

Question No.	Questions	Option 1	Option 2	Option 3	Option 4	Correct Answer						
1	Arrange the correct sequence for handing over a mining district in continuous shifts: 1. Remain in district until relief arrives 2. Confer with successor sirdar/competent person 3. Share all matters needing personal attention	1 → 2 → 3	2 → 3 → 1	3 → 1 → 2	1 → 3 → 2	1						
2	If an inexperienced miner is found working without supervision, the most compliant action under DGMS regulations is to:	Allow them to complete the task if it's low-risk	Immediately report to the superior and assign a competent supervisor	Reassign them to a different district without reporting	Provide verbal instructions and let them continue	2						
3	Match the situation to the correct supervisory duty: <table><tr><td>1) A relief sirdar is delayed</td><td>(i) Stay until they arrive</td></tr><tr><td>2) Successor arrives on time</td><td>(ii) Brief them on hazards and operational status</td></tr><tr><td>3) Sudden hazard arises during handover</td><td>(iii) Inform both current crew and incoming supervisor</td></tr></table>	1) A relief sirdar is delayed	(i) Stay until they arrive	2) Successor arrives on time	(ii) Brief them on hazards and operational status	3) Sudden hazard arises during handover	(iii) Inform both current crew and incoming supervisor	1-i, 2-ii, 3-iii	1-iii, 2-i, 3-ii	1-i, 2-iii, 3-ii	1-ii, 2-i, 3-iii	1
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4	During an underground hazard, the Mining Mate's immediate responsibility is to:	Continue production until hazard is resolved	Ensure workers know emergency procedures and PPE is worn correctly	Delegate hazard communication to another worker	Evacuate only after supervisor's written order	2						
5	Match the safety/maintenance activity to its purpose: <table><tr><td>1) Reporting geological movement</td><td>(i) Prevents hazardous roof falls</td></tr><tr><td>2) Checking safety device operation</td><td>(ii) Ensures early fault detection</td></tr><tr><td>3) Repairing faulty equipment safely</td><td>(iii) Maintains operational reliability</td></tr></table>	1) Reporting geological movement	(i) Prevents hazardous roof falls	2) Checking safety device operation	(ii) Ensures early fault detection	3) Repairing faulty equipment safely	(iii) Maintains operational reliability	1-i, 2-ii, 3-iii	1-ii, 2-i, 3-iii	1-iii, 2-ii, 3-i	1-i, 2-iii, 3-ii	1
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6	Why is coordinating face advance with immediate support installation essential?	It improves ventilation airflow only	It prevents face creep and reduces roof collapse risk	It reduces the need for fire-fighting equipment	It allows faster equipment movement	2						
7	If dust suppression equipment fails during operation and the fault cannot be immediately repaired, the Mining Mate must:	Continue production until the next maintenance cycle	Shut down affected equipment, isolate it, and report defect as per procedure	Assign an untrained worker to attempt repairs	Ignore the issue if dust levels are low	2						
8	Arrange the steps in correct order when dangerous gas accumulation is detected: 1. Apply provisions as per regulations for inflammable/noxious gases 2. Inspect and confirm gas presence 3. Take appropriate steps to neutralize or control the danger	1 → 2 → 3	2 → 3 → 1	2 → 1 → 3	3 → 1 → 2	3						
9	On receiving information about an accident in your district, your first priority is to:	Record the accident in the daily log	Proceed to the site, inspect, and initiate rescue if required	Inform the safety committee immediately	Wait for a rescue team before going to the site	2						
10	Match the equipment/system to its purpose: <table><tr><td>1. Ventilation system</td><td>(i) Ensures airflow meets safety standards</td></tr><tr><td>2. Gas monitoring device</td><td>(ii) Detects and quantifies hazardous gases</td></tr><tr><td>3. Smoke detector placement</td><td>(iii) Early fire hazard detection</td></tr></table>	1. Ventilation system	(i) Ensures airflow meets safety standards	2. Gas monitoring device	(ii) Detects and quantifies hazardous gases	3. Smoke detector placement	(iii) Early fire hazard detection	1-i, 2-ii, 3-iii	1-ii, 2-iii, 3-i	1-i, 2-iii, 3-ii	1-iii, 2-ii, 3-i	1
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11	Why is it necessary to report environmental issues beyond your responsibility to relevant personnel?	To avoid extra work for the current shift	To ensure issues are addressed without delay for maintaining a safe mine environment	To transfer responsibility for any hazards	To comply with legal requirements only	2						
12	While reviewing blast specifications, you find that the approved plan requires a specific type of explosive, but the material delivered is slightly different in composition. What should you do first?	Proceed with blasting since the difference is minor	Record the delivery but ignore the variation	Report and verify the change against defined requirements before use	Allow the workers to decide on-site	3						
13	During blasting preparations, you notice that explosives are being issued late to workers and stored temporarily in an open shed. What is the correct action?	Continue operations as planned to save time	Re-issue explosives to workers without records	Ensure secure storage and timely issue in line with approved practices	Store explosives near the blast site for convenience	3						
14	You are about to establish a blast site and find nearby workers exposed to potential risk from flying debris. What should you prioritize?	Start the blast and handle complaints later	Only inform senior management	Establish safety and security measures and relocate workers to safe zones	Increase the amount of explosives to finish quickly	3						
