

(4)

Unit-III / Part-III

6. Describe the geological and geographical distribution of coal deposits in India. Add a note on their origin. 11

Yeej le cellhceles peeves Jeeves keasleuee e/ve#cheellkeae Yet Jellkeefreka SJel Yeeicesureka e/lelej Ce oepelles Fvekaer GIheelle hej eShheCeer keaepelles

7. Write explanatory notes on-

- (i) Uranium Deposits
(ii) Conventional Energy Resources.

e/veceueeKele hej JUeeKUeelceka eShheCeer keaepelles :

- (i) Uej e/vece e/ve#che
(ii) hej chej eiele Tpee&meheDeve

Unit-IV / Part-IV

8. Define mineral exploration. Briefly describe geochemical methods of mineral exploration. Keefrepe DevJeseCe keasheej Yeekele keaj lesnylesYet jameelJeeureka Keefrepe DevJeseCe keaer me/ehle JUeeKUee keaepelles 11

9. Briefly discuss the methods of subsurface mining. 11

Devlehen Keveve e/eeDeellkeae me/ehle e/lelej Ce oepelles

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Roll No. _____

S-653

B.Sc. (Part-III) Examination, 2015

GEOLOGY

Second Paper

(Economic Geology)

Time Allowed : Three Hours] [Maximum Marks : 75

Note : (i) Answer five questions in all.

(ii) Question No. 1 is compulsory.

(iii) Select one question from each unit.

(iv) Marks for each question are shown in the margin.

(i) kegue hee/le e/veellkeae Goej oepes-

(ii) e/ve me/1 DeevleeeJee&nw

(iii) e/vekeae FkeaeF&mes Skeae e/ve UegreS-

(iv) e/vekeae e/ve kea Dekeae nee/leS cell/omees ielles n0

1. Write short notes on the following: (not more than 50 words each). 30

(i) Ore

(ii) Salt Dome

(2)

- (iii) Geobotanical Exploration
- (iv) Crude Oil
- (v) Three Iron ores with-their chemical composition.
- (vi) Hot springs
- (vii) Oxidation
- (viii) Give a list of minerals used in Cement Industry.
- (ix) Adit
- (x) Gossan

efrecveueekKele hej me#ehle eShheCeUeeB efuceKeS :

(DeUkeá ueieYeie 50 MeyoeWce)

- (i) DeUemkeá
- (ii) ueJeCe iegyeo
- (iii) Yet-Jeevemheell ekeá DevJeseCe
- (iv) >e# [DeeUeue
- (v) Ieeze ueem DeUemkeá SJeb Gvekeá j emeeUee#rekeá melie''ve
- (vi) G-Ce Beede
- (vii) Deekemeekéaj Ce
- (viii) meecce#Š GÁeese ceWDeUee#e nesves Jeeues Keefrep eeW/keáer meUee oee#peUes
- (ix) Sof [Š
- (x) iee#eeve

(3)

Unit-I / FkeáeF-I

- 2. Briefly describe the Hydrothermal process of ore formation. 12

DeUemkeá efrecveuee keáerpeue G-ceede efleeDe keáe me#ehle JeCeUe keáerpeUes

- 3. Write explanatory notes on- 12
 - (i) Critical, Essential and Strategic minerals
 - (ii) Supergene enrichment.

efrecveueekKele hej JÚeeKÚeelcekeá eShheCeer keáerpeUes

- (i) e#eá#Škeáue, DeeJemUekeá SJeb (Eeelepeefrekeá Keefrepe
- (ii) TOJeb ee#rele mece#e

Unit-II / FkeáeF-II

- 4. Describe the origin and mode of occurrence of Magnese ores. Also describe its distribution in India. 11

ceireveepe DeUemkeáelWkeáer GIhe#e SJeb Úee#hle mJe™he keáer JÚeeKÚee keáerpeUes Yeej le ceW/mkeá e#e#ej Ce keáer JÚeeKÚee Yeer keáerpeUes

- 5. Write explanatory notes on- 11
 - (i) Chromium deposits
 - (ii) Minerals used in Refractory Industry

efrecveueekKele hej JÚeeKÚeelcekeá eShheCeer keáerpeUes

- (i) >eá#ceUeece efre#e#e
- (ii) GÁeeseWceW/GheUee#e nesves Jeeues GÚeUee#e men Keefrepe