







Sr. No.	PC Code	NOS Code	Question	Option A	Option B	Option C	Option D	Ans. (A/B/C/D)	Difficulty Level, Easy /Med./ High.
1	N0507	PC1	All the fires are classified into how many categories ?	3	4	5	2	C	E
2	No507	PC1	There is a Fire in an office and the paper ,plastic items are burning . What category of fire it will be ?	B	C	D	A	D	E
3	N0507	PC1	The Diesel tank catches fire due to over heat . The fire will be classified as which category ?	C	D	A	B	D	E
4	N0507	PC1	The LPG gas cylinder is burning . The best fire extinguisher to be used will be	Class B	Class C	Class A	Class D	B	E
5	N0507	PC1	Spontaneous fire in a coal mine is classified under which fire	Class A	Class B	Class E	Class D	A	M
6	N0507	PC1	The Gear oil stored in the store yard is on fire . The best way to put off the fire will be	Remove the Drums from that area which are not affected	Douse the fire with a Class B fire extinguisher	Cordon of the area and keep unauthorized persons away	All the above	D	M
7	N0507	PC1	The Electric Motor at Work shop is on fire due to short circuit . The actions to be taken will be.	Cut off power to the motor and its control unit.	Douse the fire with Class E fire extinguisher	Cordon of the area and keep unauthorized persons away	All the above	D	E
8	N0507	PC2	Which one of this is a source of ignition to cause fire ?	Two metallic plates rubbing together and the friction is creating heat and increase in temperature .	Water flowing from a tap	A machine tool working with ferrous metal in high speed	A Diesel Engine vehicle moving uphill with heavy load	A	M
9	N0507	PC2	Never allow inflammable oil to spill on floor. It may cause	Slippery floor	Cause Fire if gets ignited due to spark	Wastage of oil	All the above	D	E
10	N0507	PC2	Most of the common cause of domestic fire is	Slipping and falling	Electrical short circuit	High temperature due to AC not working	None of these	B	E
11	N0507	PC3	A Air compressor working at 7 kg/CM <sup>2</sup> got fire . The reason may be	It was working at high Air pressure	The Safety valve failed	The Compressor was working with low oil	None of the above	C	M





						level in it lubrication tank and got over heated			
12	N0507	PC3	In the Magazine Room the Detonator and explosives are to be kept in separate chambers . why ?	The may get mixed together and become unfit to use	They may cause dangerous explosion if come into contact with each other in the presence of a spark	The Explosives and Detonators are highly inflammable	None of the above	B	M
13	N0507	PC4	The Fire Triangle consists of	Fuel	Temperature	Oxygen	All the above	D	E
14	N0507	PC4	To control Fire any one of these has to be controlled . which one ?	Air	Temperature	Environment	Work site	B	M
15	N0507	PC4	The process in which fire is controlled in the absence of oxygen is known as	Starvation	Suffocation	Cooling	None of these	B	M
16	N0507	PC4	The process in which the fire is controlled by controlling the temperature is known as	Starvation	Cooling	Suffocation	None of these	B	M
17	N0507	PC4	The process in which the Fire is controlled by controlling the Fuel is known as	Cooling	Suffocation	Starvation	None of these	C	M
18	N0507	PC4	When Fuel ,Oxygen and Temperature are all come into contact in sufficient quantity the result is	Inundation	Explosion	Fire	Roof fall	C	M
19	N0507	PC5	How many types of Fire alarm sensors are available in market	6	5	4	2	6	H
20	N0507	PC5	Microwave Detectors are used in firefighting . what are they ?	A type of sensor to detect fire	A switch to trip power	A alarm to alert	All the above	A	M
21	N0507	PC5	Photoelectric Beams are used in fire fighting . What are they ?	A switch to trip power	A type of sensor to detect fire	A alarm to alert	A system to sprinkle water	B	M
22	N0507	PC5	What is the function of automatic fire alarm in a building ?	It is an arrangement to douse the fire	It is an arrangement to detect fire at the earliest stage and alert residents without delay.	It is an arrangement to trip electrical power to the building	All of these	B	M
23	N0507	PC5	How many types of Fire Alarms are available in the market	2	3	4	5	2	H
24	N0507	PC5	What is a conventional Fire alarm system ?	A Fire alarm system which helps to douse the fire	The fire alarm systems and its components are all wired to the same cable that connects them to a fire alarm control panel.	An arrangement to activate water sprinkler	None of these	B	H
26	N0507	PC8	The <b>BEST</b> way to facilitate awareness to employees on Fire safety is	Talk to them in a group informally	Conduct lectures	Mock drill at site after a demonstration	Train when there is a fire	C	M
27	N0507	PC8	The Mock drills are to be conducted as per statutory provisions in a gassy mine	Once a month	As and when required	After a Fire accident	None of the above	A	M





