

Job Role: Bulldozer Operator**MIN/NO205**

Sr. No	NOS Code	PC Code	Question	Option A	Option B	Option C	Option D	Answer	Level-E/M/H
1	MIN/NO215	PC1	Why supervisor give time limit for Pre operational check	to make machine ready for operation	to know condition of machine better	Beneficial in maintaining production time cycle	No use	C	E
2		PC1	The objective of Petroleum Conservation Research Association is	to encourage business of oil	to encourage conservation of oil	to do reasearch work on the use of oil	to control missuse of oil	B	H
3		PC2	What is the benefit of checking engine, transmission oil before starting the m/c	Minimize the breakdown	Machine operates nicely	Machine make less noise	Hydrolic system will work trouble free	A	E
4		PC 2	What happens when engine oil pressure decrease below the required level	Engine may fail due to lack of lubrication	Engine may be over heated	Both A&B are incorrect	Nothing happens	C	M
5		PC 2	Why Oil top up in engine and transmission is essential prior to start the engine	To reduce down time	To increase life time of engine and transmission	To improve productivity and effective utulization	All of the above	D	M
6		PC2	Before operation, just after starting of dozer, what needs to be checked	Transmission shift control lever must be in Neutral position	Parking brakes must be in 'ON' position	Engine Oil pre meter should be as desired	All of the above	D	M
7		PC 2	In cold weather for starting engine, what is to be done before switching on the ignition key and starter button	Pre heater to be made on along	Heat the engine	Heat the fuel tank by fire to	All of the above	A	M

				with priming pump is required	chamber for warm up	make fuel flowable			
8		PC3	For safe use of Bull Dozer, the safe level of hydraulic tank is	Not below high level mark	Oil level may be below high level mark	Level should be above high level mark	In between high and low mark	D	M
9		PC3	After pre operational checkup, the starting sequence of dozer may be	On the ignition key switch and then push the self starter button	May be started by turning on ignition key	By pushing push button to start the engine	All of the above	A	M
10		PC 3	Why coolant top up prior to engine start is required.	To avoid over heating of Engine	To improve effective utilization of machine	To reduce break down time	All of the above	A	M
11		PC3	What happens if hose of Low capacity may be used in hydraulic system	No effect	Cost saving due to less costlier hose	System may work effieciently	Chances of hose leak and m/c breakdown possibilty may increase	D	E
12		PC 3	What happens when opertor ignore glowing of alert indicators during operation of machine	relative componant may fails reslut in b/d of machine.	Increase production	no impect occurs on machine.	All of the above	A	E
13		PC4	We may use parking brake in a dozer for	For reducing speed of Bull Dozer	For stopping Bull Dozer	Both A&B are correct	For stopping and placing machine at shift end	D	M
14		PC4	The function of Warning Lamp in Bulldozer is	Indicating abnormal condition in that componant	indicating failure of equipment	non of above	All of the above	A	M

15		PC5	Check and adjust driving position, rear and side mirrors	For ease in operation and safe driving	For safety of machine	No effect is made in efficient operation	All of the above	A	E
16		PC5	Check and adjust driving position, rear and side mirrors	For ease in operation and safe driving	For safety of machine	No effect is made in efficient operation	All of the above	A	E
17		PC5	Check and adjust driving position, rear and side mirrors	For ease in operation and safe driving	For safety of machine	No effect is made in efficient operation	All of the above	A	E
18		PC5	Advantage of safety system in a machine	For safety of man and machine	for safety of operator only	Machine could not run without safety system	All of the above	A	M
19		PC 5	Audio,visual alaram and rear view camera is functioning	While full operation of Bull Dozer	While loading the Bull Dozer	While reversing the Bull Dozer	None of the above	A	E
20		PC6	If any abnormal thing happens during operation then what needs to be done by operator	Complaint entered in daily log book only.	Supervisor must be informed immediately for onward action	Inform other colleagues only	No action required and operate the machine as usual	B	M
21		PC6	The use of Fan belt in a machine	For operating engine	for cooling of engine	for operating of hydrolic pump	All of the above	B	E

22		PC6	what happens if battery terminals and connections are loose	Spark may occur which may lead to fire	Inefficient or not charging of batteries	Headlights may not work in night hours due to drain out batteries	All of the above	D	E
23		PC 6	In which situation operator can loose control of the machine	Breaking/ Stopping abruptly	On sudden turning off machine	Drive with high speed on down slope from straight way	All of the above	D	M
24		PC7	What happens when air cleaner elements got choked in a Bull Dozer	Bull Dozer stopped functioning	Nothing happens	Equipments will not take full load while working	All of the above	C	M
25		PC7	How indication appears for clogging of air cleaner element in running machines	Machine stopped in between operations	No effect occurs by clogging of air cleaner element	Red indicator appears in Clog button	No sign appears in running machine	C	M
26		PC7	Cleaning of air filter bowls before starting Bull Dozer	as per scheduled by manufacturer	it is essential on weekly basis	daily cleaning of bowls is good	All of the above	C	M
27		PC7	Outer air cleaning element should be cleaned	as per scheduled by manual of manufacturer	as and when required only	No scheduling is essential	All of the above	A	E
28			Why steps and foot plates cleaning is essential from mud, oil and grease point of view	It is a wastage of time	Cleaning is not at all essential	For ease in operations and greasing in pins for smooth operations of pedals.	All of the above	C	E

