

National Testing Agency

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Evolutionary Biology

Group Number :	1
Group Id :	89951490
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Is this Group for Examiner? :	No

Evolutionary Biology

Section Id :	899514108
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100
Number of Questions to be attempted :	100

Section Marks : 100
Mark As Answered Required? : Yes
Sub-Section Number : 1
Sub-Section Id : 899514140
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 8995148007 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

'Modifications produced or acquired during the life time of an individual are inherited' – This theory was stated by _____.

1. Avery
2. Nelson
3. Lamarck
4. Barr

Options :

89951431658. 1
89951431659. 2
89951431660. 3
89951431661. 4

Question Number : 2 Question Id : 8995148008 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

The concept of creation of world within six days was put forward by_____.

1. Aristotle
2. Father Saurez
3. T. Swat
4. Mendel

Options :

89951431662. 1
89951431663. 2
89951431664. 3
89951431665. 4

Question Number : 3 Question Id : 8995148009 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one of the following events occurred earliest in the history of Earth?

1. Colonization of Land by Fungi
2. Evolution of Animal
3. Formation of Oxygen
4. Creation of First Human

Options :

89951431666. 1

89951431667. 2

89951431668. 3

89951431669. 4

Question Number : 4 Question Id : 8995148010 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The difference among two generation of organisms is referred to as _____.

1. % Dissimilarity
2. Change
3. Deviation
4. Variation

Options :

89951431670. 1

89951431671. 2

89951431672. 3

89951431673. 4

Question Number : 5 Question Id : 8995148011 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The concept of homology was introduced by _____.

1. Von Baer
2. Richard Owen
3. Morgan
4. Haeckel

Options :

89951431674. 1

89951431675. 2

89951431676. 3

89951431677. 4

Question Number : 6 Question Id : 8995148012 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Which of the following evidences support the process of evolution?

1. Retention of Primitive or Larval Features by Adults Provides Evidence in Favor of Evolution
2. Homologous Pairs of Organs Found in Certain Related Class
3. Fossils
4. All of The Above

Options :

89951431678. 1

89951431679. 2

89951431680. 3

89951431681. 4

Question Number : 7 Question Id : 8995148013 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

The oldest fossils are around _____ years old.

1. 1.1-2.3 Billion
2. 5.2-5.8 Billion
3. 3.48-4.1 Billion
4. 3.48-4.1 Million

Options :

89951431682. 1

89951431683. 2

89951431684. 3

89951431685. 4

Question Number : 8 Question Id : 8995148014 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Evolution is shaped by _____.

1. Homolog
2. Paralog
3. Epilog
4. Monolog

Options :

89951431686. 1
89951431687. 2
89951431688. 3
89951431689. 4

**Question Number : 9 Question Id : 8995148015 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Which of the following variations are also termed as minus and plus variations?

1. Blastogenic Variations
2. Substantive Variations
3. Continuous Variations
4. Discontinuous Variations

Options :

89951431690. 1
89951431691. 2
89951431692. 3
89951431693. 4

**Question Number : 10 Question Id : 8995148016 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

The founder effect is similar in concept to the bottleneck effect, but it occurs via a different mechanism such as _____.

1. Tsunami
2. Earthquake
3. Catastrophism
4. Colonization

Options :

89951431694. 1

89951431695. 2

89951431696. 3

89951431697. 4

Question Number : 11 Question Id : 8995148017 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

One of the excellent examples of industrial melanism is the peppered moth, *Biston betularia*, where the dark form is referred to as _____.

1. Carbanism
2. Melanin
3. Carbonaria
4. Melanism

Options :

89951431698. 1

89951431699. 2

89951431700. 3

89951431701. 4

Question Number : 12 Question Id : 8995148018 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Dobzhansky has classified isolating mechanism into _____ types.

1. Two
2. Three
3. Four
4. Five

Options :

89951431702. 1

89951431703. 2

89951431704. 3

89951431705. 4

Question Number : 13 Question Id : 8995148019 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following factor/s is/are responsible for allopatric speciation?

1. Ecologic Factor
2. Geographic Factor
3. Morphogenetic Factor
4. All of The Above

Options :

89951431706. 1
89951431707. 2
89951431708. 3
89951431709. 4

Question Number : 14 Question Id : 8995148020 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the followings is a small beaked seed-eater ground finche?

