

Group A

Part = III
Paper - VII

Zoology (B)
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Topic - (Fossils History of Horse)

↳ Fossils are the things which we usually get during Excavation in any Certain place on Earth.
Fossils Contains Earliest - dead & decayed part of either living beings or others.
Even the Crude oils today are one of type of fossils.

⇒ The History of fossils of Earth has Been Broadly Categorised in five Stages & forms.

- (i) Hyracotherium or Eohippus
- (ii) Meshippus
- (iii) Miohippus
- (iv) Merchyippus
- (v) parachippus

Major forms of Early time

- later we found 4 other Categorisation of its forms.

- (vi) Hippodion
- (vii) Protochippus
- (viii) Equus
- (ix) Mitippus

(i) (Hyracotherium or Eohippus) :-

↳ This was the very Earliest - ancestor of all horses today. It was very Small in Size like modern day fox. It originated Early in Northern Parts of America & later migrated to Europe.

→ It was fully herbivores in nature & used to be very weak as Compare to modern day.

(ii) Meshippus - Its origin has been detected around Oligocene period. Here also the size was not large as today it is. The Brain of Meshippus usually exhibits marked features of Advance over that of Hyracotherium.

(iii) Miohippus - In late Oligocene period Meshippus was replaced by another slightly advance horse-like form called Miohippus. It also feeding on Soft vegetation.

(iv) Potamhippus

These were modified in many forms, we founded that premolars developed high crowns and thus changed into grinders (hypodont).

(5) Merychippus - (3-toed grazer)

↳ It founded in Miocene time.
The Cerebral hemisphere of these were convoluted and pattern of fissures resembled of modern horse.

(6) Hipparion

↳ They were also the same size as of pony. These were found almost all over the combined land mass of Europe and Asia called Eurasia.

(7) Protophippus

↳ These migrated from North America to South America after series of evolution.

(8) Equus

↳ These evolved during these in North America but due to unknown reason soon they disappeared from that place during Pleistocene time.

(9) Plihippus

↳ Modern successor of Equus.
→ It is found in North America
→ It was most evolved in all the ancestral.