29		PC 8	If engine could not start after pressing push button for more than 30 seconds. After how much time 2nd try to be attempted	Immediately after 1st attempt	After waiting for 2 minutes	After waiting for 5 minutes	None of the above	B	M
30		PC8	Conservation of oil is Important because	Production of oil is dangerous	Oil reserves are limited	Scientist would have gold out of it.	Use of oil is hazardous	B	M
31		PC8	In case of over heating of running bull dozer, coolant level may be checked by	Uncover the radiator cap instantly and topup the coolant	Cap may be opened after running engine idle for sometime	Both are correct	None of the above	B	E
32		PC 9	What occurs if auto grease system of a Bull Dozer fails	Nothing happens	Increase wear and tear of corresponding components	Pre mature failure of parts	B & C are correct	D	E
33		PC 9	In present days, why machines are equipped with auto greasing system	It is wastage of money	No use of auto greasing system	Effective and timely greasing increase life of equipments	All of the above	C	M
34		PC10	Why water draining is required from fuel tank prior to start the machine	To avoid contamination	Maintain quality of fuel	Better engine efficiency	All of the above	D	M
35		PC10	Why water accumulated in fuel tank bottom of any machine ?	Because water is heavier than diesel	Because water is insoluble in diesel	Because water vapor condensed in idle condition.	All of the above	A	M
36		PC11	Why viewing of log book seems to be good before operating Bulldozer , because	Operator can know about machine result in	Operator can know condition of Lub. Oil and	Operator can know coolant	All of the above	A	M

				minimise the break down	transmission oil	top up conditiontion			
37		PC11	Why maintainance of daily logbook by oerator is required	There is no need to maintain daily logbook	To know the machine condition for next shift operation	As required by manager only	To increase shift working hours	B	E
38		PC11	Maintaining of daily operating hours in logbook is essential for	It is statutory requirement only	For scheduling next service of engine and other relative components	It is requird by company's guidelines	All of the above	B	M
39		PC 12	If any abnormal thing happens during operation then what needs to be done by operator	Complaint entered in daily log book only.	Supervisor must be informed immediatly for onward action	Inform other collegues only	No action required and operate the machine as usual	B	M
40		PC 12	Why communication is essential to supervisor in case of any problem in dozer during work?	Replace the Bulldozer on site by another to minimize the production loss	In case of problem Bull Dozer may be stopped immediatly	No need to inform supervisor, only reporting in logbook is sufficient	All of the above	A	E
41		PC 13	Who can authenticate Bulldozer operator for operation in mines ?	Mines Manager	Supervisor must be informed immediatly for onward action	Incharge of Operation	All of the above	A	M

42		PC 13	Why authorisation is essential in mines before operating any Bulldozer	No need of authorisation	Any operator can operate Bulldozer	As per guidelines of DGMS	All of the above	C	M
43	MIN/N0216	PC1	What is The benefit of organized working in mine production	Minimize idle time and increase productivity	No benefit of organized working	Equipment life may be increased	All of the above	A	E
44		PC1	why it is good practice to finalise the action plan of dozing job prior to start work at site ?	By proper planning maximum out put can achieve with minimum efforts.	Work can be achieved with lesser risk involvement.	Equipment life may be increased	All of the above	A	E
45		PC2	Before starting work site, why sight inspection for loose soil, patches and hidden deep trenches is necessary	For safety of man and machine, it is safe practice	For increased production and productivity	Work sight inspection is not at all necessary	All of the above	A	E
46		PC3	What happens when Bulldozer operates with more than specified load continuously.	Continues over loading may decrease life of equipment.	Nothing happens	Bulldozer build for heavy load working.	non of above.	A	M
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48		PC 6	What are the reasons for late stoppage of dozer while applying brakes	Insufficient air pressure in system	Breakevalve not working properly	Brake paddle could not be pressed properly	All of the above	D	M
49		PC 7	If any abnormal thing happens during operation then what needs to be done by operator	Complaint entered in daily log book only.	Supervisor must be informed immediately for onward action	Inform other colleagues only	No action required and operate the machine as usual	B	M

