	146
Question	Oil flow rate can be measured by positive displacement meter or rotameter
A	True
B	False
Answer	
Marks	02
Unit	03

Id	147
Question	Furnace pressure is commonly reffered as
A	Vaccum
B	Draft pressure
C	High pressure
D	None
Answer	
Marks	02
Unit	03

Id	148
Question	Low pressure can be measured by using
A	Diaphragm
B	Manometer
C	Load cell
D	Strain gauge
Answer	
Marks	02
Unit	03

Id	149
Question	Fuel gas and combustion pressure are in order of
A	0-1000 mm Wg
B	2000-5000 mmWg
C	0-2000 mm wg
D	none
Answer	
Marks	02
Unit	03

Id	150
Question	The weight measurement can be done by using
A	Load cell
B	Strain gauge
C	LVDT
D	None
Answer	
Marks	02
Unit	03

Id	151
Question	----- installed near the transmitter is used to drain Condensed water,Dust and mud collected.
A	Drain valve or blow off valve
B	Pressure valve
C	Steam valve
D	Butterfly valve
Answer	
Marks	02
Unit	03