1. *Geospiza fortis*
2. *Geospiza magnirostris*
3. *Geospiza fuliginosa*
4. *Geospiza aerogenosa*

Options :

89951431710. 1
89951431711. 2
89951431712. 3
89951431713. 4

Question Number : 15 Question Id : 8995148021 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

After a bottleneck event, increase in inbreeding enhances the damage done by recessive deleterious mutations. This process is scientifically termed as _____.

1. Outbreeding Depression
2. Inbreeding Depression
3. Interspecific Suppression
4. Outbreeding Suppression

Options :

89951431714. 1

89951431715. 2

89951431716. 3

89951431717. 4

Question Number : 16 Question Id : 8995148022 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What characteristics distinguish South American monkeys from African monkeys?

1. Long Prehensile Tail
2. Grasping Fingers and Toes
3. Opposable Thumbs
4. Binocular Vision

Options :

89951431718. 1

89951431719. 2

89951431720. 3

89951431721. 4

Question Number : 17 Question Id : 8995148023 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In binomial nomenclature system, the first part of the scientific name represents_____.

1. Order
2. Family
3. Genus
4. Species

Options :

89951431722. 1

89951431723. 2

89951431724. 3

89951431725. 4

Question Number : 18 Question Id : 8995148024 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Maxilla of palaemon comprises of _____.

1. Coxa
2. Basis
3. Endopodite
4. All of The Above

Options :

89951431726. 1
89951431727. 2
89951431728. 3
89951431729. 4

Question Number : 19 Question Id : 8995148025 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The study of evolutionary relationships is termed as _____.

1. Phylogenetics
2. Molecular Evolution
3. Cladogenesis
4. Cladistics

Options :

89951431730. 1
89951431731. 2
89951431732. 3
89951431733. 4

Question Number : 20 Question Id : 8995148026 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Behavioral isolating mechanisms may occur when two species have different _____.

1. Size and Shape of Copulatory Organs
2. Habitat Ranges
3. Courtship Displays
4. Chemical Compatibilities of Their Gametes

Options :

89951431734. 1
89951431735. 2

89951431736. 3

89951431737. 4

Question Number : 21 Question Id : 8995148027 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Who had proposed "Theory of Natural Selection"?

1. Hugo De Vries
2. Charles Darwin
3. Weismann
4. Lamarck

Options :

89951431738. 1

89951431739. 2

89951431740. 3

89951431741. 4

Question Number : 22 Question Id : 8995148028 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The physician _____ was the first scientist to reject the belief of spontaneous generations.

1. Oparin
2. Haldane
3. Francesco Redi
4. Aristotle

Options :

89951431742. 1

89951431743. 2

89951431744. 3

89951431745. 4

Question Number : 23 Question Id : 8995148029 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

An amoeba is classified in domain _____.

1. Eukarya
2. Fungi
3. Plantae
4. Bacteria

Options :

89951431746. 1
89951431747. 2
89951431748. 3
89951431749. 4

Question Number : 24 Question Id : 8995148030 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

All birds would have evolved from _____ like ancestors.

1. Archaeopteryx
2. Reptile
3. Penguin
4. Pisces

Options :

89951431750. 1
89951431751. 2
89951431752. 3
89951431753. 4

Question Number : 25 Question Id : 8995148031 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Analogous organs indicate the _____.

1. Parallel Evolution
2. Common Descendant
3. Divergent Evolution
4. Convergent Evolution

Options :

89951431754. 1
89951431755. 2
89951431756. 3

89951431757. 4

Question Number : 26 Question Id : 8995148032 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Extinction is often caused by a change in _____ conditions.

1. Reproductive
2. Environmental
3. Dietary
4. None of The Above

Options :

89951431758. 1
89951431759. 2
89951431760. 3
89951431761. 4

Question Number : 27 Question Id : 8995148033 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A versatile French naturalist _____ is referred to as Founder or Father of Modern Paleontology who formulated the "Theory of Catastrophism".

1. Charles Darwin
2. Georges Cuvier
3. Lamarck
4. Laderberg

Options :

89951431762. 1
89951431763. 2
89951431764. 3
89951431765. 4

Question Number : 28 Question Id : 8995148034 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The evolution of the horse occurred over a period of _____.

1. 50 Million Years
2. 10 Million Years
3. 20 Million Years
4. 80 Million Years

Options :

89951431766. 1
89951431767. 2
89951431768. 3
89951431769. 4

Question Number : 29 Question Id : 8995148035 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ proved that the acquired variations are non-heritable.

