

**Job Role: Driver Special Vehicle
MIN/NO207**

Sr. No	NOS Code	PC Code	Question	Option A	Option B	Option C	Option D	Answer	Level-E/M/H
1	MIN/NO232	PC1	Water sprinkler truck should be _____	attached with tractor	attached with truck	both	none of the above	B	E
2		PC1	The first step to checking the vehicle will be to _____	check oil	check brake	both	none of the above	D	E
3		PC1	One must check and verify the functioning of brakes with a/an _____	empty vehicle	loaded vehicle	empty as well as loaded vehicle	none of the above	C	E
4		PC2	Before moving the vehicle in the drive mode, the engine has to be started and be kept for a few seconds as it helps _____ -	the oil to reach the engine	the vehicle to warm up	the engine to get heated	none of the above	A	E
5		PC2	The hydraulic pressure should be checked for _____	Proper lifting	correct and proper speed	proper lubrication	none of the above	A	E
6		PC2	The audio visual alarm is mainly used while _____	reversing the vehicle	speeding up the vehicle	parking the vehicle	none of the above	A	E
7		PC3	The vehicle should be prepared in accordance with the _____	check list provided	previous experience	both	none of the above	A	E
8		PC3	A tractor tanker is not a preferred vehicle because the _____	tanker has no brakes	it is comparatively smaller in size	both	none of the above	A	E
9		PC4	To clear visibility for work operation _____	One has to wait for a clear weather	The rear view mirrors and the glasses have to be cleaned well for perfect visibility	both	none of the above	C	M

10		PC4	Dumper should be parked daily in the _____	workshop	parking area	mine site	anywhere	B	M
11		PC5	For the proper functionality of the vehicle the parts should be _____	changed daily	lubricated at regular intervals	both	none of the above	B	M
12		PC5	Before starting the vehicle the driver has to confirm _____	is no one is below the vehicle	if the vehicle is in hand brake mode or not	both	none of the above	A	M
13		PC5	Once the driver sits in the vehicle, the driver has to adjust _____	driving position	rear view mirror	seat belt	all of the above	D	M
14		PC6	The condition of the _____ also has to be checked.	parking brake	main horn	reverse horn	all of the above	D	M
15		PC6	The fuel tank must be cleared from _____	drain water	sediments	both	none of the above	D	M
16		PC7	If need arises, coolant and oil should be topped up in _____	engine	transmission	both	none of the above	C	D
17		PC7	Grease in good quantity should be applied to _____	greasing pins	pivot points	both	none of the above	C	D
18		PC8	_____ must be checked primarily	gauges	warning lamps	safety devices	all of the above	D	D
19		PC9	The footplates must be cleaned _____	to avoid the slipping of the foot	a part of checklist point	both	none of the above	C	D
20		PC9	All maintenance should be recorded in _____	pocket diary	logbook	normal note book	none of the above	B	D
21		PC10	The battery should be checked properly to avoid _____	cooling	starting problem	steering issues	none of the above	B	E

22		PC11	Fluid levels should be checked properly to avoid the problem of _____	transmission	starting	steering	none of the above	A	E
23		PC11	If the vehicle needs to be prepared for loading then one must check the _____	hydraulic pressure	air pressure	air compressor	all of the above	A	E
24		PC12	The operation of removing trapped air from the hydraulic braking system is known as	trapping	tapping	bleeding	cleaning	D	M
25		PC13	The battery is an electrochemical device, which means battery _____	makes chemical by mechanical means	uses chemical action to provide electricity	has curved plates instead of flat plates	does not use an electrolyte	B	M
26		PC14	A clutch is usually designed to transmit maximum torque which is _____	equal to the maximum engine torque	80 % of the maximum engine torque	150% of the maximum engine torque	none of the above	C	M
27		PC14	What should be checked outside the cabin?	lights	mirrors	wipers	all of the above	D	M
28		PC15	SA driver should always check for an emergency _____	spare tire	wheel wrench	jack	all of the above	D	D
29	MIN/N0233	PC1	If any fire occurs on a vehicle containing explosives, all other traffic should be stopped at least meters from the vehicle and that all persons in the vicinity should be warned of the danger.	100 meters	450 meters	200 meters	500 meters	D	E
30		PC1 should never be transported along with the any other explosives.	Exploder	P5 Explosive	Detonators	Gun Powder	C	E

