

Mine Legislation & General Safety



DGMS CMR/MMR Test Series

30 Papers for 1,999/- JOIN NOW
Discount for OME Old User contact 011-64640006

Short Notes Expert Advice
Study Material Performance Analysis
Video Lectures Peer Review

www.onlineminingexam.com

 **Whatsapp Group** for Mining daily Question

Daily Questions
Topic discussion
Current Affairs
Interact with experienced panel

Message : DGMS @ 8287413961

 **ONLINE MINING EXAM**
Stay Ahead with the Best
011-64640006

In continuation of legacy which we started 2 years back, we are announcing Preparatory Test for Mines Management, Legislation and General Safety for First Class Manager's certificate of competency under Coal Mines Regulation(CMR).

What are the benefits of Online Test Series?

As you are aware that DGMS has started conducting Competency examination on the pattern of Computer Based Online Test (CBOT) with multiple choice questions (MCQs) for Mines Management, Legislation and General Safety for First Class Manager's certificate of competency under Coal Mines Regulation(CMR), you need to be at par with your skill sets to qualify one of most competitive exam conducted in India. We shall provide you an awesome atmosphere for preparation and an exact online platform which you shall face during your final examination by DGMS. Our online Test series will help you build your knowledge base, evaluate your performance among peers and skyrocket your confidence level in order to make you pass this examination with minimum effort.

What is the pattern of Online Test Series?

We have scientifically divided the whole syllabus of Mines Management, Legislation and General Safety in Total 18 Part tests and 12 Full tests. Every part test will consist of 40 awesome MCQ questions and every full test will consist of 80 awesome MCQ questions. After you finish your test, you will get All India Rank, complete explanation of every question which will help you identify your mistakes and learn new concepts. You can attempt every test a maximum of 3 times however you can see the solution as many times as you want.

www.onlineminingexam.com

call:011-64640006

whatsapp Group: 8287413961

Free study material, mining question of the day, group discussion

What you shall get in the Online Test Series?

- Total 18 Part Tests (40 Questions each) [Syllabus is written below]
- Total 12 Full Tests (80 Questions each)
- Solution of previous year DGMS questions
- Opportunity to Join our Telegram Group and WhatsApp Group
- Quality discussion on your doubts with experienced and qualified members
- Mining Books in PDF format
- Daily mind twisting questions

Syllabus Mines Management, Legislation and General Safety(CMR)

1st Class Manager's Certificate of Competency

Part Test 1

Coal Mines Regulation + DGMS Circulars

CHAPTER – I: Preliminary

CHAPTER – II: Returns, Notices and Records

CHAPTER – III: Examinations and Certificates of Competency and of Fitness

CHAPTER – IV: Inspector and Mine Officials

CHAPTER – V: Duties and Responsibilities of Workmen, Competent Persons and Officials

Part Test 2

Coal Mines Regulation + DGMS Circulars

CHAPTER – VI: Plans and Sections

CHAPTER – VII: Means of Access and Egress

CHAPTER – VIII: Transport of Men and Materials – Winding in shafts

CHAPTER – IX: Transport of Men and Materials – Haulage

CHAPTER – X: Mine Workings

Part Test 3

Coal Mines Regulation + DGMS Circulars

CHAPTER –XI: Precautions against Dangers from Fire, Dust, Gas and Water

CHAPTER – XII: Ventilation

CHAPTER – XIII: Lighting and Safety Lamps

CHAPTER –XIV: Explosives and Shotfiring

CHAPTER –XV: Machinery, Plant Equipment

CHAPTER –XVI: Miscellaneous

Part Test 4

Mines Act + DGMS Circulars

CHAPTER –I:PRELIMINARY

CHAPTER –II:INSPECTORS AND CERTIFYING SURGEONS
CHAPTER –III:COMMITTEES
CHAPTER –IV:MINING OPERATIONS AND MANAGEMENT OF MINES
CHAPTER –V:PROVISION AS TO HEALTH AND SAFETY

Part Test 5

Mines Act+ DGMS Circulars
CHAPTER –VI:HOURS AND LIMITATION OF EMPLOYMENT
CHAPTER –VII:LEAVE WITH WAGES
CHAPTER –VIII:REGULATIONS, RULES AND BYE-LAWS
CHAPTER –IX:PENALTIES AND KPROCEDURE
CHAPTER –X:MISCELLANEOUS

Part Test 6

Mines Rules + DGMS Circulars
CHAPTER – I: Preliminary
CHAPTER – II: Committee
CHAPTER – III: Court of Inquiry
CHAPTER – IV: Certifying Surgeons
CHAPTER – IV-A: Medical Examination of Persons Employed
CHAPTER – IV-B: WORKMEN’S INSPECTOR AND SAFETY COMMITTEE
CHAPTER –V: Health and Sanitation Provisions
CHAPTER – VI: First-Aid and Medical Appliances

