

Proceedings of the meeting of the Combined Board of Studies in Zoology held on 26.10.2013 at 11.30 am in the Department of Zoology, C.C.S. University, Meerut.

In reference to the University letter no. Committee Cell (BOS-Zoology)/850 dated 17.10.2013, a meeting of the Combined Board of Studies in subject of Zoology held on 26.10.2013 at 11.30 am in the Department of Zoology, C.C.S. University, Meerut. The following members have attended the meeting :-

1. Prof. H.S. Singh, Dean, Faculty of Science, C.C.S. University, Meerut (Chairman)
2. Dr. Sanjay Kumar Bhardwaj, Head, Department of Zoology, C.C.S. University, Meerut (Convener-I)
3. Dr. A. Jalil, Deptt. Of Zoology, M.S. College, Saharanpur (Convener-II)
4. Dr. Pankaj Kumar Manglik, Principal & Head, Deptt. Of Zoology, I.P. College, Bulandshahr.
5. Prof. Vinod Kumar, Deptt. Of Zoology, Delhi University, Delhi.
6. Prof. S.M. Singh, Deptt. Of Zoology, M.J.P. Rohilkhand University, Bareilly.
7. Dr. M.P. Tyagi, Principal, Ch. Shiv Nath Singh Sandilya (PG) College, Machhra (Meerut).
8. Dr. A.K. Pandey, Principal Scientist, N.B.F.G.R., Lucknow.

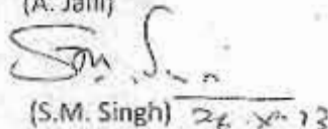
The committee members perused the syllabus of B.Sc./M.Sc./Pre-Ph.D. Course work in the subject of Zoology prepared by the committee members earlier and discussed the same syllabus thoroughly. After perusal and discussion, the committee has decided approved as under:

- i. The committee has approved the Theory and Practical syllabus of B.Sc. (Zoology) III year to be effective from academic session 2013-14. Further, the committee has authorized the conveners for changes, if needed.
- ii. Convener-I proposed the course of chronobiology and ^{mechanisms} regulation of ^{animals} behaviour to be opened in M.Sc. IV Semester Specialization from 2013-14 at the C.C.S. University Campus. After discussion it was modified and approved to be forwarded for further approval.
- iii. Further, the committee discussed the syllabus of M.Sc. (Zoology) I, II, III and IVth Semester Theory + Practical Courses including the special courses as well and approved the same with slight modification in applied entomology Special Courses Code No. H-4080 & H-4081.
- iv. The committee members discussed the syllabus of Pre-Ph.D. Course in Zoology and suggested the modification to be made and finalized by Convener-I & II in consultation with Chairman.

v. The conveners are authorized to submit the panel of examiners of B.Sc.

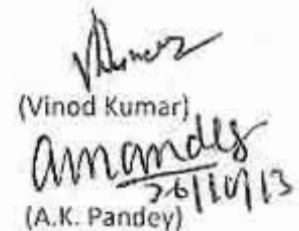
The committee ended with a vote of thanks to the chairman. and M.Sc.

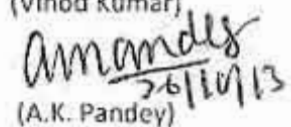

(A. Jalil)


(S.M. Singh) 26.10.13



(P. K. Manglik)

(M.P. Tyagi)


(Vinod Kumar)


(A.K. Pandey) 26/10/13


(H.S. Singh)


(S.K. Bhardwaj)

B.Sc. III Zoology (Practical Syllabus)

Duration : 4 hrs

MM: 75

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|---|----------|
| 1. Dissection Major - | 12 Marks |
| • Cockroach | |
| o Central Nervous System | |
| o Alimentary Canal with Salivary glands | |
| • Wallago or any other suitable fish | |
| o Cranial Nerves | |
| 2. Major Dissection & Permanent Mounting - | 06 Marks |
| • Halter, wing and Antenna of Housefly | |
| • Mouth parts of Mosquito, Housefly | |
| 3. Temporary Mounting | 05 Marks |
| • From Dissecting animals or material provided | |
| 4. Identify and comment upon spots (1 - 8) | 16 Marks |
| • Entamoeba, Englena, Paramecium, Opalina, Balantidium, Nyctotherus, Trypanosoma, Fasciola, Taenia, Polystomella, Schistosoma, Ascaris, Ancylostoma, Edible fishes, Cimex, Pediculus, Larval stages of helminths, arthropods, Pest - Sugarcane leaf hopper, Gundhi Bug, Termite, Rodents etc. | |
| 5. Economic Zoology Spot (One) | 06 Marks |
| • Life cycle of Silkworm, Honeybee, Lac insect | |
| 6. Biological Tool Techniques/Spot (One) | 06 Marks |
| • As per Theory Syllabus | |
| 7. Biostat Numerical/Microbiology/Immunology Behaviour (One) | 06 Marks |
| • As per Theory Syllabus | |
| 8. Ecology/Pollution/Toxicology (One) | 06 Marks |
| • As per Theory Syllabus | |
| 9. Viva Voce | 06 Marks |
| 10. Record/Project/Collection | 06 Marks |

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26/10/13
(Convener I)

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