



Roll No.

P①

Date:

SEM-III

PAPER - C-C-7.

Head, P.O. Dept. of Geology
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JHARKHAND

09/07/2020

Q.1. Match the columns A & B.

A

B

- (i) Waves
- (ii) Fluvial erosion
- (iii) Saltation
- (v) River Terraces
- (vi) Limestone Caves
- (vi) F. c. c.
- (vii) Eustatic
- (viii) Centripetal
- (ix) Bifurcation Ratio
- (x) Dunes

- (i) Karst region.
- (ii) Drainage pattern.
- (iii) Change of Sea level.
- (iv) Morphometry.
- (v) Rejuvenation
- (vi) Pot holes
- (vii) Arid climate.
- (viii) Glacial deposit
- (ix) Fluvial transport.
- (x) Remote sensing

Q.2. Discuss the significance of structure, process and time.

Q.3. What are the characteristics and types of Aeolian land forms?

Q.4. Explain the periodicity of glaciation and its causes.

Contd on P.2.



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Date:

Q2

Q.5. Write notes on any two of the following:

- (a) Stream Rejuvenation.
- (b) Drainage patterns.

(c) Photogrammetry.

Q.6. Discuss the geomorphic features of India.

Q.7. Give an account of Remote Sensing techniques and its applications in Geology.

Q.8. Describe in brief any two of the following:

- (a) Terrain evaluation
- (b) volcanic landforms.
- (c) fluvial deposits.

—————x—————

Ans. Key for Q.1.

- (i) ——— (viii)
- (ii) ——— (vi)
- (iii) ——— ~~(vii)~~ (ix)
- (iv) ——— (v)
- (v) ——— (i)
- (vi) ——— (xi)
- (vii) ——— (iii)
- (viii) ——— (ii)
- (ix) ——— (iv)
- (x) ——— (vii)

09/04/2020
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K. V. P. 4. QUESTIONS
(GENERAL)

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SEM - III

PAPER - CC-8

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Q.1. Match the columns A & B

A

- (i) CBM
- (ii) Gypsum
- (iii) Aluminium ore
- (iv) Calorific value
- (v) Lignite
- (vi) Origin of coal
- (vii) Metallurgy
- (viii) Coal field
- (ix) Monazite
- (x) Cat's eye

B

- (i) Subduction zone.
- (ii) Newell
- (iii) Gneiss.
- (iv) In-situ Theory
- (v) Placer deposit.
- (vi) Thrust.
- (vii) Unconventional natural gas.
- (viii) Proximate analysis.
- (ix) Cement industry.
- (x) Bauxite.

Q.2. Discuss the mode of occurrences and morphology of ore bodies.

Q.3. Write about occurrence, distribution and uses of Iron-ore deposits in India.

Q.4. Write notes on any two of the following:

- (a) Atomic minerals
- (b) Gemstones.
- (c) Refractory minerals.

Q.5. Give an account of origin and migration of Bepbium.

contd. on P②



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Q.1. Discuss the origin, mode of occurrence and types of coal.

Q.7. Explain various geophysical exploration techniques in mineral prospecting.

Q.8. Write notes on any two of the following:

(a) Strategic Critical + Essential minerals.

(b) Rank and grade of coal.

(c) Prospects of Coal Bed Methane.

_____ x _____

Ans Key for Q.1.

- (i) — (vii)
- (ii) — (ix)
- (iii) — (xi)
- (iv) — (xiii)
- (v) — (xv)
- (vi) — (xvii)
- (vii) — (xix)
- (viii) — (xxi)
- (ix) — (xxiii)

Q.4 Q.7 Q.8 Q.9 Q.10 Q.11 Q.12 Q.13 Q.14 Q.15 Q.16 Q.17 Q.18 Q.19 Q.20 Q.21 Q.22 Q.23 Q.24 Q.25 Q.26 Q.27 Q.28 Q.29 Q.30 Q.31 Q.32 Q.33 Q.34 Q.35 Q.36 Q.37 Q.38 Q.39 Q.40 Q.41 Q.42 Q.43 Q.44 Q.45 Q.46 Q.47 Q.48 Q.49 Q.50 Q.51 Q.52 Q.53 Q.54 Q.55 Q.56 Q.57 Q.58 Q.59 Q.60 Q.61 Q.62 Q.63 Q.64 Q.65 Q.66 Q.67 Q.68 Q.69 Q.70 Q.71 Q.72 Q.73 Q.74 Q.75 Q.76 Q.77 Q.78 Q.79 Q.80 Q.81 Q.82 Q.83 Q.84 Q.85 Q.86 Q.87 Q.88 Q.89 Q.90 Q.91 Q.92 Q.93 Q.94 Q.95 Q.96 Q.97 Q.98 Q.99 Q.100



Roll No.

Date:

PD

SEM-III

PAPER - (EC-2)

Geol. 6/20

(Group A)

Q.1. Match the columns A & B.

A

B

- (i) Carbonization
- (ii) Gondwana rocks
- (iii) Coal mining
- (iv) Lowest rank
- (v) Room & pillar
- (vi) Gas poisoning
- (vii) Coal gasification
- (viii) Anthracite
- (ix) Trace element in coal
- (x) Coal dust.

- (i) open cast & under ground
- (ii) type of mining
- (iii) High rank
- (iv) coal mining hazard
- (v) town gas.
- (vi) Greenhouse.
- (vii) Coking coal
- (viii) Silicosis.
- (ix) coal deposits.
- (x) Peat

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Q.2. Discuss various coal beneficiation techniques.

Q.3. Give an account of Geologically-Geophysical survey of coal.

Q.4. Explain coal mining hazards and its mitigation.

Q.5. Describe various coal mining methods.

Q.7. Discuss the geology, lithology, mining and reserve of any of the coal deposit in Jharkhand.

Contd on PD



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Q.8. Write notes on any two of the following:

- (a) Conservation of coal.
- (b) Gondwana Paleontology.
- (c) Gasification of coal.

Ans. Key for Q.1

- (i) — (vi)
- (ii) — (ix)
- (iii) — (i)
- (iv) — (x)
- (v) — (ii)
- (vi) — (vii)
- (vii) — (vi)
- (viii) — (iii)
- (ix) — (v)
- (x) — (viii)

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09 Oct 2020
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