

Roll No.:

(2)

Total No. of Questions : 11] [Total No. of Printed Pages : 6

PK-447

**M.Sc. II Semester Geology (Reg./ATKT)
Examination June 2018**

PALEOBIOLOGY

Paper - IV

Time Allowed : Three Hours]

[Maximum Marks : 85

Note : Attempt all questions.

Section - A

Objective Type Questions

$10 \times 1 = 10$

Q.1. Choose the correct answer.

- i) Graptolites were essentially _____ animals.
 - (a) Archaean
 - (b) Marine
 - (c) Fresh water
 - (d) Proterozoic

- ii) Trilobites occur as fossils only within the rocks of _____ age.
 - (a) Archaean
 - (b) Proterozoic
 - (c) Palaeozoic
 - (d) Recent

iii) The simplest type of suture is described commonly as the _____

- (a) goniatite suture
- (b) ammonoids suture
- (c) ceratite suture
- (d) nautiloid suture

iv) Gastropods commonly exhibit a _____ coiling of the shell.

- | | |
|-------------|---------------|
| (a) dextral | (b) sinistral |
| (c) suture | (d) dentition |

v) Eohippus appeared about _____ million years ago.

- | | |
|---------|---------|
| (a) 389 | (b) 500 |
| (c) 152 | (d) 52 |

vi) The earliest documented representative of the genus Homo is *Homo habilis*, which evolved around _____ million years ago.

- | | |
|-----------------|---------|
| (a) 65 ± 10 | (b) 9.1 |
| (c) 181 | (d) 2.8 |

(3)

- vii) Microfossils are fossils that are generally between 0.001 mm and _____ in size.
- 100 mm
 - 5.9 mm
 - 1 mm
 - 1 cm
- viii) Alveolina is an important example of foraminifers with _____ test.
- porcellaneous
 - phosphatic
 - magnetic
 - vitreous
- ix) The study of organic microfossils is called _____
- palynology
 - apical disc
 - orgocrush
 - micro-corona
- x) The Lower-Gondwana flora of India is made up principally of the _____
- cycads
 - filicales
 - ptilophyllum
 - pteridosperms

(4)

Section - B

Short Answer Type Questions

5×5=25

Q.2. Geological history of Graptolites.

OR

Uses of fossils in the study of evolution.

Q.3. Geological history of Brachiopoda.

OR

Geological history of Cephalopoda.

Q.4. Elementary idea about evolutionary history of Human.

OR

Write a short note on evolutionary history of Elephant.

Q.5. Classification of microfossils.

OR

Separation of microfossils.

(5)

Q.6. Elementary idea about plant life through ages.

OR

Concept of Palaeobotany.

Section - C
Long Answer Type Questions

$5 \times 10 = 50$

Q.7. Discuss evolution of Trilobites.

OR

Discuss modes of fossilization.

<http://www.onlinebu.com>

<http://www.onlinebu.com>

Q.8. Discuss classification of Lamellibranchia.

OR

Describe the classification and geological history of Gastropoda.

Q.9. Discuss evolutionary history of Horse.

OR

Write a detailed note on succession of the vertebrate life through the geological time.

YA18-695

PK-447

P.T.O.

YA18-695

PK-447

(6)

Q.10. Describe the morphology and geological history of Foraminifera.

OR

Discuss application of microfossils.

Q.11. Discuss characteristic features of Upper Gondwana flora.

OR

Write a detailed note on plant life through ages.



<http://www.onlinebu.com>

Whatsapp @ 9300930012

Your old paper & get 10/-

पुराने पेपर्स भेजे और 10 रुपये पाएं,

Paytm or Google Pay से