

**Job Role: Dumper Operator**  
**MIN/NO407**

Sr. No	NOS	PC	Question	Option A	Option B	Option C	Option D	Answer	Level-E/M/H
	Code	Code							
1	MIN/NO407	PC1	Dumber operator should check .....before starting the dumper	Oil level of engine transmission	Radiator collent	Brake	All of these	D	E
2			What is circle time	Time taken by dumper in reaching back	Dumping time	Loading time	All of these	A	E
3		PC2	Different type brake provided in dumpers are	Service brake	Body holding brake	Parking brake	All these	D	E
4			What is retarder brake	Used while braking	Used while on level road	Used to control over speeding during downhill journey	None	C	M
5		PC4	The hydraulic hoses are made of.....	Rubber	PVC	Fire resistance material	All three	C	M
6		PC5	The duty of dumper operator includes checking of conditions of	Horns, headlight, parking brake	BODY OF DUMPER	Face condition	All these	A	E
7		PC6	Checking of various controls, gauges, warning lamps is done by	Overman	MINING SIRDRAR	Dumper operator	None of these	C	E
8		PC8	Checking fire extinguishers are provided is responsibility of	Overman	FITTER	Engineer	Operator	B	E
9			Checking of driving position , mirrors and seat belt is to be done by	Filter helper	DUMPER OPERATION	Mining sirdar	All three	C	M
10		PC8	At the beginning of shift collent are sufficient is checked by	Mechanic	OPERATOR	Helper	None	B	E
11		PC14	Cleaning of steps are required to be free from dirt, oil etc.	To avoid slipping	Look better	Any of A and B	None	A	M
12		PC15	All the details of inspection shall be.....	Informed to supervisor	Recorded in logbook	For his own knowledge	Not required to be required	B	M

13	<b>MIN/NO040 8</b>	<b>PC1</b>	Check audio visual alarm is working properly. It is required.....	To warn all persons about danger	To warn person present behind the dumper	Both A and B	Not required	B	M
14		<b>PC5</b>	Wearing seat belt is required to.....	Protect operator from injury	So that the operator does not fall	Both A and B	None	A	M
15		<b>PC5</b>	Any defect notified by operator during inspection shall be notified	Fitter	Mining Sirdar	Supervisor of machine	All three	C	E
16		<b>PC5</b>	Operator should start the dumper only after	Defects ratified	Supervisor clears for starting	Operator checked himself	All three	D	E
17		<b>PC8</b>	What is height of bench in open cast mine	The height of machine	The boom length of machine	The digging height or reach of machine	All three	C	M
18		<b>PC8</b>	The width of bench shall be equal to or more than	Width of machine	Two times width of dumper	Any of these	Equal to height of bench or more	D	H
19		<b>PC12</b>	The dumper operator should ensure while parking on bench that it is not parked at a place	Water is present	Dust is present	All three places	There is loose material hanging on bench	D	H
20		<b>PC19</b>	The width of bench shall not be less than	Width of machine plus meter	Width of dumper plus two meter	Height of bench plus three meter	Any of these	A	H
21		<b>PC16</b>	Gradient of haul road should not be more than	1 IN 10	1 IN 16	1 IN 20	1 IN 14	B	M
22			Gradient at ramps may be	1 IN 15	1 IN 20	1 IN 10	1 IN 12	C	M
23		<b>PC16</b>	The stretch of ramps at steep gradient shall not be more than	20mts	10mts	30mts	15mts	B	M
24			Visibility should be clear to dumper operator at benos corners to a distance of at least	50mts	60mts	30mts	20mts	C	M

25		<b>PC16</b>	WHERE CLEAR VISIBILITY OF 30mts CAN BE PROVIDED .....	Separate roads are provided for up and down traffic	Gradient should be reduced	Both A AND B	None of these	A	M
26		<b>PC21</b>	Where haul road is above the surrounding ground.....	Ground should be levelled	Beam should be provided	Light should be provided	Sigh board should be placed	B	E
27		<b>PC21</b>	The base of beam should not be less than	3 mts	2mts	1.5mts	2.5mts	D	E
28			The top of beam should not be less than	2mts	1.5mts	1mts	0.5mts	C	E
29		<b>PC21</b>	The height of beam should be more then.....	DUMPER DIA	Hale of dumper oia	1.5 MTS	2.0 MTS	A	E
30		<b>PC12</b>	Width of haul road should not be less than	2 times the width of largest dumper	3 times plus 2 mts of width of dumper	3 times width of dumper plus 5 mts	3 times width of dumper plus 10 mts	C	H
31		<b>PC12</b>	At curves and bend to prevent tropling of dumper, haul road should be	Kept level	Super elevated	Parapet wall should be provided	None of these	B	H
32			In dumping area the height of beam should be...	Equal to half the dia of dumper type	0.5 MTS	3.0 MTS	0.75 MTS	A	E
33		<b>PC12</b>	Height of dump should not be more than	60 MTS	15 MTS	30 MTS	5 MTS	C	M
34		<b>PC14</b>	The slope of dump shall not exceed.....from the horizontal	45°	15°	37.5°	5°	C	H
35			The overall slope of dump shall non exceed 1 horizontal to vertical to ....	2	3	1.5	2.5	C	H
36		<b>PC14</b>	Dump shall be inspected for.....	Drainage system	Cracks of any type	Height of dump	All three	D	M
37			Dumping area should be.....	Nell lighted	Not over crowded with person	Not over crowed with machine	All three	D	M
38		<b>PC14</b>	Dumping of carbonaceous shale and coal along with over burn shall not be done as it can.....	Catch fire	Start spontaneous heating	Both A and B	None	C	H
39			In dumping area dumper should operate	Under supervision of mining sardar	Traffic in charge	Both A and B	None	A	E

