

339513 (39)

BE (5th Semester)

Examination, Nov.-Dec., 2011

Branch : Mining

MINE LEGISLATION - I

Time Allowed : Three Hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : Questions are set from each unit. All the questions are to be attempted.

Q. 1. (a) State the main principle on which mining laws have been framed. 2

Answer any two questions :

(b) Put up a concise note on the development of mining legislation in India. 7

(c) After which major disaster additional precautions were suggested to be taken against danger from inundation in underground mines. What are those suggestions? 7

(d) Explain step by step yearwise formation of mining legislation in India. 7

(3)

Q. 2. (a) Define "Adult" as per the Mines Act 1952. 2

Answer any two questions :

(b) As per the Mines Act 1952 define "Reportable injury" and "Serious bodily injury". 7

(c) Comment on the "Hours and Limitation of Employment" as per the Mines Act 1952. 7

(d) As per The Mines Rules, 1955 state the appointment of workmen's inspector and duties of workmen's inspector. 7

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(4)

Q. 3 (a) Define "Goaf" as per the Coal Mines Regulations 1957. 2

Answer any two questions :

(b) State gassy seam of the first, second and third degree as per the Coal Mines Regulation 1957. 7

(c) Write down the "Standard of Ventilation" as per the Coal Mines Regulation 1957. 7

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(d) As per Metalliferous Mines Regulation

1961. Comments on the Guide-Rope

maintenance in winding shaft. 7

Q. 4. (a) What do you mean by a "Pit Head Bath" in

a mine? 2

Answer any two questions :

(b) State the amenities to be provided

in a "Creche" as per Mine Creche

Rules. 7

(c) Define different category of mines as the

Pit Head Bath Rule 1959. 7