1. Charles Darwin
2. Weismann
3. Lamarck
4. Hugo De Vries

Options :

89951431770. 1
89951431771. 2
89951431772. 3
89951431773. 4

Question Number : 30 Question Id : 8995148036 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

World Wildlife Fund has noted in a 2016 report that vertebrate population has declined by _____ between 1970 and 2010.

1. 90%
2. 72%
3. 58%
4. 8%

Options :

89951431774. 1
89951431775. 2

89951431776. 3

89951431777. 4

Question Number : 31 Question Id : 8995148037 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following pathogen is responsible for causing infectious disease tuberculosis?

1. *Tubercle cerevisiae*
2. *Mycobacterium tuberculosis*
3. *Salmonella typhimurium*
4. *Corynebacterium diphtheria*

Options :

89951431778. 1

89951431779. 2

89951431780. 3

89951431781. 4

Question Number : 32 Question Id : 8995148038 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Aneuploidy is a chromosomal aberration associated with _____.

1. Doubling of Chromosome Set
2. Loss / Addition of Chromosome in All Sets of Chromosomes
3. Loss / Addition of Chromosome in One Set of Chromosomes
4. None of The Above

Options :

89951431782. 1

89951431783. 2

89951431784. 3

89951431785. 4

Question Number : 33 Question Id : 8995148039 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Biological species concept is recently coined by _____.

1. C. Darwin
2. E. Darwin
3. Mayr
4. Haldane

Options :

89951431786. 1
89951431787. 2
89951431788. 3
89951431789. 4

Question Number : 34 Question Id : 8995148040 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ found in lakes of the East African Rift forms the excellent example of adaptive radiation.

1. Sharks
2. Cichlid Fishes
3. Whales
4. Turtles

Options :

89951431790. 1
89951431791. 2
89951431792. 3
89951431793. 4

Question Number : 35 Question Id : 8995148041 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following extinctions is considered as a continuous process?

1. Background Extinction
2. Mass Extinction
3. Pseudoextinction
4. Planned Extinction

Options :

89951431794. 1
89951431795. 2

89951431796. 3

89951431797. 4

Question Number : 36 Question Id : 8995148042 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Java man and Peking man belonged to _____ species.

1. *Homo sapiens*
2. *Homo habilis*
3. *Homo erectus*
4. *Australopithecus boisei*

Options :

89951431798. 1

89951431799. 2

89951431800. 3

89951431801. 4

Question Number : 37 Question Id : 8995148043 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

According to the Linnaean system, which of the following classification is true?

1. Kingdom – Phylum – Class – Order
2. Kingdom – Phylum – Order – Class
3. Kingdom– Class – Order – Phylum
4. Kingdom– Class – Phylum – Order

Options :

89951431802. 1

89951431803. 2

89951431804. 3

89951431805. 4

Question Number : 38 Question Id : 8995148044 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In the abdominal appendages of prawn, 19th pair is _____.

1. First Maxillipeds
2. Second Maxillipeds
3. Uropod
4. None of The Above

Options :

89951431806. 1
89951431807. 2
89951431808. 3
89951431809. 4

Question Number : 39 Question Id : 8995148045 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Molecular phylogeny involves the study of _____.

1. Only DNA Sequences
2. Only RNA Sequences
3. Only Protein Sequences
4. DNA, RNA and Protein Sequences

Options :

89951431810. 1
89951431811. 2
89951431812. 3
89951431813. 4

Question Number : 40 Question Id : 8995148046 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Speciation is more likely to occur in cases of _____.

1. Sympatry
2. Allopatry
3. Antipatry
4. Copatry

Options :

89951431814. 1
89951431815. 2

89951431816. 3

89951431817. 4

Question Number : 41 Question Id : 8995148047 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

According to Bacon, what is the intermediate organism between birds and quadrupeds?

1. Rabbit
2. Amoeba
3. Dog
4. Bat

Options :

89951431818. 1

89951431819. 2

89951431820. 3

89951431821. 4

Question Number : 42 Question Id : 8995148048 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Polymerization of amino acids gave rise to _____ during origin of life.

1. Sugar
2. Fat
3. Protein
4. DNA

Options :

89951431822. 1

89951431823. 2

89951431824. 3

89951431825. 4

Question Number : 43 Question Id : 8995148049 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In the five-kingdom system, which kingdom consists primarily of unicellular eukaryotes?