40		<b>PC12</b>	Spraying in dumping is done for.....	Keeping the area clean	Supressing the dust	Quenching the fire	None	B	M
41			Air born dust result into	Poor visibility	Accident	Harmful for health	All three	D	M
42		<b>PC12</b>	Before starting the dumper the operator should not blow the horn	It creates pollution	Wrong	To direct persons	It is not required	B	E
43			Dumper operator shall not operate the vehicle unless...	Authorised by the manager of mine	Taken training of the vehicle	Know the layout of the road	All three	D	M
44		<b>PC12</b>	Maximum speed limit of mine is	60km/hr	50km/hr	40km/hr	20km/hr	C	E
45			Dumping reversing to the beam of dump yard shall not travel at a speed more than.....	15km/hr	10km/hr	20km/hr	5km/hr	D	E
46		<b>PC12</b>	Dumpers approaching dump yard from haul road shall not travel at a speed more than	30km/hr	20km/hr	15km/hr	10km/hr	C	E
47			Where visibility or road conditions are poor dumper operator shall	Reduce speed	Use retard brake	Travel at a speed of 10km/hr	Wait for good visibility	A	E
48		<b>PC12</b>	At the haul road water tanker , grader , dozer shall move	On right side	On left side	Middle of haul road	Any where	B	E
49			Dumper shall be parked	Any where	In dump yard	In the mine area	At designated place	D	E
50		<b>PC19</b>	Before leaving the parked vehicle, operator should ensure	Dumper is on ground level	Pranking brake on	Wheels are blocked with wooden block	All three	D	E
51	<b>MIN/N0409</b>	<b>PC1</b>	The sound level of ava should be .....higher than ambient noise level	20-30%	10-30%	5-20%	5-10%	C	H
52			For preventing collusion of dumpers .....shall be provided	Bumper extension	Tail end protection	Any other such device	Any of three	D	H
53		<b>PC1</b>	For protection against fatigue .....shall be provided for operators	Warning system for operator	Ergonomically design seat	Limited hours of working	All three	D	H
54			Dumper operator should be medically tested for eye refraction test once in a .....	3YEARS	5YEARS	ONE YEAR	ANY TIME	C	H

55		<b>PC12</b>	While persons are working underneath when engine is on dumper should be provided with	Anti-skid device	Steering locking device	Tail end protection	None of these	B	H
56			In open cast workings automatically operated fire detection and suppression system shall be provided in every	HEMM	Trucks	Attendance room	None	A	H
57		<b>PC1</b>	In dumper less than 35 tonne capacity.....can be considered sufficient for	Fire extinguisher	Incombustible material	Semi-automatic type fire suppression	Any of these	C	H
58			While approaching other equipment operator shall.....	Sound audible warning signal	Light the signal light	Any of a and b	Both a and b	A	E
59	<b>MIN/N0410</b>	<b>PC1</b>	Brakes of dumper shall be tested once in .....	One week	Daily	Two week	None of these	C	M
60			Parking brake is tested by keeping fully loaded dumper on 1 in 10 gradient for.....minutes without movement	5	10	15	20	A	M
61		<b>PC3</b>	The standard of lightening at places of loading shall be	10H 15H	40H 10H	15H,15V 20H	25V 40H	C B	H H
62			Haul roads for dumpers	15H	10H	20H	40H	B	H
63		<b>PC3</b>	What is proximity warning device	To give warning to persons	To alert the operator when approaching other vehicle/obstruction	Both a and b	None of these	B	H
64			Operator should be know how to use .....when fire occurs in dumper	Fire extinguishers	Seat belt	Parking brake	None	A	E
65		<b>PC3</b>	What is simulator training	Actual training on dumper	Creating same condition as of dumper with all operation	Training in class	None	B	M

