

**2018****CBCS****1st Semester****ZOOLOGY****PAPER—DSC-1AP****(General)****(Practical)***Full Marks : 20**Time : 2 Hours*

*The figures in the right-hand margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

*Attempt the following questions according to direction.*

***Animal Diversity***

1. (a) Identity the specimens Marked 'A', 'B', 'C', 'D' and 'E' with reasons according to syllabus. 5×3

or,

- (b) (i) Construct a key for identification of poisonous and Non poisonous snakes. 10

- (ii) Identify the specimens marked 'F' and 'G' with suitable reasons.

2½×2

*[Staining :6, Focusin: 1]*

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|-------------------------|---|
| 2. Laboratory Note Book | 2 |
| 3. Viva-Voce            | 3 |
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**2018**

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**(General)**

**(Practical)**

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***Instruction for Examiners***

1. (a) For identification specimens should be selected from different kingdom/Phylum/Classes for the same batch i.e., one from protozoa, one from Cnidaria, One from Mollusca, one from Fish, one from Reptiles. (No credit will be given for wrong identification)
- (b) (i) Common one poisonous and non poisonous snakes should be provided for construction of key.
- (ii) Two identification should be selected from the following—T.S. & L.S. of *Sycon* ; T.S. of male & female *Ascaris* ; Study of Life history stages of *Taenia*.

*(Turn Over)*

2. Lab note Book/'Animal album' containing cutouts, photographs with appropriate write up within the syllabus should be submitted, otherwise no credit will be given to the candidate. Also the LNB or 'Animal album' should be properly signed.
3. Minimum three (3) questioned should be asked.

*Marks Distribution :*

1. (a) 1 for correct naming of specimen (without spelling mistakes)  
2 for writing four, suitable characters.
  - (b) (i)  $\frac{1}{2}$  for correct identification, 2 for writing four suitable characters.  
(ii) For key part marking can be done.
  3. 1 mark for each correct answer.
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