| BS Zoology, Session:2020 Course Code: ZOOL3111 Subject: Developmental Biology | | Roll No. (in fig.) |
|---|--|---------------------------|
| SECTION: | I (MCQ's) | Candidate's Signature. |
| Time Allowed: 20 Minutes | Max. Marks: 20 | |
| NOTE: Encircle the correct/ best answer Question carries 1 mark. Use of remover Overwriting is not allowed. | in each of the followings. Each carries zero mark. Cutting and | Signature of Addl. Supdt. |
| Q1. | | |
| The notochord is essential for a) to develop into mesoderm b) in ectoderm d) influence embryonic folding | all except) to establish axis of the body c) to es | stablish nervous tissue |
| | e that develop on each side of notocho | rd are called as |
| a) Somites b) Neural tube Morphogenesis is concerned | c) Neural crest d) Adrenal medulla | |
| | entire organisms b) Cell growth | e)Cell differentiation |
| a) Pluripotent b)Totipotent | has committed to a particular fate, it is c)Determined d)Differen | |
| Gonads develop from which c a) Endoderm b) Intermediate | mesoderm c) Paraxial mesoderm d) I | Ectoderm |
| The first phase in the sexual repr (a) Spermatogenesis (b) Oogene | oduction of organisms is | |
| | ology and function in different regions of t | he embryo. The process is |
| Egg is liberated from ovary in (a) Secondary occyte stage (b) P Fertilin are cinitted by | Primary oocyte stage (c) Oogonial stage | (d) Mature ovum stage. |
| (a) Immature eggs (b) Mature eggs | s (c) Sperms (d) Polar bodies. | |
| | from egg nucleus occurs ipletion of fertilization (b) After comple Without any relation of sperm entry. | tion of fertilization |
| influx of following except | val of cholesterol from the sperm cell men alcium ions (Ca2+) (c) Na+ (d) None | nbrane, which allows the |
| Spermatozoa are nourished durir | ng their development by | |
| Formation of primitive streak ma | ., | above |
| The signals for parturition arises | the state of the s | |
| | Fetus d) Placenta and fully develop | ped fetus |
| The second by the track | notochord? Fetoderm d) Ovum | |
| Mesoderm gives rise to all the st | ructures except . | |
| (a) Gonads (b) Circulatory syste | | uscular system |
| Which of the following embryo I | | 0.0 |
| | | (d) Reptilian embryo |
| Fertilization of sperm and ovum Ampulla of oviduet | s of oviduct c) Fimbriae of oviduct | d) Uterus |
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