Part Test 7

Mines Rules+ DGMS Circulars
CHAPTER – VII: Employment of Persons
CHAPTER – VIII: Leave with Wages and Overtime
CHAPTER –IX: Welfare Amenities
CHAPTER – X: Registers Notices and Returns
CHAPTER – XI: Miscellaneous
CHAPTER – XII: Rescission and savings

Part Test 8

Mines Vocational Training Rules + DGMS Circulars

Part Test 9

Electricity Rules, Mines Creche Rules, Mines Rescue Rules + DGMS Circulars

Part Test 10

Mines Management:

Introduction: Evolution of management; theory and practice, principles of scientific management; elements of management function; planning; organisation and control; structure and design of organisation for mining enterprises.

Personal Management and Organisational behaviour: Selection; training and development of human resources for mining enterprises; leadership; study of traditional leader behaviour; autocratic; democratic and Laissez-Faire behaviours; conflict management; conflict in organisation; sources of conflict; dealing with conflict; organising for conflict resolution; conflict and growth; individual motivation; two way personal communication.

Part Test 11

Mines Management

Production Management: Determination of norms and standards of operations by work study; analysis of mine capacities and capability; production planning; scheduling and control; short term and long term planning; productivity; concepts and measurements; application of Ergonomics in mine operation.

Financial Management: Capital budgeting; techniques for mining project; project evaluation; pay back period and IRR; methods of cost analysis and cost control; break-even charts; working capital management; ERP(Enterprise Resource Planning).

Materials Management for mining sector; ABC analysis, Inventory Management.

Industrial Accident: Study of human factors of industrial accidents; their causes and remedies.

Part Test 12

Mining Environment: EIA (Environment Impact Assessment), EMP (Environment Management Plan), ETP(Effluent Treatment Plant), STP (Sewerage Treatment Plant) threat to environment from underground and surface mining, means of mitigation, treatment of pollutants, monitoring systems, water management; mine closure plan; R&R (rehabilitation and resettlement).

Economic Impact of Mining: Economics of mining, effect on community – before, during and after mining; corporate social responsibility (CSR).

Part Test 13

General Safety in Mines: Safety in Mines: Duty of care; occupational hazards of mining; causes and prevention; accidents and their classification; accident statistics; frequency rate and severity rates; cause-wise analysis; basic causes of accident occurrence; investigations into accidents and accident reports; in-depth study into various causes of accidents; measures for improving safety in mines; TRAP (take responsibility in accident prevention); cost of accident; safety management system; contribution of human elements in mine safety; workers participation in safety management; ISO and safety audit; safety conferences; tripartite and bipartite committees; mine environment monitoring and control; role of information technology in safety management.

Notified and occupational diseases; silicosis and pneumoconiosis; physiological aspects of breathing in dust laden atmosphere; dust sampling and sampling instruments; methods of counting and analysis; other mines diseases and their symptoms; prevention and treatment.

Lighting: general principles of artificial lighting; lighting standards and their assessment.

Part Test 14

Risk Management: Theory and application, baseline, continuous and issue based risk

assessment, risk management techniques and applications, means of managing (minimizing or eliminating) risk, computer application and simulations, manager's role in risk management, due diligence, application of risk assessment and risk management with reference to due diligence.

Disaster management; Emergency services, equipments and procedures, emergency control rooms, rescue and recovery; procedure and responsibilities, safety of persons engaged in emergency response, investigations and reports; assessment of damage, mine rescue; mine gases and their physiological effects; rescue equipments; resuscitation and reviving apparatus; selection and training for rescue work.

First aid and ambulance work.

Sanitation and health in mines.

Safety related issues in coal beneficiation and transport.

Part Test 15

General Mining

Part Test 16

Coal Mines Regulations

Part Test 17

Mines Act

Part Test 18

Mines Rules, MVTR

Schedule

Test Number	Test Date
Part Test 1	27 August
Part Test 2	10 September
Part Test 3	24 September
Part Test 4	8 October
Part Test 5	22 October
Part Test 6	29 October
Part Test 7	5 November
Part Test 8	12 November
Part Test 9	19 November
Part Test 10	26 November
Part Test 11	3 December
Part Test 12	10 December
Part Test 13	17 December
Part Test 14	24 December
Part Test 15	31 December
Part Test 16	Will be announced once DGMS notification for

Part Test 17	Exam is out
Part Test 18	
Full Test 1	
Full Test 2	
Full Test 3	
Full Test 4	
Full Test 5	
Full Test 6	
Full Test 7	
Full Test 8	
Full Test 9	
Full Test 10	