66			Dumper should be reversed only....	When placing for loading	During dumping	At designated place	All three	D	M
67		<b>PC4</b>	The breakdown dumper obstructing the roadway shall be placed with.....	A caution sign in front	A caution sign of back	A caution sign on rear and back	None of these	C	M
68			Operator shall be responsible for.....under control	Cleanliness	Oil and water check	Tyres and fuel	All these	D	M
69		<b>PC4</b>	A clear and distinct signal shall be provided....	Change the direction	Speed	Both A and B	None	C	M
70			Operator should wear seat belts.....	Always when on seat	On his choice	While load is being done	Not needed	A	E
71	<b>MIN/N0434</b>		What is IME	Initial medical examination	Internal mining examination	Internal medical examination	None	A	M
72			What is PME	Personal medical examination	Periodical medical examination	Periodical mining examination	None	B	M
73			As per mine rule period of PME is.....	At every 5 year interval	At every 3yrs interval	Every year	None	A	M
74			AS PER 11th NATIONAL CONFERENCE RECOMONDATION PME IS DONE	At every 2 years	Every year	At every 5 years	At every 3 years	D	H
75			What is notified disease	Occupational disease	Industrial disease	Disease notified by central government in official gazette	None	C	H
76		<b>PC1</b>	Pneumoconiosis is a.....	Notified disease	Industrial disease	A kind of fever	None	A	E
77			Which of these are not notified disease	Pneumoconiosis	Noise induced hearing loss	Silicosis	Skin disease	D	M

78		<b>PC1</b>	Person detected containing pneumoconiosis should be	Placed to work in non-dusty atmosphere	Continued to work at same place	Provided with dust mask	None	A	M
79		<b>PC1</b>	Pneumoconiosis occurs due to	Coal dust	Water	Humidity	High temperature	A	E
80			Coal dust should not be more than .....mg/m <sup>3</sup> in air borne respirable dust where free silica present is less than 5%	3	5	2	1.5	C	H
81		<b>PC1</b>	What is PPE	Personal protective equipment	Public private enterprise	Personal protective equipment	None	C	E
82			Which of these is not PPE	Helmet	Shoe	Gloves	Reviving apparatus	D	H
83		<b>PC1</b>	What is SOP	Safety of persons	Safe operating procedure	Safety of people	None	B	E
84			What is COP	Code of practice	Code of persons	Code of presentation	None	A	E
85		<b>PC4</b>	Accidents occur due to	Unsafe act	Unsafe condition	Unsafe procedure	All three	D	M
86			Fire requires these elements	Oxygen	Fuel	Heat	All three	D	H
87		<b>PC4</b>	Class a fire involves	Carbonaceous solids	Inflammable liquids	Combustible gases	All three	A	H
88			Solid carbonaceous material fire is dealt with	Water	Sand	Soda acid extinguisher	All three	D	H
89			Liquid combustible material fire is dealt with	Soda acid type	Water	Form type	None	C	H
90		<b>PC5</b>	(90)all type firefighting systems must be approved by	DGMS	Manager of mine	Safety officer of mines	Anyone these	A	M
91			All firefighting system , equipment's materials shall be examined by competent person once in every	3month	6month	2month	One month	D	H

92		<b>PC8</b>	What is misfire	Blasting operation	Exploder failure	Failure to explode entire charge	All three	C	M
93			Misfire is due to	Faulty operation	Faulty exploder	Bad quality detonator	Any of these	D	M
94		<b>PC9</b>	Nitrous fumes are produced in blasting of	NG EXP	Ammonium nitrate exp	Any exp.	None	A	H
95		<b>PC9</b>	Nitrus fumes are tested by	Methanometer	Toximeter	Hygrometer	Multi gas detector	D	H
96		<b>PC10</b>	Worker should not be allowed without appropriate ear protection in area of noise level	85dB(A) OR MORE	90dB(A) OR MORE	115dB(A) OR MORE	140dB(A) OR MORE	C	H
97		<b>PC10</b>	No worker should be allows an area where the level exceeds	90dB(A)	115dB(A)	140dB(A)	None	C	H
98		<b>PC10</b>	Helmet are to be .....for use in mines	DGMS APPROVED	Any type	Is marked	None	A	M
99		<b>PC11</b>	Mining shoes should be provided at interval not more than.....months(as per cmr.2017)	1 YEAR	3MONTHS	6MONTHS	None of these	C	E
100		<b>PC11</b>	Manufacturers safety instructions should be included while preparation of	SOP	COP	MAINTANANCE SCHEDULE	Any of these	D	E