

**HAULAGE OPERATOR**

Sr. No	NOS Code	P C Code	<b><u>MIN/QO413 QUESTIONARRIES OBJECTIVE TYPE QUESTIONS&amp; ANSWERS</u></b>	Option A	Option B	Option C	Option D	Answer	Difficulty level E/M/H
1	MIN/N043 9,440 &901	PC1 TO PC 7	<b><u>Q 1 What shall be the dress of haulage operator going on duty/</u></b> a) Open shirt and paint b) tight shirt c) shirt with scarf on neck d) wearing rings in fingers Ans b	A	B	C	D	B	E
2			<b><u>Q 2 Will haulage operator goes in mine in drunken state?</u></b> a) Yes he will enjoy work. b) no he will not be permitted c) he can be allowed if his health permits. D) None Ans b.	A	B	C	D	B	E
3			<b><u>Q 3 What will he do before operating haulage?</u></b> a) He will inspect brakes, rope guard, emergency brake, coupling guard, rope guide pulley, electrical controller condition of rope on drum b) nothing required c) none of above Ans a	A	B	C	D	A	M
4			<b><u>Q 4 Why proper rope coiling is required?</u></b> a) To keep rope safe b) to enhance the rope life c) to protect it from mechanical damage d) non of above Ans ab&c	A	B	C	D	A B&C	H
5			<b><u>Q 5 What will happen if rope is not properly coiled?</u></b> a) Rope will kink b) rope may break due to sudden jerk c) nothing will happen d) non of above Ans-a&b.	A	B	C	D	A&B	M
6			<b><u>Q 6 Why cardium compound is given on rope?</u></b> a) To cool down rope b) to enhance the rope life c) to protect it from rust d) none of above. Ans b&c	A	B	C	D	B&C	M
7			<b><u>Q 7 Why booking pulley is fitted in front of rope?</u></b> a) To get proper rope coiling b) to protect from getting kinked c) this is not required d) It is of no use. Ans a&b	A	B	C	D	A&B	M
8			<b><u>Q 8 Why Drum rope guard is provided?</u></b> a) It is mandatory b) If rope shears it will save the life of operator c) nothing will happen no use d) none Ans b	A	B	C	D	B	E

9		<p><b><u>Q 9 Why the haulage is fenced all around?</u></b>  a) To prevent the entry of unauthorized person b) not to enter the loaded tubs, c) not to stake the materials. D) None of above Ans A&amp;C</p>	A	B	C	D	A&C	M
10		<p><b><u>Q 10 Why coupling guard is fitted on coupling?</u></b>  a) it is the prevailing practice b) all moving parts should be guarded c) guard prevents operator and others to protect s from fling bolts nuts</p>	A	B	C	D	C	E
11		<p><b><u>Q 11 Why front buffer/Dhakka is fitted in front of booking pulley.</u></b>  a) To protect human life and equipment from getting fatality due to over running of loaded tubs on haulage. b) It not essential c) wastage of material and man power. d) None of above. Ans. A</p>	A	B	C	D	A	H
12		<p><b><u>Q 12 Why lighting is essential in haulage room.</u></b>  a) To observe the functions of haulage b) to see the rope coiling and other parameters of haulage c) to ensure that nobody is walking on haulage track d) none of above Ans. A&amp;b</p>	A	B	C	D	A&B	
13		<p><b><u>Q 13 What is code of signal why signal is essential.</u></b>  a) 1 rapes stop 2 rapes hauling 3 rape slow hauling. b) Don` t haul till clear signal is received and understand. Ans a&amp;b.</p>	A	B	C	D	A&B	H
14		<p><b><u>Q 14 Why Red lighting along track to loading point is provided.</u></b>  a) It is DGMS circular b) it is prevailing practice c) It is the warning to the person that haulage has started don` t cross track. D) Non of above. Ans-c.</p>	A	B	C	D	C	H
15		<p><b><u>Q 15 Why over loading of haulage other than specific set of loaded tubs.8 nos.</u></b>  a) Hurry to finish work before time b) knowingly doing c) never attaches more than 8 tubs d) non of above Ans c</p>	A	B	C	D	C	M
16		<p><b><u>Q16 what is back stay/drag in haulage tubs?</u></b>  a) It is not always essential b) Providing as per mine circular c) when ever rope shears due to sudden jerk the back drag/stay prevents the tubs to roll down in face, thus saves the life of persons Ans c</p>	A	B	C	D	C	H
17		<p><b><u>Q 17 What is tub spacer why it is used?</u></b></p>	A	B	C	D	B	H

