CONTENTS

MANULATORS' PREFACE

ENITORIAL FOREWORD

INTRODUCTION

"Clever Hans' - The 'Clever Hans' error and similar brors in animal psychology - A faulty intermentation of animal behaviour - The 'Elberfeld Forses' - 'Dogmatic' and 'critical' animal psychology'

ANIMAL PSYCHOLOGY AND OTHER SCIENCES

Animal psychology and zoology - Animal psychology and human psychology - Animal psychology and medical science - Animal psychology and education

THOOS OF INVESTIGATION

The phenomenological method - Field observation of animal behaviour - Experiment in animal prochology

16

MIMAL PERCEPTION

Weber-Fechner Law - The apprehension of relations
- Sense modalities, sense qualities, and intermedal
qualities - Constancy in animal sense perception Perception of movement in animals - Selective perreption in animals and men - Primitive counting is
animals

ANIMALS AND SPACE

Orientation in space – Auditory orientation – Binocustar vision in apes – The homing of birds and dogs – Orientation of animals in time

EEDS, DRIVES, AND INSTINCTS

The psychology of needs – Experiments on the strength of needs – Hunger and appetite in animals – Hunger in animal experimentation – The theory of two components – Menu and change of taste – Experiments on

CONTINTS

"mediat appetitus" Percension of appetito Ghange in appetite — Food preferences in new-born animals — Empiricism' and 'nativism' versus 'homeostasis' — The avidity theory of appetite — Need and instinct — Sex needs in animals

BOCIAL PSYCHOLOGY OF ANIMALS

Social psychology of animals and man - Forms of animal society - Communication in animal societies and the problem of animal speech - Example of the breaking up of a family - A 'Kaspar Hauser' experiment - Social rank and despotism - Individual differences in animals

8. MAN AND ANIMAL: A PSYCHOLOGICAL COM-

The biological approach to animals and men – The psychological unity of mankind – Sensory capacity in animals and men – Instinctive behaviour in animals and men – Individual adaptability: lower forms – Individual adaptability: higher forms – The use of tools by animals and men – The problem of cultural tradition

GLOSSARY

i de la

OTHER READING

· . Ω.

INDEX