**GOVT.V.Y.T.PG AUTONOMOUS COLLEGE, DURG**

**Home Assignment Examination, 2024-25**

**B.Sc. Part-III**

**GEOLOGY**

**Paper I : Palaeontology And Stratigraphy**

**Max.Marks :50**

UNIT - I

Q.1 A thok'e foKku dh ifjHkk"kk fyf[k,A

Define Palaeontology.

Q.1 B XykslksIVsfjl D;k gS\

What is Glossopteris ?

Q.1C ekbØksiSfy;ksUVksy‚th ds egRo dk o.kZu djsa A

Describe importance of Micropalaeontology.

Or

iqjkHkwxksy ds v/;;u esa thok'e foKku ds vuqç;ksx ij ppkZ djsaA

Discuss the application of Paleontology in the study of Paleogeography.

Q.1 D lw{e thok'e D;k gSa \ mlds egRo vkSj mi;ksx dk o.kZu dhft,A

What are Microfossils \ Describe their importance and uses.

Or

thok'eu dh vko';d ifjfLFkfr;ksa ,oa fof/k;ksa dk o.kZu dhft,A

Describe the essential conditions and various modes of fossilization.

UNIT - II

Q.2 A fdUgha nks xzsIVksykbV thok'eksa ds uke fyf[k,A

Write the name of any two graptolite fossils.

Q.2 B czsfd;ksiksMk esa fgat ykbu dks ifjHkkf"kr djsaA

Define hinge line in Brachiopoda.

Q.2 C VªkbyksckbV esa iSftfM;e D;k gS\

What is Pygidium in Trilobite?

Or

czsfd;ksiksMk vkSj ySesfyczSafd;k ds chp varj djsaA

Differentiate between Brachiopoda and Lamellibranchia .

Q.2 D flQsyksiksMk thok'eksa dh vkdkfjdh dk o.kZu dhft,A

Describe the morphology of cephalopoda fossils.

Or

xSLVªksiksMk thok'eksa dh vkdkfjdh vkSj HkwoSKkfud forj.k dk o.kZu djsa A

Describe morphology and geological distribution of Gastropoda fossils.

UNIT - III

Q.3 A tSo&laLrfjd bdkb;ksa dh ifjHkk"kk fyf[k,A

Define biostratigraphic units.

Q.3 B dkykuqØfedrk dks ifjHkkf"kr djsaA

Define Chronostratigraphy.

Q.3 C LVªSfVxzkQh ds fl)karksa dks foLrkj ls le>kb;sA

Elaborate principles of Stratigraphy.

Or

/kkjokM+ 'kSyksa ds oxhZdj.k ij ,d fVIi.kh fyf[k,A

Write a note on classification of Dharwar rocks.

Q.3 D HkwoSKkfud le; lkj.kh dk o.kZu dhft,A

Describe the Geological time scale.

Or

laLrj foKku ds fl)kUrksa dk o.kZu dhft,A

Describe the principles of stratigraphy.

UNIT - IV

Q.4 A lkYV jsat ds iqjkthoh 'kSyksa esa ik;s tkus okys fdUgha nks thok'eksa ds uke fyf[k,A

Write the name of any two fossils found in palaeozoic rocks of salt range.

Q.4 B baVj VªSfi;u csM D;k gSa?

What are intertrappean beds?

Q.4 C yesVk ,oa ck?k laLrjksa ij ,d fVIi.kh fyf[k,A

Write a note on Lameta and Bagh beds.

Or

foa/;u lqij xzqi ds vkfFkZd egRo ij çdk'k Mkfy,A

Throw light on economic importance of Vindhyan Supergroup.

Q.4 D xksaMokuk lqij xzqi dh LVªSfVxzkQh] thok'e lkexzh vkSj vkfFkZd egRo ij foLr`r çdk'k Mkysa A

Throw detailed light on stratigraphy, fossil content and economic importance of Gondwana Supergroup.

Or

MsDdu VªSi ds laLrj foKku] HkkSxksfyd forj.k ,oa vk;q dk o.kZu dhft,A

Describe the stratigraphy] geographic distribution and age of Deccan Trap.

UNIT - V

Q.5 A dPN {ks= ds tqjSfld 'kSyksa esa feyus okys fdUgha nks thok'eksa dk uke fyf[k,A

Write the name of any two fossils found in Jurassic rocks of Kutch.

Q.5 B d'ks#dh vkSj vd'ks#dh thok'e ds chp varj fy[ksaA

Write difference between vertebrate and invertebrate fossil.

Q.5 C f'kokfyd lewg dh pêkuksa ds d'ks#dh thok'e foKku ds egRo dk o.kZu djsaA

Describe vertebrate palaeaontological importance of Siwalik Group of rocks.

Or

Lihfr ?kkVh dh iqjkik"kk.k pêkuksa dk o.kZu djsaA

Describe Palaeozoic rocks of Spiti valley.

Q.5 D f'kokfyd lewg dh LVªSfVxzkQh] thok'elkexzh vkSj vkfFkZd egRo dk o.kZu djsa A

Describe stratigraphy, fossil content and economic importance of Siwalik group.

Or

vle ds r`rh;d egk;qx lewg ds HkkSxksfyd forj.k] laLrj foKku ,oa vkfFkZd egRo dk o.kZu dhft,A

Describe the geographic distribution- stratigraphy and economic importance of Tertiary rocks of Assam.

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