1. Fungi
2. Protista
3. Plantae
4. Animalia

Options :

89951431826. 1
89951431827. 2
89951431828. 3
89951431829. 4

**Question Number : 44 Question Id : 8995148050 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Recapitulation theory stating 'Ontogeny Recapitulates Phylogeny' was proposed by _____.

1. Jean Baptiste De-Lamarck
2. Richard Owen
3. Ernst Haeckel
4. Weisman

Options :

89951431830. 1
89951431831. 2
89951431832. 3
89951431833. 4

**Question Number : 45 Question Id : 8995148051 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Archaeopteryx, is an example of transitional fossil between _____.

1. Birds and Mammals
2. Reptiles and Mammals
3. Amphibian and Reptile
4. Birds and Reptiles

Options :

89951431834. 1
89951431835. 2

89951431836. 3

89951431837. 4

Question Number : 46 Question Id : 8995148052 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following larval forms is common in both Mollusca and Annelida?

1. Trocophore Larvae
2. Veliger Larvae
3. Zoea Larvae
4. All of The Above

Options :

89951431838. 1

89951431839. 2

89951431840. 3

89951431841. 4

Question Number : 47 Question Id : 8995148053 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Nicholas Steno shook the world of science by noticing the similarity between the shark teeth and the rocks commonly known as _____.

1. Tongue Stones
2. Teeth Stones
3. Tongue Rock
4. None of The Above

Options :

89951431842. 1

89951431843. 2

89951431844. 3

89951431845. 4

Question Number : 48 Question Id : 8995148054 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Find out the correct order of evolution of horse.

1. *Meryhippus*, *Pliohippus*, *Equus*, *Mesohippus*
2. *Mesohippus*, *Meryhippus*, *Pliohippus*, *Equus*
3. *Mesohippus*, *Pliohippus*, *Meryhippus*, *Equus*
4. *Mesohippus*, *Meryhippus*, *Equus*, *Pliohippus*

Options :

89951431846. 1
89951431847. 2
89951431848. 3
89951431849. 4

Question Number : 49 Question Id : 8995148055 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ involves rotation of a block of genes in a chromosome at 180°.

1. Duplication
2. Insertion
3. Inversion
4. Translocation

Options :

89951431850. 1
89951431851. 2
89951431852. 3
89951431853. 4

Question Number : 50 Question Id : 8995148056 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

'Genetic Drift' is also referred to as _____.

1. Sewall Wright Effect
2. Selective Effect
3. Migration Effect
4. Meiotic Drive

Options :

89951431854. 1
89951431855. 2

89951431856. 3

89951431857. 4

Question Number : 51 Question Id : 8995148057 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Group selection promotes the altruistic behavior of an individual which benefits its close relatives. This form of natural selection is known as _____.

1. Sexual Selection
2. Kin Selection
3. Balancing Selection
4. Directional Selection

Options :

89951431858. 1

89951431859. 2

89951431860. 3

89951431861. 4

Question Number : 52 Question Id : 8995148058 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Who has given the traditional definition of species as group of interbreeding individuals that are reproductively isolated from individuals of other groups?

1. Dobzansky
2. Sewall Wright
3. Charles Darwin
4. Lamarck

Options :

89951431862. 1

89951431863. 2

89951431864. 3

89951431865. 4

Question Number : 53 Question Id : 8995148059 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Transformation of species into a new species in due course of time is considered as the _____ mode of evolution.

1. First
2. Second
3. Third
4. Forth

Options :

89951431866. 1
89951431867. 2
89951431868. 3
89951431869. 4

Question Number : 54 Question Id : 8995148060 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ is a condition having only one set of chromosomes.

1. Haploidy
2. Diploidy
3. Triploidy
4. Polyploidy

Options :

89951431870. 1
89951431871. 2
89951431872. 3
89951431873. 4

Question Number : 55 Question Id : 8995148061 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following pathogens is responsible for causing Dracunculiasis?

1. *Dracunculus meningitis*
2. *Dracunculus medinensis*
3. *Dracunculus malignans*
4. *Dracunculus bacillaceae*

Options :

89951431874. 1

89951431875. 2

89951431876. 3

89951431877. 4

Question Number : 56 Question Id : 8995148062 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Structures that have the same evolutionary origin even though they may have different structures or functions are said to be_____.

1. Analogous
2. Endemic
3. Immutable
4. Homologous

Options :

89951431878. 1

89951431879. 2

89951431880. 3

89951431881. 4

Question Number : 57 Question Id : 8995148063 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

BLAST in bioinformatics study of evolution stands for _____.