31		PC1	Every road van shall be provided with two fire extinguishers of minimum kilograms capacity. One of the extinguishers shall be capable of dealing with fire involving electric circuits and the other, with other inflammable components	4 KG	1 KG	3 KG	2 KG	D	E
32		PC2	When there is a convoy of two or more vehicles transporting explosives, where applicable, a space of at leastmetres shall be maintained between each such vehicle.	100 meters	450 meters	200 meters	500 meters	D	E
33		PC2	No person shall load or unload explosives onto or from a licensed vehicle, except when the engine of the vehicle is	the hand brake applied.	Engine stopped	the wheels choked	All of them	D	E
34		PC3	In case of breakdown of road van the driver or the person in charge of vehicle shall:-	Make or permit to be made minor repairs if the repairs can be made without hazard	Where majors are equired, prevent such repairs being made until the explosives are transferred to another vehicle.	Distance from the highway at least 300 meters and inhabited premises.Explosives are removed from the vehicle and stored under proper security at a safe	All of the Them	D	E
35		PC3	What documents should be required during transportation of explosives?	Copy of indent.	Copy of road van license	Original copy of bill of explosives being transported	All of the above.	D	E
36		PC3	The driver must check if the fire extinguisher _____	is in its proper place	expired or not	properly locked	All of the above.	D	D

37		PC3	During the lading of explosives into a vehicle for transportation, the person should ensure that:-	During normal course of transport they will not move and will be protected against friction and bumping	It should be necessary to unload any of the explosives, those remaining can be restored with as little disturbance as possible.	Both (a) and (b).	None of Them	C	D
38		PC4	When the amount of explosives shall be loaded in explosives van then blaster shall give _____	amount for explosive	receipt of explosive	order for next day	None of the above	B	D
39		PC4	Person responsible for the transportation of explosives are to ensure that _____	suitable communication system	appropriate communication plan	route card is prepared	all of the above	D	D
40		PC4	The drivers of the trucks used to deliver explosives and not permitted to other work is called _____	explosive transporter	explosive loaders	explosive handler	no any one	C	D
41		PC5	During the lading of explosives into a vehicle for transportation, the person should ensure that:-	During normal course of transport they will not move and will be protected against friction and bumping	It should be necessary to unload any of the explosives, those remaining can be restored with as little disturbance as possible.	Both (a) and (b).	None of Them	C	E
42		PC5	When the amount of explosives shall be loaded in explosives van then blaster shall give _____	amount for explosive	receipt of explosive	order for next day	None of the above	B	E

43		PC5	Person responsible for the transportation of explosives are to ensure that _____	suitable communication system	appropriate communication plan	route card is prepared	all of the above	D	D
44		PC6	The drivers of the trucks used to deliver explosives and not permitted to other work is called _____	explosive transporter	explosive loaders	explosive handler	no any one	C	M
45		PC6	The word explosive painted on the rear of a truck carrying explosive must be painted in which color	black	red	green	white	D	M
46		PC6	Amount of explosives and blasting caps should be unloaded at the _____	office	store	blasting site	out side the office	C	M
47	MIN/N0234	PC1	The word explosive painted on the rear of a truck carrying explosive must be painted in which color	black	red	green	white	D	M
48		PC1	Amount of explosives and blasting caps should be unloaded at the _____	office	store	blasting site	out side the office	C	E
49		PC2	How much ahead should you be looking as part of a scanning routine?	4 secs	8 secs	2 secs	12 secs	D	E
50		PC2	What is the biggest distraction while driving?	lighting a cigarette	talking on the mobile phone	other passengers	none of the above	D	E
51		PC2	what is fatigue?	feeling tired	exhausted	sleepy	all of the above	D	M
52		PC3	Hydraulic pressure should be accurate for _____	good speed	carry efficient load	good breaking	none of the above	B	E
53		PC3	The hydraulic lifting cylinder should be accurate for	proper unloading	for load carrying	both	none of the above	D	M
54		PC4	What is the rear camera used for ?	for safety	see rear at reversing	both	none of the above	B	M

