

MODEL PRACTICAL PAPER
GOVERNMENT COLLEGE UNIVERSITY FAISALABAD.
B. SC (COMPOSITE) ANNUAL -2012 SUBJECT: ZOLLOLOGY –A.

Time Allowed: 3 hours

Maximum marks: 20

1. Test the given material for the presence of carbohydrates. Protein and fatty acid. 6
2. Prepare a slide of the given culture and demonstrate various types of protozoa 5
3. Identify and write Notes on A to D 4
4. Viva voce 3
5. Practical Note Book 2

Key for the Examiner

1. Wheat flour
2. Protozoa culture
3. A. Connective tissues, B. cardiac muscles C. Tadpole larva of frog. D. Gastrula stage of Rabbit

MODEL PRACTICAL PAPER

GOVERNMENT COLLEGE UNIVERSITY, FAISALABAD

B.SC. (COMPOSITE)

ANNUAL – 2012

SUBJECT: ZOOLOGY –B

Time allowed: 3hours

Maximum Marks: 20

1. Make permanent slide of material provided. Draw its diagram and label its different parts.

4

2. Write phylum and class and at least two adaptations in relations to their habitat for specimen A to E.
3. Write phylum, class, order and at least two adaptations in relation to their habitat for specimen A to E.
4. Viva Voce
5. Note Book

Key for the Examiner

Time allowed: 2 hours

1. Make permanent slide of the material provided. Draw its diagram and label its different parts
 - i. Obelia
2. Write phylum, class and at least two morphological adaptation in relation to their habitat for specimen I to V:
 - i. Amoeba
 - ii. Comb jelly
 - iii. Chiton
 - iv. Brittle star
 - v. Scorpion
3. Write phylum, order, and at least two diagnostic characters of the following;
 - i. Frog
 - ii. Rabbit
 - iii. Snake
 - iv. Pigeons
 - v. Bat
4. Viva Voce
5. Note Book

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B.SC. (COMPSITE) ANNUAL – 2012 SUBJECT: ZOOLOGY –B

Time allowed: 3hours

Maximum Marks: 20

1. Pick out the _____ form the skeleton provided to you identify, draw and label its diagram.
2. Dissect the animal provided to you and expose its _____system, draw and label its diagram
3. Viva voce
4. Note Book

KEY FOR EXAMINERS

1. Rabbit _____ Pectoral Girdle
2. Frog _____ Arterial system
3. Viva voce
4. Note Book

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Paper a(practical)

Time Allowed 4 Hr

Max Marks: 25

Note:

Mark at least three experiments. The examiner will allot you one experiment to perform out of market experiments.

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|-----------|--|-------|
| Q. No. 1. | Determine the surface tension of water by capillary tube method. | 20 |
| Q. No. 2. | Determine the frequency of A.C mains by Melde' apparatus. | 20 |
| Q. No. 3 | Determine the radius of lycopodium particles | 20 |
| Q. NO.4 | Determine the unknown law resistance by Carey Foster Bridge. | 20 |
| Q. NO. 5. | Determine the temperature co-efficient of a given resistance | 20 |
| Q. NO. 6 | Note Book | 2 1/2 |
| Q. No. 7 | Viva voce | 2 1/2 |

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B.SC. (COMPOSITE)

ANNUAL – 2012

SUBJECT: ZOOLOGY –B

Paper B(PRACTICAL)

Time Allowed 4Hr

Max Marks: 25

Note:

Mark at least two experiments.

1. Perform only one as allotted by the examiners
2. Write down the brief procedure.

Q. No. 1	Determine the ionization potential of mercury?	20
Q. No.2	Determine the e/m of electron by deflection method?	20
Q. No3	Determine the range of Alpha particles in air?	20
Q. No. 4	Set up an R..L.C series circuit. Draw its frequency?	20
Q. No. 5	Set up a full wave rectifier and study it's wave shapes on the oscillation.	20
Q. No. 6	Note Book	2 ½
Q. No. 7	Viva Voce	2 ½