1. Basic Local Alignment Sequence Tool
2. Basic Local Alignment Search Tool
3. Basic Localized Alternate Searching Tool
4. Basic Limited Alignment Searching Tool

Options :

89951431882. 1

89951431883. 2

89951431884. 3

89951431885. 4

Question Number : 58 Question Id : 8995148064 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Prawn belongs to phylum _____.

1. Platyhelminthes
2. Echinodermata
3. Arthropoda
4. Annelida

Options :

89951431886. 1
89951431887. 2
89951431888. 3
89951431889. 4

Question Number : 59 Question Id : 8995148065 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ is a famous bibliographic database.

1. Entrez
2. PubMed
3. PIR
4. EBI

Options :

89951431890. 1
89951431891. 2
89951431892. 3
89951431893. 4

Question Number : 60 Question Id : 8995148066 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Changes in gene frequencies within a population are referred to as _____.

1. Polymorphism
2. Gene Flow
3. Macroevolution
4. Micro-evolution

Options :

89951431894. 1
89951431895. 2

89951431896. 3

89951431897. 4

Question Number : 61 Question Id : 8995148067 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following theories was proposed by Empedocles?

1. Theory of Special Creation
2. Greek Theory
3. Preformation Theory
4. Modern Theory

Options :

89951431898. 1

89951431899. 2

89951431900. 3

89951431901. 4

Question Number : 62 Question Id : 8995148068 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The modern hypothesis of origin of life was formulated by _____.

1. Haeckel
2. Epicurus
3. Aristotle
4. Francesco Redi

Options :

89951431902. 1

89951431903. 2

89951431904. 3

89951431905. 4

Question Number : 63 Question Id : 8995148069 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following theories stated that cells came from outer space and seeded the Earth?

1. Theory of Abiogenesis
2. Theory of Endosymbionts
3. Serial Endosymbiosis Theory
4. Panspermia or Cosmozoan Theory

Options :

89951431906. 1
89951431907. 2
89951431908. 3
89951431909. 4

**Question Number : 64 Question Id : 8995148070 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Greek word 'Panspermia' literally means _____.

1. Cloud Everywhere
2. Seeds Everywhere
3. Methane Everywhere
4. Life Everywhere

Options :

89951431910. 1
89951431911. 2
89951431912. 3
89951431913. 4

**Question Number : 65 Question Id : 8995148071 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Which one of the followings suggests analogy in organs?

1. Fins of Fishes and Ichthyosaur
2. Arm of Man and Wing of Bird
3. Both 1 and 2
4. None of The Above

Options :

89951431914. 1
89951431915. 2

89951431916. 3

89951431917. 4

Question Number : 66 Question Id : 8995148072 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The similarities in the embryonic stages of different vertebrate groups include:

1. Similar Form and Structures, Like Presence of Gill Clefts, Notochord, Tail and Rudiments of Eyes and Ears
2. Similarity in Replacement of Notochord by Vertebral Column
3. Similarity in Development of Limbs in Tetrapod Embryos
4. All of The Above

Options :

89951431918. 1

89951431919. 2

89951431920. 3

89951431921. 4

Question Number : 67 Question Id : 8995148073 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is/are example/s of homologous organs?

1. Wings of Bird and Butterfly
2. Fins of Fishes and Flippers of Whale
3. Front Legs of Horse and Arms of Human
4. All of The Above

Options :

89951431922. 1

89951431923. 2

89951431924. 3

89951431925. 4

Question Number : 68 Question Id : 8995148074 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Data from which of the following sources are used for constructing phylogenetic trees?

1. Morphological Data
2. Molecular Data
3. Fossil Record
4. All of The Above

Options :

89951431926. 1
89951431927. 2
89951431928. 3
89951431929. 4

Question Number : 69 Question Id : 8995148075 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ is/are type of substitution mutation.

1. Point Mutation
2. Missense Mutation
3. Both 1 and 2
4. None of The Above

Options :

89951431930. 1
89951431931. 2
89951431932. 3
89951431933. 4

Question Number : 70 Question Id : 8995148076 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following factor/s influence/s the allele frequency in a population for deviation from Hardy-Weinberg genetic equilibrium?

