

ETHOLOGY

2004

May

Thursday

13

Wk-20 134-232

Definition:-

The term ethology, is comprised of two Greek words 'ethos' and 'logus'. The former means characters or custom while the latter means study. Ethology literally means "character study".

→ Ethology is the study of animal behaviour and it is one of the recent branches of zoology.

→ Ethology is the scientific, biological and specific study of behaviour of animals.

→ The use of the term ethology was introduced in 1950 by Niko Tinbergen.

→ The word behaviour is used to refer all externally recognizable changes that bring about communication and which can release behaviour patterns in other animals which is movement patterns of whole body, facial expressions, body postures, vocalization, as well as changes in colouration, release of odour e.t.c. are all included in behaviour.

JUNE

S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26

Appointments

It has not been easy to define behaviour in totality. It has been defined differently by various workers.

08.00

(i) observable and quantifiable events constitute behaviour. It is a directional activity necessary for survival.

09.00

10.00

(ii) The behaviour of an animal is defined as the totality of its movements, sound emissions and body postures.

11.00

12.00

(iii) Behaviour is the response of living matter to some form of stimulus.

13.00

14.00

(iv) Behaviour includes all those processes by which an animal senses the external world and adapts itself to that environment.

15.00

16.00

(v) Movement of whole animal because of some external stimulus is known as its behaviour or activities of an animal's muscles is called behaviour.

17.00

(vi) Behaviour is always a combined result of the actions of many body organs.

(vii) Behaviour includes all movements, gestures, postures, change of colour and vocalization displayed by an animal.

Appointments

MAY

S	M	T	W	T	F	S
30	31					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

2004