

UNIVERSITY OF NORTH BENGAL

B.SC Programme 2nd Semester Examination ,2020

DSC2-ZOOLOGY PRACTICAL

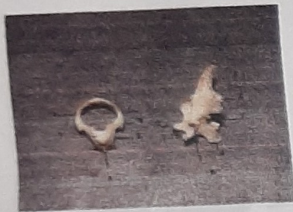
COMPARATIVE ANATOMY AND DEVELOPMENTAL BIOLOGY OF VERTEBRATES

Time Alloted:5 Hours

Full Marks:20

1. Identify the following 4 bones of pigeon from the given photograph.

2.5 x 4 = 10



A



B



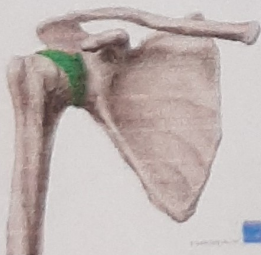
C



D

2. Identify the following 4 bones of guinea pig from the given photograph.

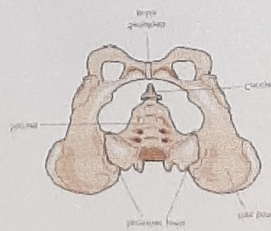
2.5 x 4 = 10



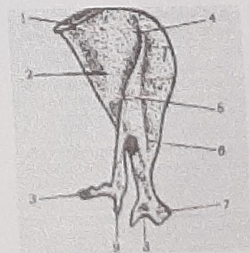
A



B



C



D

UNIVERSITY OF NORTH BENGAL

B.SC Programme 4th Semester Examination ,2020

DSC4-ZOOLOGY PRACTICAL

GENETICS AND EVOLUTIONARY BIOLOGY

TIME:5 HOURS

FULL MARKS:20

1.From the given table of observed values decide that it accept null or alternative hypothesis.(CHI SQUARE TEST).
10 X 1 = 10

QUALIFICATION /MARITAL STATUS	MIDDLE SCHOOL	HIGH SCHOOL	BACHELOR'S	MASTERS	Ph.D	TOTAL
NEVER MARRIED	18	36	21	09	06	90
MARRIED	12	36	45	36	21	150
DIVORCED	06	09	09	03	03	30
WIDOWED	03	09	09	06	03	30
TOTAL	39	90	84	54	33	300

1. From the given 2 karyotype photograph identify that which one is disease (specify which disease) and which one is normal(male/female).
5 x 2 = 10