1. Meiotic Drive
2. Selection
3. Migration
4. All of The Above

Options :

89951431934. 1

89951431935. 2

89951431936. 3

89951431937. 4

Question Number : 71 Question Id : 8995148077 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ is based on choices made between males and females.

1. Kin Selection
2. Stabilizing Selection
3. Epigamic Selection
4. Intra-sexual Selection

Options :

89951431938. 1

89951431939. 2

89951431940. 3

89951431941. 4

Question Number : 72 Question Id : 8995148078 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Mule is a hybridization product of _____.

1. Male Horse and Female Donkey
2. Female Horse and Female Donkey
3. Male Horse and Male Donkey
4. Male Donkey and Female Horse

Options :

89951431942. 1

89951431943. 2

89951431944. 3

89951431945. 4

Question Number : 73 Question Id : 8995148079 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Polyploidy condition is better illustrated in _____.

1. Animals
2. Plants
3. Virus
4. Bacteria

Options :

89951431946. 1
89951431947. 2
89951431948. 3
89951431949. 4

Question Number : 74 Question Id : 8995148080 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Darwin's finches are the small Sparrow-like dark birds belonging to _____ family.

1. *Euphorbiaceae*
2. *Schropulaceae*
3. *Fringillidae*
4. *Solanaceae*

Options :

89951431950. 1
89951431951. 2
89951431952. 3
89951431953. 4

Question Number : 75 Question Id : 8995148081 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Moa were species of flightless birds that acted as a food source for the _____.

1. *Passenger pigeon*
2. *Haast's eagle*
3. *Carolina parakeet*
4. *Archaeopteryx*

Options :

89951431954. 1
89951431955. 2
89951431956. 3

89951431957. 4

Question Number : 76 Question Id : 8995148082 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The first use of fire in hominid is associated with _____.

1. *Homo erectus*
2. *Homo habilis*
3. *Homo sapiens*
4. *Australopithecus*

Options :

89951431958. 1
89951431959. 2
89951431960. 3
89951431961. 4

Question Number : 77 Question Id : 8995148083 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A branch point in phylogenetic tree from which more than two descendant groups emerge is called _____.

1. Homology
2. Similarity
3. Lineage
4. Polytohy

Options :

89951431962. 1
89951431963. 2
89951431964. 3
89951431965. 4

Question Number : 78 Question Id : 8995148084 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

How many pairs of cephalic appendages are present in the body of prawn?

1. 5
2. 4
3. 2
4. None of The Above

Options :

89951431966. 1
89951431967. 2
89951431968. 3
89951431969. 4

Question Number : 79 Question Id : 8995148085 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Format for the input sequence in 'BLAST' is _____.

1. GenBank
2. EMBL
3. FASTA
4. PIR

Options :

89951431970. 1
89951431971. 2
89951431972. 3
89951431973. 4

Question Number : 80 Question Id : 8995148086 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Geographical isolation is associated with _____.

1. Sympatric Speciation
2. Allopatric Speciation
3. Clones
4. Prides

Options :

89951431974. 1
89951431975. 2

89951431976. 3

89951431977. 4

Question Number : 81 Question Id : 8995148087 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A gradual, orderly and continuous process of change from one condition to another is known as _____.

1. Variation
2. Mutation
3. Evolution
4. Isolation

Options :

89951431978. 1

89951431979. 2

89951431980. 3

89951431981. 4

Question Number : 82 Question Id : 8995148088 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The first man created by God was known as_____.

1. Moneran
2. Coacervates
3. Protistan
4. Adam

Options :

89951431982. 1

89951431983. 2

89951431984. 3

89951431985. 4

Question Number : 83 Question Id : 8995148089 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ are phospholipid molecules present in turbulent water, self-assemble into a lipid bilayer forming membrane-bound droplets capable of undergoing growth and division.

1. Liposomes
2. Nucleosomes
3. Proteosomes
4. Coacervates

Options :

89951431986. 1
89951431987. 2
89951431988. 3
89951431989. 4

Question Number : 84 Question Id : 8995148090 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Primitive atmosphere of Earth was _____.

1. Devoid of Carbon Dioxide
2. Devoid of Ammonia
3. Devoid of Oxygen
4. Devoid of Methane

Options :

89951431990. 1
89951431991. 2
89951431992. 3
89951431993. 4

Question Number : 85 Question Id : 8995148091 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Pleopod is present in _____ region of prawn body.