			a) It is used to couple 2 tubs b) It is fixed between 2 tubs to couple to tubes. C) It is not essential Ans b.						
18			<b><u>Q 18 What is friction roller why it is used.</u></b> a) It protects the rope from getting damaged b) this is not required c) rope can run on track. Ans. A	A	B	C	D	A	E
19			<b><u>Q 19 What is rerailer why it is provided in track?</u></b> a) It is fitted as per rule at every distance of 2 pillars, to allow the derailed tubs on line b) tubs can be lifted manually c) can be rerail by putting sleeper sleepers below tub wheel d) none of above Ans-	A	B	C	D	A	M
20			<b><u>Q 20 What is curvature pulley what is its use.</u></b> a) it is the wastage of time and materials b) not functioning always c) it guides rope in curvature and enhance rope life .d) none of above .Ans c	A	B	C	D	C	M
21			<b><u>Q 21 What is curvature pulley &amp; its use.</u></b> a) it is the wastage of time and materials b) not functioning always c) it guides rope in curvature and enhance rope life .d) none of above .Ans c	A	B	C	D	C	E
22			<b><u>Q 22 What cause of rope damage?</u></b> a) When loaded tubs passes through curve pulleys sometimes rope grips in pulleys causing sudden jerk on rope. b) Rope can run without pulleys to avoid jerks. C) Non of above Ans a.	A	B	C	D	A	H
23			<b><u>Q 23 What is rope kinking?</u></b> a) On load loose rope grips between coils b) rope jumps and] grips in haulage shaft c) rope get's flattened d) none of above. Ans a&b.	A	B	C	D	A&B	H
24			<b><u>Q 24 Why splicing is not recommended in direct haulage.</u></b> a) can do in small load b) on load and jerk experienced on rope the splicing can slip may cause accident. C) Long splicing can work -d) none of above. Ans b.	A	B	C	D	B	H
25			<b><u>Q 25 While changing new rope why rope is coiled one turn and clamped. in side haulage drum?</u></b> a) If it is not clamped on lowering tubs more than required distance due to load the rope will slip away from drum. b) it will not slip c) tub will derailed d) nothing will happened Ans a.	A	B	C	D	A	M
26			<b><u>Q26 When new rope to be replaced?</u></b>	A	B	C	D	C	M

			a) It is costly to replace rope b) cut off the damage rope. c) if rope dia. is reduced by 10% strands have damaged change the rope for safety. D) None of above Ans c.						
27			<b>Q 27 Old rope end changing</b> a) If rope inside the drum is in good condition b) if deteriorated by more than 10% c) the lubrication or fiber core damaged. d) Strands noticed broken. Ans a.	A	B	C	D	A	M
28			<b>Q 28 When recapping to be done/</b> a) Strand wires damaged/broken b) rope dia. Decreased by rubbing on track pillars etc. c) strands and zinc cone shifted upward. D) None of above Ans. All a, b&c	A	B	C	D	ABC	H
29			<b>Q 29 Safety appliances in haulage.</b> a) Fire extinguisher, b) sand tank c) sand buckets d) none of above.	A	B	C	D	ABC	M
30			<b>Q 30 Why emergency brake is applied.</b> a) When the caliper brakes are not working b) use emergency brake fitted in coupling drum c) repair caliper brake. d) None of above Ans a &b.	A	B	C	D	A&B	H
31			<b>Q 31 Transport of long materials viz, timber logs rails.</b> a) Not permitted b) by using tested rope whose both ends are capped c) by using chain d) by use of nylon rope. Ans b.	A	B	C	D	B	H
32			<b>Q 32 Why Haulage brake testing in the beginning of shift?</b> a) Test the brake by engaging full brake the switch of controller should trip on over load. b) Test the brake on attaching loaded tubs. c) None of above Ans a.	A	B	C	D	A	E
33			<b>Q 33 Haulage room getting hot?</b> a) Poor ventilation b) due to running haulage gets heated up. c) Ventilation requires improvement. Ans a&c	A	B	C	D	A&C	M
34			<b>Q 34 Fitness of haulage operator/</b> a) Counsel him before going on duty. B) He is in correct state of mind. C) Smell his mouth. D) if found fit send him on duty. Ans d.	A	B	C	D	D	M
35			<b>Q 35 Checking controller for proper working.</b>	A	B	C	D	ABCD	M