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59		PC 10	Accidents are more likely to happen in dozer operation. When ?	operared on straight down hill	Failure of control levers.	Failure of Lifting system	All of the above	B	E
60	MIN/N0217	PC1	What happens when reporting/logbook filling is not done by operator	Nothing happens	Next shift operator does not know status of equipment in beginning	It is difficult to do scheduled maintainance work without knowing proper details	Both B&C are correct	D	E
61		PC 1	After completing the work, when Bull Dozer parked on firm level ground an operator must applied	Controls engaged	Always apply handbrakes	Retarder brakes in on position	All of the above	B	E
62		PC2	If some minor defect occurred during operation like lub. oil/trans. oil etc may be below high level mark. In that case operator what will do	Stop machine, fill oil and then again start operation	No need to carry any action and operate machine normally	Operate machine but inform supervisor for problem and topped up in between	Top up lubrication oil in running condition of engine and operate again	C	M
63		PC3	Why reporting system prescribed by organization should be followed strictly in addition to given in manufacturer's manual	organizationl system precribed based on the local working environmental constraint	manuals system may not be sufficient for local working condition	We may follow the system of manuals only	Both A&B are correct	D	M
64		PC4	By obtaining standard working practice, we may increase life of machine and increase productivity, the main factors are	Proper reporting of log book at shift end	Proper documentatio n of reports for oil	Timely carryout the schedule and preventive maintainance	All of the above	d	m

					consumption pattern and working hours in shift				
65		PC5	Why entry in daily log book is very important for Bull Dozer operation	It is not required and not recommended	To identify appropriate condition of machine	No information received from this entry	All of the above	B	E
66		PC5	It is better to fill daily log book sheet of Bull Dozer in appropriate/ standard format design by manufacturer/employer, why?	Ease in knowing scheduled maintainance time and know current daily status	Ease in minimise brakedown by attending preventive maintenance with the help of details entered in logbook	Daily logsheet may be noted in any format	Both A&B are correct	D	M
67		PC6	Why is it necessary to write down all the work details carried out during maintenance, just after completing the work within a given time by supervisor	Chances to forget some work upto next maintenance if not recorded in time	For future reference at the time of scheduled maintenance	Avoid repetation of work before schedule.	All of the above	D	E
68		PC7	Recorded reports may be produced in front of appropriate authorities with regular intervals, what will be the benefits of this ?	Daily watch on machine, monitoring the production.	Productivity may be improved by reviewing records	Ease in finalise the next plan of operation	All of the above	D	E
69	MIN/N0204	PC1	The storage of hazardous material may be carried out	Alongwith the other materials on the shop floor	May be stacked in the store along	Looking to the safety aspect stored	All of the above	C	M

					with other material	separately as per guidelines prescribed by DGMS			
70		PC 1	Flash Point indicates	Rate of Evaporation	rate of burning	Indication of burning	Freezing	C	H
71		PC2	If misfire observed on the worksite during the excavation, what is to be done	Stopped working and fence the exposed misfire area	Working machine may be taken upto the safe zone	Inform supervisor/competent person and put red flag at that point	All of the above	D	M
72		PC3	If fire occurred in store room in wooden sleeper stacks, which class of fire it may be	Class A	Class B	Class C	Class D	A	M
73		PC3	Which type of fire extinguishers may be used to control class 'A' type of fire	CO2 cartridge type fire extinguisher may be used	Dry chemical powder type may be used	Water jet may be used to control the fire	All of the above	D	E
74		PC 3	Pour point indicates	Melting property	Flowing property	Freezing property	Rate of evaporation	B	
75		PC3	For fire in electrical system, circuits, cables etc, we may use	Special extinguishing agent be required like carbon tetra chloride	Dry chemical powder type may be used	Water jet /Spray type	All of the above	A	M
76		PC4	The fire extinguishers used in case of fires involving gases	Foam type	Dry chemical powder type	in case of such fire, water is generally used to cool the gas	All of the above	D	M

						containers or liquified gases			
77		PC4	CO2 type fire extinguisher may be used in which type of fire	Class A	Class B	Class C	All of the above	A	E
78		PC5	why is it necessary to follow safe and recomended procedure for operation of machine.	to Minimize breakdown	Increase output and productivity	Avoid accidents	All of the above	D	E
79		PC5	In case of sudden accident in a mine work area what should be done	Accident information should be given to high officials	All the workers should be immediately taken away from the work place	You should immediately call the emergency number given by supervisor	All of the above	D	M
80		PC8	What is the use of helmet in mining sector	For safety of hands	for safety of legs	for safety of head	All of the above	C	E
81		PC8	What is the use of respirator in mining sector for individual	Respirator filters the intake air in dusty environment.	Safeguard the nose	Safety of mouth	All of the above	A	E