1. Head
2. Thoracic
3. Abdomen
4. Telson

Options :

89951431994. 1

89951431995. 2

89951431996. 3

89951431997. 4

Question Number : 86 Question Id : 8995148092 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Adaptive radiation occurs in a/an _____ interval of geological time.

1. Short
2. Moderate
3. Fast
4. Extremely Fast

Options :

89951431998. 1

89951431999. 2

89951432000. 3

89951432001. 4

Question Number : 87 Question Id : 8995148093 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Out of 1.5 million species of known living organisms, only _____ fossil species have been described.

1. 1.2 Million
2. 2,300
3. 2,30,000
4. 1,30,000

Options :

89951432002. 1

89951432003. 2

89951432004. 3

89951432005. 4

Question Number : 88 Question Id : 8995148094 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Scientific name of modern horse is _____.

1. *Equus caballus*
2. *Equus ass*
3. *Equus zebra*
4. *Equus domesticus*

Options :

89951432006. 1
89951432007. 2
89951432008. 3
89951432009. 4

Question Number : 89 Question Id : 8995148095 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The legs which are adapted for climbing are termed as _____.

1. Fossorial
2. Scansorial
3. Cursorial
4. Volant

Options :

89951432010. 1
89951432011. 2
89951432012. 3
89951432013. 4

Question Number : 90 Question Id : 8995148096 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In which year Hardy-Weinberg formula came into existence in population genetics?

1. 1899
2. 1908
3. 1988
4. 1989

Options :

89951432014. 1
89951432015. 2

89951432016. 3

89951432017. 4

Question Number : 91 Question Id : 8995148097 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following social insect provides best example of altruism?

1. Earthworm
2. Cockroach
3. Lizard
4. Honey Bee

Options :

89951432018. 1

89951432019. 2

89951432020. 3

89951432021. 4

Question Number : 92 Question Id : 8995148098 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Post-mating isolation mechanism involves _____.

1. Zygote Mortality
2. Geographic Isolation
3. Climatic Isolation
4. Seasonal Isolation

Options :

89951432022. 1

89951432023. 2

89951432024. 3

89951432025. 4

Question Number : 93 Question Id : 8995148099 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Cryptic species are morphologically similar but _____ isolated.

1. Morphologically
2. Biochemically
3. Physiologically
4. Reproductively

Options :

89951432026. 1
89951432027. 2
89951432028. 3
89951432029. 4

Question Number : 94 Question Id : 8995148100 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Basic principles of embryonic development were pronounced by _____.

1. Lamarck
2. Von Baer
3. Aristotle
4. Haeckel

Options :

89951432030. 1
89951432031. 2
89951432032. 3
89951432033. 4

Question Number : 95 Question Id : 8995148101 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following species has little genetic diversity?

1. San Clemente Sage Sparrow
2. Passenger Pigeon
3. Silversword Species
4. Black-Footed Ferret

Options :

89951432034. 1
89951432035. 2

89951432036. 3

89951432037. 4

Question Number : 96 Question Id : 8995148102 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ is not an ape.

1. Orangutan
2. Chimpanzee
3. Tamarin
4. Gibbon

Options :

89951432038. 1

89951432039. 2

89951432040. 3

89951432041. 4

Question Number : 97 Question Id : 8995148103 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Homologous genes found in different species as a result of speciation are known as _____.

1. Paralogous Genes
2. Orthologous Genes
3. Omnilogous Genes
4. None of The Above

Options :

89951432042. 1

89951432043. 2

89951432044. 3

89951432045. 4

Question Number : 98 Question Id : 8995148104 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

PAUP in evolutionary biology stands for _____.

1. Phylogenetic Analysis Using Parsimony
2. Phylogenetic Analysis Using Pairwise
3. Proteomic Analysis Using Parsimony
4. Phylogenetic Analysis Using Protein

Options :

89951432046. 1
89951432047. 2
89951432048. 3
89951432049. 4

Question Number : 99 Question Id : 8995148105 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The average brain size of a modern human is _____ cubic centimeter.

1. 1600-1800
2. 1300-1400
3. 800-1000
4. 400-500

Options :

89951432050. 1
89951432051. 2
89951432052. 3
89951432053. 4

Question Number : 100 Question Id : 8995148106 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is not a pre-zygotic isolating mechanism?

1. Production of Sterile Hybrids
2. Prevention of Gamete Fusion
3. Geographical Isolation
4. Temporal Isolation

Options :

89951432054. 1
89951432055. 2

89951432056. 3

89951432057. 4