55		PC4	Water sprinkler is operated by the _____	lever at rear the vehicle	lever at cabin the vehicle	no levers	none of the above	D	M
56		PC5	Water should not be sprinkled at the _____	mine pit	haul road	ramp	all of the above	C	M
57		PC5	Mirrors should be adjusted for _____	proper view of people working around	proper view of loaded materials	the view of rear	all of the above	C	M
58		PC5	_____ should not be used while driving	mobile phone	safety shoes	helmet	seat belt	A	M
59		PC5	_____ should always be worn while driving	Goggles	helmet	seat belt	watch	C	D
60		PC6	Always follow the _____	Vehicles before you, instead of overtaking them	traffic rules	both	none of the above	B	D
61		PC6	Work site should be inspected to identify _____	any loose soil	hidden deep trenches	marshy patches	all of the above	D	D
62		PC6	Speed should not be more than what is specified by the _____	manufacturer	mining safety authority	both	none of the above	B	D
63		PC6	Load should not be more than what is specified by the _____	manufacturer	mining safety authority	both	none of the above	B	D
64		PC7	To start the engine in cold weather _____	use priming pump	pre heat it	both	none of the above	C	D

65		PC7	In what order should you replace spark plugs?	all at once	an entire row at once	one at a time, starting of the bottom of the row	one at a time, starting at the top of the row	C	E
66		PC7	You are replacing a fuel tank. You have drained and stored all the gas in vehicle. What is next step?	Straps off the tank and drop it	Disconnect the fuel line	Drop the rear suspension	none of the above	D	E
67		PC7	In a transmission problem, what you do first?	check the fluid level	check for leaks	look at the filter	disassemble the transmission	A	E
68		PC8	If replacing brake pad and already removed the wheels, what is next step for most vehicles?	remove the old brake pads	unbolt the caliper	break the lugs	none of the above	B	E
69		PC8	A low mileage vehicle is running hot, radiator has enough coolant, what is the most likely problem	the water pump is broken down	the thermostat has stopped working	both	none of the above	C	E
70		PC8	A vehicle is pulling one side as it drives, what is most common cause?	uneven tyre wear	bad alignment	low or uneven tire pressure	a sticking brake caliper	C	E
71		PC8	If black smoke is mixed into the exhaust of vehicle, it causes _____	leaking fuel injector	a closed carburetor choke	a dirty air filter	any of the above	D	E
72		PC9	What is the last step in brake job?	replace the caliper assembly	replace and tighten the nuts	press the break pedal to make sure the break pressure is satisfactory	none of the above	C	M

73		PC9	Gray or blue smoke in exhaust , may cause _____	worn valve seals	the PCV valve needs to be replaced	the engine has a mechanical problem	any of the above	A	M
74		PC9	A brake pedal has no or little air pressure - what is most unlikely cause for the statement?	a bad master cylinder	air in the brake fluid	vacuum problems	low brake fluid	C	M
75		PC9	What is cause of engine consuming too much oil?	a leaking air-to-water cooler	a cracked cylinder	leaking gaskets and/or seals	worn piston rings	C	M
76		PC9	What is the most common reason that the vehicle will not start?	a bad fuse	a dead battery	a bad starter	a bad ignition switch	B	M
77		PC9	A brake pedal has to go down too far to stop, which is not likely to cause?	low brake fluid	worn brake pads	contaminated brake fluid	a brake line obstruction	D	D
78		PC9	During transmission there is tendency of leaking over time. which is not a common spot for a leak to occur?	the drain hole beneath the transmission	the base of the filler tube	the filter housing	the mounting point of the speed sensor	C	D
79		PC9	The vehicle is knocking when it goes over bumps or cracks in the road. What is the likely cause for the same?	low power steering fluid	shocks or struts that need to be replaced	a broken tie rod	a worn power steering belt	B	D
80		PC9	Routine maintenance should be in accordance with _____	manufacturer recommendation	company procedure	both	none of the above	C	E
81		PC9	Footplates, pedals should be free from _____	mud	dirt	ice and snow	all of the above	D	E