28	N0507	PC8	The awareness program for Fire safety should include	Demonstration for using different types of Fire extinguisher	Mock drill	Videos and case studies	All the above	D	M
29	N0507	PC8	The BEST place to conduct a demonstration for Fire drill is	Class room	Work site	Open field	None of these	B	E
30	N0507	PC9	The term incident refers to	A near miss	An accident	A would be incident	None of these	A	E
31	N0507	PC9	The term Accident refers to	An incident an injury or fatal had occurred	A near miss	A would be incident	None of these	A	E
32	N0507	PC9	Maintaining safety records regarding incidents and accidents are	Optional	Mandatory	It is required for local official purpose only	None of these	B	E
33	N0507	PC9	The safety records are to be maintained statutorily which contains	All incidents	All accidents	Training of employees on safety training specially in Fire fighting	All of these	D	E
34	N0507	PC9	Fire Safety Inspections are conducted by	Safety Officers	Safety operators	Workmen Inspectors	All the above	D	E
35	N0507	PC9	The safety inspection report should contain	The condition of equipments installed	Fire safety arrangements	Fire Alarms conditions	All the above	D	E
36	N0507	PC9	The number of medical and emergency call records in a given reveal the	Condition Prevailing in the mine on safety front	Awareness of men working there on safety	The effectiveness of the systems prevailing regarding safety .	All the above	D	E
37	N0507	PC10	The safety policy of an organization is to support the safety systems which covers	Safety committee Meetings	Pit top meetings on use of Fire Extinguishers and other safety equipments	Mock drill arrangement	All the above	D	E
38	N0507	PC10	The Safety Policy of an organization is for the purpose	To show the importance of safety in the organisation	To follow the safety policy to achieve zero accident	To improve productivity with safety	All the above	D	E
39	N0507	PC11	The Fire Extinguishers are maintained fit for use by	Regular inspection of them and replace the expired ones with new one	Maintaining them painted and clean	Keeping the Fire Extinguishers under lock and key	None of the above	A	M
40	N0508	PC1	 Identify this Safety item .	Fire Extinguisher DCP	Fire Extinguisher CO2	Fire Extinguisher Sand Bucket	Fire Extinguisher Foam type	B	M
41	N0508	PC1	 The Fire Extinguisher shown is what type ?	CO2	DCP	Sand Bucket	Foam Type	B	M

42	N0508	PC1	 This Fire fighting device is	DCP Fire Extinguisher	Sand Bucket	CO2 Fire Extinguisher	Foam Type Fire Extinguisher	B	E
43	N0508	PC1	What is the difference between Fire Engines and Ladder Truck ?	There is NO difference	Fire Engine carry water only and Ladder truck carry ladder only	Fire Engine Carry water only	Ladder truck carry both water and ladder	B	H
44	N0508	PC1	How many types of Fire trucks are in use presently ?	8	6	4	3	A	H
45	N0508	PC1	Airport Crash Tender. ... Turntable Ladder. ... Command Support Unit. ... Tower Ladder. What these terms refer to in Fire Fighting system ?	Fire Extinguisher	Water container	Fire Engines	None of the above	C	M
46	N0508	PC1	Find the ODD one out	Conventional Fire Appliance	Tower Ladder	Hydraulic Platform. .	CO2 Fire Extinguisher	D	E
47	N0508	PC1	 What is this related to Fire Fighting ?	Fire extinguisher	Fire Engine or Pumper	Transport vehicle	Water sprinkler	B	B
48	N0508	PC2	 These uniforms used by fire fighters are called	Jacket	Fire Jacket	Unifirm	Fire Resistant Jackets	D	M
49	N508	PC2	The Full form of SCBA	Self Controlled Breathing Apparatus	Sixty cent breathing appratus	self-contained breathing apparatus	None of these	C	H
50	N508	PC2	What are the limitations of Air purifying respirator ?	The Air purifying Respirators are very costly.	They are not fit to use where there is a Oxygen deficiency and also were the atmosphere is dusty	They can be used only by experts	All of these	B	H
51	N0508	PC1	What type of pump is used in a Fire Engine pumper truck?	Gear Pump	Vane Pump	Centrifugal Pump	Screw Pump	C	M
52	N0508	PC1	The Centrifugal pump used in a fire engine pumper truck is having what type of suction system ?	Positive suction head	Negative Suction head	Delivery head	None of these	A	H
53	N0508	PC1	The full form of GPM is	Gallon per Minute	Gallon pump motor	Gallon Proper Machine	None of these	A	M

