

ZaTAA-3. rāSyaḡaḡā wāSya Sḡw Sḡl ; āSyaSḡl ḡwḡsāwāāSḡ āwḡEḡa Sḡḡytl āCḡ ḡ  
Explain morphology and geological distribution of Brachiopoda.

OR

vātvarāSḡuā wāSya Sḡw Sḡl ; āSyaSḡl ḡwḡsāwāāSḡ āwḡEḡa ytl āCḡ ḡ  
Explain morphology and geological distribution of Lamellibranchia.

ZaTAA-4. DmāEm Tāv āwāā Sḡ āy = āmāp Sḡḡytl āCḡ ḡ  
Explain theory of Stratigraphy.

OR

i Eāvā ytl Sḡ wāSḡEḡa ḡwḡāwḡEḡa qE ZaSḡāTā »ḡāvḡ ḡ  
Throw light on classification and distribution of Aravvalli Group.

ZaTAA-5. āāyāp tNāyḡi Sḡā āwDmā wāā Sḡlākḡ ḡ  
Describe in detail about Chhattisgarh Supergroup.

OR

āāpḡāā Tāv āSḡ wāSḡEḡa ḡwḡsāwāāSḡ āwḡEḡa qE ZaSḡāTā »ḡāvḡ ḡ  
Throw light on classification and geographic distribution of Gondwana rocks.

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Code No. : B-216(B)

Annual Examination - 2017

B.Sc.-I

GEOLOGY

Paper - II

INTRODUCTION TO GEOLOGY II

Max.Marks : 50

Min Marks : 17

Time : 3 Hrs.

ḡāq B hḡḡp' ; ' tḡāy i āmvi āāEā ZaTAA Nā ākāNḡNv SḡEāā ; āāwāuēNē hḡḡp'r' tḡvi āāEā  
ZaTAA hḡḡp'y' tḡāi ēEāEāu ZaTAA Nē hḡḡp' ; ' SḡḡyryCḡNvCḡNv SḡEḡḡ

Note : Section 'A' is objective type, containing 10 questions, is compulsory. Section 'B' consists of short answer type questions and Section 'C' consists of long answer type questions. Section 'A' has to be solved first.

hḡḡp' ; ' (Section-'A')

āāāāSḡm ; ām vi EāEāu ZaTAAp Sḡ EāE ḡSḡ uā āā wā' uāp tḡ āp ḡ  
(Answer the following very short-answer-type questions in one or two sentences) (1x10=10)

ZaTAA-1. rāwā Sḡl ; āsāSḡuā tāvā tḡSḡḡḡḡm Nāāwāvā yryCḡ ; āmt hāāk Sḡāā yā Nē?  
Which mineral crystallizes last in Bowen's Reaction series?

ZaTAA-2. oArāE yEj āā āSḡy ZaSḡāE Sḡ Tāvāp tḡātvmā Nē?  
Maculose structure is found in which types of rocks?

ZaTAA-3. j āātu Tāv Sḡā EāāNēḡa rmacḡ ḡ  
Give example of calcareous rocks.

ZaTAA-4. i wyaāp Sḡ qāwNāā Sḡ ytu ḡSḡ āāyEḡyCḡ ḡSḡEāā Sḡl ZaSḡuā Sḡḡ' uā SḡNmcNā?  
Give the name of the process of mutual collision of sediments during transportation.

ZaTAA-5. āyāyā āSḡy ytl Sḡl Tāvāp Sḡā yḡ Sḡ kāwāit Nē?  
Physa is a index fossil of which group of rocks?

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ZaTAA-6. 'vayaq' hEY tpat » pAER Namā Nē; nwa AaNa?

Mid rib occurs in Glossopteris or not?

ZaTAA-7. savālaSj SvāvalaSjt tē tAukāwā (tāyakaçSj) Sjāç tPu Uq yç aSjmlāç; s'āç tē rāp' āua Nē?

In Geological time scale, Mesozoic is mainly divided in how many divisions?

ZaTAA-8. ĒakDnaā tē Sjāā yçytāl Syl Tāv'p qacēkama Nē?

Which type of rocks occurs in Rajasthan?

ZaTAA-9. āvāu ytāl tē qauā kalāçwāvā Ēāā hālak Sjāā yā Nē?

Which Gem mineral is mainly found in Vindhyan Group?

ZaTAA-10. āçp'vāā tNayli tē Sjāā yā Cōā qauā kama Nē?

Which fuel is found in rocks of Gondwana Super Group?

**h'p-'r'** (Section-'B')

alālaamSjm vi ā EūāEau ZaTAAp Sj Eūā 150-200 TāA-yāta tē Aφ n

(Answer the following short-answer type questions with word limit 150-200) (3x5=15)

ZaTAA-1. SjāuamE'ā Sj SjāE Sjāç yti āç¥ n

Explain agents of metamorphism.

**OR**

qāāqēāç'p' ā'p'ā Sjāç āj ā Syl yNāumā yçytāl āç¥ n

Explain porphyritic texture with the help of diagram.

ZaTAA-2. qēākānSjl Sj tN'w Sjāç yti āç¥ n

Explain importance of Palaeobiology.

**OR**

āSjāNāAāç; wyaāā yEj āā; āç Sjā w'āā Sjlāk¥ n

Describe any two sedimentary structures.

ZaTAA-3. yj Sj kāwāit Sjā tN'w rmac¥ n

Explain importance of Index Fossils.

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**OR**

'vayāp' hEY ¥w'p'āātaç' hEY qāAq kāwāitāç tē; mē rmac¥ n

Differentiate between Glassopteris and Gangamopteris plant fossils.

ZaTAA-4. j ēāvva ytāl Sjā; āānsj tN'w rmac¥ n

Describe economic importance of Aravalli Group.

**OR**

yāyē ōçāā qē ZaSjāā » pāv¥ n

Throw light on Sausar Series.

ZaTAA-5. āNtavu Sj EāāwSjāy Sjāç yti āç¥ n

Explain evolution of Himalyas.

**OR**

j mb' tēāu yDmē Sjāç yti āç¥ n

Explain Intertrappean Beds.

**h'p-'y'** (Section-'C')

alālaamSjm Aai ē EūāEau ZaTAAp Sj Eūā 300-350 TāA-yāta tē Aφ n

(Answer the following long-answer type questions with word limit 300-350) (5x5=25)

ZaTAA-1. j āāç' Tāv'p' Sj w'ā' SjE'ā qē āvDmā ZaSjāā » pāv¥ n

Throw light in detail on classification of igneous rocks.

**OR**

SjāuamE'm Tāv'p' tē qāuç kalāçwāvā yEj āā; āç Sjā w'āā Sjlāk¥ n

Describe the structures found in metamorphic rocks.

ZaTAA-2. kāwāitāā Syl āvāouāç Sjā āvDmāç yçw'āā Sjlāk¥ n

Describe in detail about process of fossilization.

**OR**

j wyaāā Tāv'p' Sj ā'p'ā Sjā yāj ā w'āā Sjlāk¥ n

Describe texture of sedimentary rocks in detail.