

(4)

Unit-III / FkaeF-III

6. Discuss the classification of sandstone. 11
yeuet ka helLej ka JeecekaJ Ce kaer elJeSevee kaepes-
7. Describe the Sedimentary basin formed during subduction with present day examples. 11
meje[kaeve ka Eje yeves Jeees DeJeeoeer yesmeve ka JeSevee
GoenjCe mehle JeCete kaepes-

Unit-IV / FkaeF-IV

8. Discuss the deposits of Delta System. 11
[siŠe emŠce ka e#eellkaer elJeSevee kaepes-
9. Describe the deposits formed by shallow marine system. 11
eUÚuesmecep cellyeves Jeees DeJeeoeer e#eellkae JeCete kaepes-

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(Printed Pages 4)

Roll No. _____

S-652

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

GEOLOGY

First Paper

(Stratigraphic Palaeontology &
Sedimentology)

Time Allowed : Three Hours] [Maximum Marks : 75

Note : (i) Answer five questions in all.

(ii) Question No.1 is compulsory.

(iii) Attempt one question from each unit.

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

(i) keje heeDe elMveellkae Goej oepes-

(ii) elMve me 1 DejeJeeUe&nw

(iii) elUekea FkaeF&mes Ska elMve kajvee DejeMÚekea nw

(iv) elUekea elMve ka Deke neeMeS cellwoMees ieS nθ

(2)

1. Answer the following (in about 50 words each) :

efrecvedredKele ka Göej oap̄eS (ueieYeie 50 MeyoellcellWelUekā) : 30

(a) What is salinity?

Keej ehve keālee netee nīP

(b) What is biospecies?

pallep̄eelle keālee nīP

(c) What is cement in sedimentary rocks?

DeJemeeoer Meueellcellmeec̄sŠ keālee netee nīP

(d) Discuss Froude Number.

oāeG [vecyej keāer JÜeeKÜee keāap̄eS~

(e) What is Intra cratonic basin?

FvŠōeāšedreka yeamve keālee netee nīP

(f) What is Oolite?

TueeFŠ keālee netee nīP

(g) What is Load Cast?

uee[keāmš keālee netee nīP

(h) What is lithification?

ueeL ehāckāmeve keālee netee nīP

(3)

(i) What is SCD (Silica Compensation Depth)?

Sme.meer. [er. (meec̄lekeāe keāchesrem̄leve [bl̄e) keālee netee nīP

(j) Explain Lower flow regime.

efrecve hārees j̄ōp̄eē keāer JÜeeKÜee keāap̄eS~

Unit-I / FkeāeF-I

2. Discuss principles of classification of organisms.

peeteellkeā Jeeekāj Ce keā emeāevleellkeāer eDeJēvee keāap̄eS~ 12

3. Discuss the concept of ecology and food chain.

heefj emLeellkeāer keāer DeJēōeej Cee SJeB KeeĀe ēek̄uee keāer JÜeeKÜee keāap̄eS~ 12

Unit-II / FkeāeF-II

4. Discuss the Sedimentary structure which are formed on the top surface of bed. 11

mehle j keā Thej er melen hej yeveves Jeeueer DeJemeeoer me j ÜveeDeellkeāe eDeJēvee keāap̄eS~

5. Explain Reynold number and various types of fluid flow. 11

j̄veeu [vecyej SJeB eYeVe le j ekeā keā yemeJe keāer JÜeeKÜee keāap̄eS~