54	N0508	PC1	The inside Diameter of a hose pipe is doubled	The Pressure will increase	The Pressure will decrease	There will be no change	None of these	B	M
55	N0508	PC3	During any emergency situation in a mine the FIRST step is	To cut off Electrical power	Inform and alert every body	Inform superiors over communicating device	All of these	D	E
56	N0508	Pc3	In case of Electrical fire the FIRST step to control fire is	Pour water over it	Pour sand over it	Cut Power supply OFF	None of these	C	E
57	N0508	PC3	Identify this Electrical equipment used underground mine. 	Air Circuit breaker	Electric motor	Transformer	Oil Circuit Breaker	C	H
58	N0508	PC3	The Electric supply is to be cut of in the event of a	Fire in the	Explosion in mine	Inundation in the Mine	All the above	D	E
59	N0508	PC4	When we pour water over a solid fire it has duel function	It cools down the fire by bringing down temperature of the burning substance	It generates vapour over the burning substance as a blanket cover and avoids oxygen to come into contact	It helps in suffocation and cooling	All the above	D	E
60	N508	PC4	The Fire hazard can be controlled by	Proper house keeping	By following 5S in the work area	By training to all employees on Fire prevention	All the above	D	E
61	N508	PC5	The preliminary salvage operation consists of what activities ?	Throwing salvage cover	Removing debris	Sweeping water	All the above	D	M
62	N508	PC5	The term SALVAGE with reference to fire accident refers to	Fight Fire with extinguishers	It is protection of buildings and their contents from unnecessary damage due to water, smoke, heat, and other elements. Due to fire fighting operations	Fire control methods	Fire Alarm testing	B	H
63	N0508	PC7	In the event of a Fire the immediate action is to	Fight fire with in ones available resources	Contact fire brigade for their support and help	Inform superiors	Write in the report book	B	E
64	N0508	PC7	In the event of fire or emergency situation the help/assistance is needed from	Fire Brigade	Rescue trained members of local team	First aiders	All the above	D	E
65	N0508	PC8	The action followed by controlling the fire in a emergency situation in a mine is to	Start Production	Search and rescue men trapped in the mine	Inform the superior	None of these	B	M

66	N0508	PC8	In searching for trapped person in a mine after a fire accident ,the search team should have	Experience in such search operation	Well versed with the underground conditions of the particular mine where search operation is on.	A detailed Plan of the Mine	All the above	D	M
67	N0508	PC11	For improved performance of Fire fighting equipments are to be maintained	By visual checking for any defect after use	Cleaning the apparatus for reuse	Check valves and cylinder for proper function	All the above	D	E
68	N0507	PC1	What is Spontaneous fire in a coal seam ?	A fire caused by human error	A fire caused by temperature due to atmosphere	The process of self heating of coal or other carbonaceous material due to auto oxidation resulting in fire	None of these	C	M
69	N508	PC1	The ignition temperature of a substance is refereed to what ?	Temperature at which the substance will freeze	The temperature at which a substance will catch fire	The temperature at rised in which a substance will become hotter than surrounding temperature	None of theabove	B	M
70	N0508	PC11	How is the Breathing apparatus are cleaned	With Linseed oil	With non scented detergent rinsed in warm water	By wiping with a cotton cloth	By pouring hot water over the breathing apparatus	B	M
71	N0901	PC1	The Environment day is celebrated on which day ?	July 5	May 5	June 5	April 14	C	E
72	N0901	PC3	The correct procedure in an event of accident in a mine is	Do not disturb the site	Rescue and recover injured person if any and offer first aid	Inform immediate superior without delay	All the above	D	E
73	N0901	PC3	In the event of a emergency situation take shelter in	Miners Station	First Aid room	Refuge Chamber	None of these	C	M
74	N0901	PC4	How long a DCP fire extinguisher of 10 Kg can be used	10 to 20 seconds	20 to 30 seconds	30 to 40 seconds	5 to 10 seconds	A	H
75	N0901	PC5	How will you recognise CO2 Fire extinguisher in case there is no label?	By Post office red colour	By Plastic Funnel provided at the end of the exhaust pipe and the wheel valve at the top	By lifting and checking its weight	All the above	B	H
76	N0901	PC5	The DCP Fire extinguisher is easily recognizable from its	Colour of Post Office red	Pressure Gauge provided with red and green marking	By lifting and checking its weight	All the above	B	H
77	N0901	PC5	The Foam type Fire Extinguisher is not to be used for which type of fire ?	Class A	Class B	Class E	Class D	C	M