82		PC10	The _____ should be replenished	coolants	lubricants	fluids	all of the above	D	E
83		PC10	All pins and pivots should be _____	grease	replace daily	both	none of the above	A	E
84		PC10	To avoid starting troubles check the _____	battery level	condition of terminals	both	none of the above	C	E
85		PC10	If you carry out maintenance, you must ensure that	vehicle is on firm ground	vehicle is in level ground	both	none of the above	C	E
86		PC10	In articulated vehicles ensure that locking bar is in position to prevent the _____	front chassis moving	rear chassis moving	both	none of the above	C	E
87		PC10	No maintenance task is performed on the engine when it is _____	running	still hot	both	none of the above	C	E
88		PC10	What is used in the various functions of the dumper ?	basic physics	basic mechanics	both	none of the above	C	M
89		PC10	The driver must check if the fire extinguisher _____	is in its proper place	expired or not	properly locked	all of the above	D	M
90		PC10	_____ should be at optimal levels of control indicators	fuel gauge	engine oil pressure	temperature	all of the above	D	M
91		PC11	While handling the vehicles in mine the driver must know _____	safety regulation	traffic rules	code of practice	all of the above	D	M
92		PC11	What among these is a type of brake?	service brake	torque brake	parking brake	all of the above	D	M
93		PC11	_____ must be used in down slopes	retarders	hand brakes	both	none of the above	A	D

94		PC11	One of the valid reasons for accident occurrence is _____	defective dumper driving	over speeding	tiredness	all of the above	D	D
95		PC11	If fire occurs in a vehicle one must use _____	water for sprinkling	sand buckets	fire extinguisher	all of the above	C	D
96		PC11	If the engine coolant leaks into the engine oil, then engine oil	appears milky	becomes foamy	turns black	none of these	A	E
97		PC11	The function of an alternator in an automobile is to _____	supply electric power	convert mechanical energy into electrical energy	continually recharge the battery	none of these	C	E
98		PC11	What type of bearing is used for main bearing and connecting rod bearing?	ball bearing	plain bearing	needle roller bearing	taper roller bearing	B	E
99		PC11	The torque available at the contact between driving wheels and roads is known as	brake effort	tractive effort	clutch effort	none of these	B	E
100		PC11	A traction control system in automobile controls the _____	vibration on the steering wheel	engine power during acceleration	torque that is transmitted by tyre to road	stopping distance	D	E
101		PC11	The oil pump is driven by the _____	camshaft	alternator shaft	crankshaft via drive belt	crankshaft directly	D	E
102		PC11	The effort of having excess camber is _____	excessive steering alignment torque	hard steering	too much traction	uneven tyre wear	D	E
103		PC11	If the air fuel mixture in a spark ignition engine is too rich, air fuel ratio is about _____	17:01	15:01	13:01	10:01	D	E

104		PC11	The ease with which petrol vaporizes is called its _____	oxidation	octane number	volatility	cetane number	C	E
105		PC11	A four cylinder engine has a capacity of 2.4 litres. The swept volume of one cylinder is _____	400cub cm	600cub cm	1200cub cm	2400cub cm	D	M
106		PC11	The coefficient of friction for the clutch facing is approximately _____	0.1	0.4	0.8	1.2	B	M
107		PC11	The component that connects the steering rack to the knuckles is _____	tie-rod	sector gear	pivot	spline	A	M
108		PC11	The cetane number of a diesel fuel is a measure of _____	volatility	viscosity	ignition quality	delay period	D	M
109		PC11	The cetane rating of diesel fuel is in the order of _____	25	45	70	90	B	D
110		PC11	The most commonly used supplementary restraint system (SRS) component is _____	seat belt	brake	air bag	steering	C	D
111		PC11	The natural gas is compressed in a CNG cylinder at a pressure of _____	200 bar	220 bar	250 bar	300 bar	A	D
112		PC11	In an ideal condition what should be safe distance in terms of time?	2 secs	5 secs	10secs	1 secs	D	E
113		PC11	Safe distance between two vehicles depends on _____	speed	driving condition	type of vehicles	all of the above	D	E
114		PC12	If driving in fog or poor weather condition then _____	use fog lights	reduce speed	both	none of the above	C	M
115		PC12	While driving in the night make sure that _____	windshield are clean	headlights are clean	both	none of the above	C	M