15	During blasting, the shoffler is ready to fire but weather conditions suddenly change with strong winds. What is the most appropriate decision?	Allow blasting to proceed without delay	Confirm conditions are safe and postpone if unsuitable	Reduce explosives and continue	Evacuate the area permanently and cancel all blasting	2						
16	Which of the following is an example of applying problem-solving skills in mining operations?	Ignoring measurement errors and continuing the survey	Identifying a measurement error and finding a way to correct it	Delaying work until someone else fixes the problem	Avoiding new tasks that may be challenging	2						
17	While discussing equipment performance results with senior engineers in a mining operation, which action shows good manners?	Listening actively and waiting for your turn to speak	Interrupting to share your opinion immediately	Using slang or informal language during the meeting	Avoiding eye contact when addressed	1						
18	How should mining personnel securely handle operational or survey data on a digital device?	Share it openly on public platforms for quick access	Keep devices unlocked for easy use by anyone	Store it securely and use passwords to protect files	Ignore software updates for the device	3						
19	Which of the following could be a potential business opportunity for a surveying service provider in the mining industry?	A new mining project requiring detailed land surveys	Reduced demand for surveying services in the region	Closure of multiple mining companies	Government ban on land measurement activities	1						
20	In U/G, dust accumulates and roof looks weak during a fire. What should you do first?	Follow SOP, use extinguisher, check supports, take dust/gas precautions	Wait for supervisor approval	Only extinguish fire; ignore roof/dust issues	Continue work to finish quickly	1						
21	Emergency near sealed area; live appliances on; workers traveling on haul roads. Correct step?	Follow emergency plan, switch off appliances, avoid sealed area, apply safe travel/machinery rules	Continue travel; wait till issue ends	Only switch off appliances	Let workers stay near haul roads	1						
22	Gas alarm rings and ventilation is misdirected. What must you ensure?	Identify ventilation, follow SMP/EMP, follow alarm SOP, apply isolation, wear PPE	Work without fixing ventilation	Only wear PPE; ignore ventilation	Stop one machine; continue others	1						
23	Hygiene neglected, oil spilled, hazardous waste left, ore stacked wrongly. What should you do?	Maintain hygiene, disinfect tools, report illness, identify hazards, reduce impact, proper stowing, separate ore, conserve fuel, manage waste, apply 5-S	Ignore hygiene; focus on blasting	Cover waste; restart machines	Allow fuel waste to finish tasks	1						
24	While on a haul road, workers ignore inspector's safety instructions. What should you ensure?	Stop unsafe work and follow safety rules	Continue work without concern	Wait for the inspector to return	Ignore instructions to save time	1						
25	During welding near explosives, a worker is injured. What is the right step?	Follow SOP, stop work, respond to emergency, and give first aid	Continue welding until task is complete	Move the injured worker without reporting	Wait for external help without taking action	1						
26	A fire breaks out near machines; hygiene is poor and an operator reports illness. What must be done?	Use extinguisher, wear PPE, maintain hygiene, disinfect tools, report illness	Continue operations until fire is controlled	Only use extinguisher, ignore hygiene	Allow operator to continue despite illness	1						
27	Topsoil is mixed with waste, HEMM washed outside designated area, and fuel wasted. What should you do?	Separate topsoil, wash HEMM at proper place, conserve fuel, follow mineral conservation, assist supervisor	Leave soil mixing as it is and focus on blasting	Wash HEMM wherever water is available	Allow extra fuel use to finish tasks quickly	1						
28	Before starting work in an underground mine, what must you ensure?	Check gases, do risk assessment, follow SOP, use DGMS-approved equipment	Ignore gases and continue work quickly	Use any equipment available without approval	Depend on others to complete safety checks	1						
29	During longwall mining, AFC is misaligned and a worker is injured under unsupported roof. What is the correct step?	Align AFC, give first aid, prevent coal heating, avoid unsupported roof	Continue operation until cycle is complete	Only give first aid and resume work immediately	Ignore roof support and finish cutting quickly	1						
30	During inspection, damaged supports, live wires, and workers near sealed area are found. What should you do?	Follow SMP/EMP, ensure safe electrical use, repair supports, avoid sealed-off areas, scale roof properly	Continue operations and fix supports later	Allow temporary entry into sealed area	Shut off all work without any inspection	1						
31	What should an operator do if post-blast fumes or a misfire is suspected on an underground haul road?	Continue driving cautiously with headlights on	Stop inside the vehicle and keep the engine running	Exit the haul road, report immediately, and wait for clearance	Cover the face and drive through quickly	3						
32	While traveling underground, gas alarm rings and workers lack PPE and hygiene. What should you ensure?	Stop travel, follow SOP, ensure isolation, wear PPE, disinfect tools, maintain hygiene, report illness	Continue travel without PPE	Only disinfect tools and resume work	Ignore alarm and wait for supervisor	1						
33	Topsoil disturbed, coal mixed, oil spilled, and fuel wasted. What action is right?	Reduce impact, follow conservation, proper stowing, separate coal, conserve fuel, apply 5-S	Ignore spills and continue production	Store coal and waste together to save time	Wash machines anywhere without concern	1						