78	N0901	PC5	There is a smoke in a Office room which is having an Air-conditioner What are the actions to be taken to save the human beings there ?	Open all the windows and doors and let the smoke be allowed to escape and fresh air into the room	Let all the people be asked to leave the room in a systematic way without hurting themselves	Fire be examined for its intensity and type . Use the appropriate Fire extinguisher to douse the fire. Inform Fire brigade .	All the above	D	E
79	N0901	PC8	What is a Misfire in a mine ?	An accident due to blasting	An dangerous condition in mine which may lead to accident	Explosives fail to detonate as planned during a mine blast.	None of the above	C	M
81	N0901	PC10	Identify this PPE 	Goggles	Gloves	Dust Mask	Helmet	B	E
82	N0901	PC10	Identify this PPE 	Ear Plug	Dust Mask	Helmet	Gloves	C	E
83	N0901	PC10	This PPE is used for protection of which part of the body 	Foot	Ear	Eyes	Fingers	A	E
84	N0901	PC10	 This PPE is for protection from	Noise	Dust and Fumes	Injury to head	Injury to Eyes	B	E
85	N0901	PC2	What is Danger ?	Danger means a hazardous situation presents which may cause a threat of death or serious injury	"Danger is a major hazard situations where an immediate hazard presents a threat of death or serious injury to employees.	Danger means if not care is taken the equipment will fail	None of these	B	H
86	N0901	PC2	What is warning ?	"Danger is a major hazard situations where an immediate hazard presents a threat of	This means if care is not taken the equipment will fail	Danger means a hazardous situation presents which may cause a threat of	None of these	C	H

				death or serious injury to employees.		death or serious injury			
87	N0901	PC2	What is Notice ?	This means if care is not taken the equipment will fail	Danger means a hazardous situation presents which may cause a threat of death or serious injury	"Danger is a major hazard situations where an immediate hazard presents a threat of death or serious injury to employees	None of these	A	H
88	N0901	PC2	Identify this danger symbol 	No smoking	No entry	Men at work	Narrow passage	A	E
89	N0901	PC2	Identify this danger symbol 	No Smoking	No Entry	No use of Mobile	Narrow passage	C	E
90	N0901	PC2	Identify this danger symbol 	Hot Surface	Dusty atmosphere	Noisy zone	Slippery floor	A	E
91	N0901	PC2	Identify this danger symbol 	Hot surface	Slippery floor	Electric Shock	Noisy zone	C	M
92	N0507	PC7	Why the records are to be updated about fire fighting equipment's and accessories ?	To know the consumption pattern	To arrange and make up short fall of these items	To manage any emergency situation arises	All of these	D	M
93	N0507	PC8	The Fire safety awareness in the mining industry is done by	Regular lecture classes at VTC	Mock drills at Site	Interactions with Fire safety department	All the above	D	E
94	N0507	PC9	The First Aide for Burn injury is	Apply oil over the wound	Pour cold water	Do nothing	Apply ointment	B	M
95	N0507	PC9	The Fire Burn]ns are classified into how many categories ?	3	2	1	4	3	M
96	N0507	PC9	The inspection for Fire safety is to be conducted	During every shift	During every day	As and when required	Once a month	A	M
97	N 0507	PC8	How Fire accidents can be prevented ?	By storing inflammable	Regular inspection and actions to prevent fire	Mock drills and lecture class	All the above	D	E



				materials away from source of ignition.					
98	N0507	PC8	What advice a fireman gives to people during a fire accident in a house ?	Get out of the house	Stay out	Call for help from Fire brigade	All the above	D	E
99	N0507	PC1	What will happen if Electric arc welding work is done near a oil storage store	Nothing will happen	Fire accident will happen	The area will get over heated	None of these	B	E
100	N0901	PC7	As per DGMS which material is not to be stored in a underground gassy mine	Water	Methane Gas	Inflammable materials	Wire rope	C	E