

FAKIR CHAND COLLEGE
INTERNAL EXAM 2021
SEMESTER- 5
ZOOLOGY HONOURS

Paper- CC11

FM-10

Answer the following: 10x1

1. What is Biome?
 2. What are limiting factors?
 3. What is a survivorship curve?
 4. Name an r selected species.
 5. Name one density independent factor.
 6. What is niche?
 7. What is grazing food chain?
 8. What are keystone species?
 9. Name one biodiversity hotspot outside Asia.
 10. What is red data book?
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Paper- CC12

FM-10

Answer the following: 10x1

1. What is Epistasis ?
2. Differentiate between penetrance and expressivity .
3. How crossing over is related to incomplete linkage ?
4. Give an example of a sex linked trisomy .
5. Differentiate between autopolyploid and allopolyploid .
6. Write the conclusion of biochemical mutation detection in *Neurospora* .
7. What do you mean by Non disjunction ?
8. What are the Dosage compensation complexes ?
9. Define – Maternal effect . Give an example .
10. Differentiate between transposon and retrotransposon .

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Paper- DSEA PARASITOLOGY

FM-10

Answer the following: 10x1

1. What is a host-parasite relationship called?
 2. What is obligatory parasite?
 3. What is vector?
 4. How are nematodes beneficial to plants?
 5. What is cookie cutter shark?
 6. What is the infective stage of Filaria parasite?
 7. Define paroxysm.
 8. Give two symptoms of Taeniasis.
 9. What is the prophylaxis of giardiasis?
 10. What causes African sleeping sickness?
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Paper- DSEB ENDOCRINOLOGY

FM-10

Answer the following: 10x1

1. Write the names of hormones involved to maintain calcium homeostasis.
2. Write the principle of ELISA technique.
3. Write 1 function of insulin hormone.
4. What is feedback mechanism of hormones?
5. How does mechanism of hormone action differ between protein and steroid hormones?
6. What are 2nd messengers?
7. What is LH surge?
8. What are chromaffin cells?
9. What are induced ovulators?
10. Name the source nuclei of oxytocin.