			a) Remove front cover of controller b) Move the barrel reverse & forward c) Check the barrel and fix contact for proper matching d) Check contact if found pitted replace. Ans a,b,c&d						
36			<b>Q 36 Inspection of slip ring motor?</b> a) Open cover of slip ring b) remove carbon brush replace if worn out c) Adjust tension of brush holder.	A	B	C	D	B&C	E
37			<b>Q 37 communication system in haulage?</b> a) CDS system should be in order for any emergency service. B) Check the CDS system while coming on duty. C) Report CDS operator for you presence in haulage. None of above. Ans all.	A	B	C	D	AB&C	M
38			<b>Q 38 Functioning of Audio visual alarm?</b> a) Check the AVA before haulage starting. B) Start AVA while haulage is in operation. C) stop AVA while tubs reaches haulage	A	B	C	D	ANC	H
39			<b>Q 39 Do not allow any unauthorized person in haulage?</b> a) Unauthorized person will divert mind of operator. B) Any UN foreseen incident may occur c) nothing will happen d) none of above Ans a.	A	B	C	D	A	E
40			<b>Q 40 What are the electrical safety features in haulage?</b> a) Over load relay, b) earth leakage relay c) relays not required, d) None of above Ans a&b	A	B	C	D	A&B	M
41			<b>Q 41 What is the Mechanical safety device in haulage?</b> a) Haulage main caliper brake b) emergency brake (coupling) c) Magnetic brake d) None of above Ans a b&c	A	B	C	D	AB&C	M
42			<b>Q 42 Automatic reverse drum gear in Voltas tigger</b> a) The Voltas tigger is equipped with self locking brake lever inside the periphery of mechanical hand brake and it function when suddenly the drum rotates in reverse direction the brake applies. And tigger stops at the instant. Ans a.	A	B	C	D	AH	
43			<b>Q 43 How to change brake liner in Voltas tigger?</b>	A	B	C	D	A	H

			a) Make the stand by brake by changing brake lining insuring that the metallic outer should be new should not have any crack, place the liner by inserting copper rivets in the metallic ring hole bend the excess rivet and fit I Ans A						
44			<b><u>Q 44 Leakage of oil on haulage brake liner?</u></b> a) it is always dangerous from safety point of view the oil on drum brake path open the brake and clean it with CCL4 and take trial by engaging full brake by operating controller switch if the switch trips without moving drum give it in operation, b) pour the sand on brake to clean c) put the brick dust over brake to clean. Ans a	A	B	C	D	A	H
45			<b><u>Q 45 Smell in Haulage room ?</u></b> a) If smell of rubber or insulation burning felt by operator he should try to find out the cause and stop the haulage and call electrician to find out the cause and get it rectified if beyond his scope call supervisor or engineer to resolve the issue. b) Nothing to be worried c) it will quench soon d) none of above. Ans a	A	B	C	D	A	M
46			<b><u>Q 46 Will he starts the haulage if any abnormal sound noticed?</u></b> A) If any abnormal sound notices he will not operate haulage and inform fitter to rectify, after recitation if trial is satisfactory he will operate it.B) minor problem nothing will happen see at the end of shift) None of the above Ans- a	A	B	C	D	A	H
47			<b><u>Q 47 Will he follow the signal of other incompetent person?</u></b> a) No he will not until the authorized person gives signal. There is every chance of accidents. B) It does not matter anybody can give signal C) production will hamper d) none of above	A	B	C	D	A	M
48			<b><u>Q 48 -Should he starts haulage if notices the drum cracked?</u></b> a) No he will not unless it is repaired, he will call engineer and arrange its repair or if stand by, it will be replaced. B) Small crack will do c) it will run none of above ANS. A	A	B	C	D	A	M
49			<b><u>Q 49 Will he haul the derailed loaded tubs?</u></b> a) No he will not haul because due to jerk and over loading the rope may shear or the haulage foundation may break which is in danger to safety. b) Nothing will happen c) one time can be hauled. D) Non of above Ans. A	A	B	C	D	A	H
50			<b><u>Q 50-If on Appling brake sparks?</u></b>	A	B	C	D	A	M

			A) In such case stop the haulage and see if brake or something rubbing against drum, rectify by calling fitter and engineer after rectification start the haulage.						
51			<b><u>Q -51 Will he haul load more the recommended load?</u></b> a) No he will not, as there is every chance of reversing load and rope snapping or some time brake failure. B) can haul d) many times hauled d) nothing happens Ans a	A	B	C	D	A	M
52			<b><u>Q- 52 Will he haul if signal is not clear?</u></b> <b><u>a)</u></b> No he will not haul if signal is not clear, this may cause man injury or fatality. B) nothing will happen c) give jerk before hauling d) nothing happens Ans a	A	B	C	D	A	M