Smt. ASM College for Women, Bellary

Department of Zoology 6.1 paper

1. Two marks

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| 1. Endocytosis 2011,15 2. Mesoblastic cleavage 2011 3. Blastodisc 2011,13 4. Sulphation 2014 5. Polylecithal eggs 2011 6. Surrogate mother 2011,14 7. Cytoskeleton 2011 8. Monospermy and Polyspermy 2011,15 9. Homogenization 2011 10. Significance of fertilization 2011 11. Anaphase 2012 12. External fertilization 2012 13. Cell culture 2012 14. Implantation 2012 15. G2 Phase 2012 16. Acrosome 2012 17. Ultra centrifuge 2012,15 18. Holoblastic cleavage 2012,15 19. Alecithal egg 2012 20. Preformation theory 2012,14,15 21. Animalcule 2013 22. Coeloblastula 2013 23. Scope of embryology 2013 | 1. Polar bodies 2013 2. Glycosylation 2013 3. Grey crescent 2013 4. Pachytene 2013,14 5. Meroblastic cleavage 2013 6. Twins 2013 7. Suicide bags 2013,15 8. Cisternae 2013 9. Blastocyst 2014 10. Cortical granules 2014 11. Effect of yolk on cleavage 2014 12. Extra embryonic coelom 2014 13. Spermatozoa 2014 14. Epithelio chorial placenta 2014 15. Cristae 2014 16. Metastasis 2014 17. Centrifugation 2014 18. Test tube baby 2015 19. Azoospermia 2015 20. Epiboly 2015 21. G1 Phase 2015 22. Malignant tumour 2015 23. Telophase of Mitosis 2015 |
| Five marks   1. Cleavage in frog 2011 2. Chorio- vitelline placenta 2011 3. Characteristics of Cancer Cell 2011,15 4. Explain cell cycle 2011,13 5. Structure of mature sperm 2011,13,15 6. Explain the process of prophase I of meiosis 2012 7. Cortical reactions 2012 8. Gastrula of frog 2012 9. Explain different types of cancer 2012 10. Multiple births 2012 11. Yolk sac placenta and Allantoic placenta 2013,15 12. Invitro fertilization 2013 13. Structure of 18 hours chick embryo 2013 14. Structure of Ribosome 2013 15. Menstrual cycle 2014 16. Functions of Amnion and Allantois 2014 17. Types of fertilization and significance of fertilization 2014 18. Egg of frog 2014 19. Explain the stages of Mitosis 2014 20. Structure of Endoplasmic reticulum 2014 21. Explain capacitation and contact stage of fertilization 2015 22. Role of sex hormones in the regulation of menstrual cycle 2015 23. I Meiotic division 2015 | Ten marks   1. Explain the process of spermatogenesis 2011,12 2. Describe 24 hours chick embryo 2011,15 3. Ultra structure of animal cell 2011,14 4. Explain I meiotic division 2011 5. Morphogenetic movements during Gastrulation and explain the Gastrula of frog 2011,14 6. Write the structure and functions of Golgi apparatus. 2012,15 7. Explain 48 hours chick embryo 2012 8. Explain the working of electron microscope 2012 9. Classify placenta on the basis of histology 2012 10. Explain the process of oogenesis 2013,15 11. Architecture of Hen’s egg 2013,14 12. Extra embryonic membranes of chick 2013,15 13. Describe the menstrual cycle in detail 2013 14. Structure and functions of mitochondria 2013,15 15. Describe the different types of cancer and add a note on physical and chemical carcinogens 2013 16. Describe the development of chick during the first day of incubation 2014 17. Describe the structure and functions of Plasma membrane 2014 18. Explain the development of frog upto gastrula 2015 19. Classify placenta on the basis of morphology and mention functions of placenta 2014 |