116		PC12	Head lights of the vehicle should be turned on _____	1 hour before sun set	1/2 hour before sun set	2 hours before the sun set	after the sun set	D	M
117		PC12	Vehicles should not be parked _____	below hanging bolder	near by bench face	at loading site	all of the above	D	M
118		PC12	At the loading point to avoid the touch vehicle and loading machine, one should use _____	stopper	brake	mirror	all of the above	D	M
119		PC12	At the unloading points , vehicle should not keep _____	dumping edge	on dump	both	none of the above	A	D
120		PC12	_____ should be at the dumping edge	berm	clean	undercut	all of the above	A	D
121		PC12	what should be height of berm in the dump edge?	1 meter	equal to wheel diameter	3 meter	1/2 meter	B	D
122		PC12	After dumping, the dumper must be lowered to _____	avoid struck by electric wires	avoid unbalance	both	none of the above	C	D
123								B	
124	MIN/N0902	PC1	The medical examination that should be done before employing the operator or driver is called _____	initial medical examination	medical checkup	medical examination	none of the above	A	E
125		PC1	The process where medical examination should be conducted once every five years is called _____	periodical medical examination	medical checkup	medical examination	none of the above	A	E
126		PC1	The person employed as driver or operator should be _____	medically fit	well trained	above 18 year	all of the above	D	E
127		PC1	At the beginning the operator/driver should take the vehicle from _____	workshop	parking spot	agency	manufactu rer	B	E

128		PC2	The person who enters the mines should always carry safety apparatus such as _____	safety shoes	helmet	Safety Goggles	all of the above	D	E
129		PC2	what should be the safest speed of vehicles in mine site ?	20 kmph	30kmph	40kmph	as per code of traffic rule	D	E
130		PC2	Who can make code of traffic rule in mines?	mines manager	mechanical engineer	traffic police	none of the above	A	E
131		PC2	To avoid touching the vehicles in front of yours, one must always _____	Maintain safe distance	apply brakes	wait to reach destination to front vehicle	none of the above	A	E
132		PC3	Operators /drivers should not be leave vehicle cabin at the _____	loading site	unloading site	both	none of the above	C	E
133		PC4	In an ideal condition what should be safe distance in terms of time?	2 secs	5 secs	10secs	1 secs	D	E
134		PC5	Safe distance between two vehicles depends on _____	speed	driving condition	type of vehicles	all of the above	D	E
135		PC6	If driving in fog or poor weather condition then _____	use fog lights	reduce speed	both	none of the above	C	M
136		PC7	While driving in the night make sure that _____	windshield are clean	headlights are clean	both	none of the above	C	M
137		PC8	Head lights of the vehicle should be turned on _____	1 hour before sun set	1/2 hour before sun set	2 hours before the sun set	after the sun set	D	M
138		PC9	Vehicles should not be parked _____	below hanging bolder	near by bench face	at loading site	all of the above	D	M
139		PC10	At the loading point to avoid the touch vehicle and loading machine, one should use _____	stopper	brake	mirror	all of the above	D	M

140		PC11	At the unloading points , vehicle should not keep _____	dumping edge	on dump	both	none of the above	A	D
141		PC12	_____ should be at the dumping edge	berm	clean	undercut	all of the above	A	D
142		PC12	what should be height of berm in the dump edge?	1 meter	equal to wheel diameter	3 meter	1/2 meter	B	D
143		PC12	After dumping, the dumper must be lowered to _____	avoid struck by electric wires	avoid unbalance	both	none of the above	C	D