

FAKIR CHAND COLLEGE
INTERNAL EXAM 2020/2021
SEM 1 ZOOLOGY HONOURS

Paper- CC1.Nonchordates I
FM-10

Answer any Ten (10) : 10x1

1. What is taxonomic hierarchy?
2. What are exconjugants?
3. What is a mastigote?
4. Name different types of pseudopodia.
5. State the significance of canal system in Poriferans.
6. What is atoll?
7. What is metagenesis?
8. What are zooids?
9. What is the role of symbiotic algae in reef formation.
10. What are Ctenophoras?
11. What is proglottid?
12. How can *Fasciola hepatica* be controlled?
13. How can you differentiate between a male and female *Ascaris* ?
14. What is Microfilaria?
15. State the morphological adaptation of a parasitic helminth.

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Paper- CC2.Molecular Biology
FM-10

Answer any Ten (10) : 10x1

1. Write the function of topoisomerase.
2. What are SSB proteins?
3. What is replicon?
4. What is abortive initiation?
5. What is the function of sigma factor in transcription?
6. What is spliceosome?
7. What is wobble hypothesis?
8. State one difference between polycistronic and monocistronic mRNA?
9. What is catabolic repression.
10. What is DNA methylation.
11. Write the utility of Western Blotting.
12. What is Spliceosomal splicing?
13. Mention the names of the units of a mature spliceosomal complex.
14. What is the basic difference between BER and NER.
15. What is hyperchromic shift?