

Biology - Model Test Serial 2

95

95

95. Conversion of blastula into gastrula is

- (A) Cleavage
- (B) Morphogenesis
- (C) Differentiation
- (D) Reproduction

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Answer

95

B

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917

917

917. The term evolution in biology means that

- (A) Fossils are old
- (B) Living things constantly change
- (C) Life began in sea
- (D) Man descended from apes

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Answer

917

B

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937

937

937. As evident from records which era had no life

- (A) Azoic
- (B) Proterozoic
- (C) Paleozoic
- (D) Coenozoic

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Answer

937

A

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952

952

952. Concept of ladder of nature (Scala Naturae) was developed by

- (A) Empedocles
- (B) Plato
- (C) Aristotle
- (D) Erasmus Darwin

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Answer

952

C

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2031

2031

2031. Trachoma is caused by

- (A) Spirochaete
- (B) Chlamydia
- (C) Trichonympha
- (D) Paramecium

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Answer

2031

B

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3215

3215

3215. Calcium deposition and larvicidal properties are found in

- (A) Diatoms
- (C) Chara
- (B) Oscillatoria
- (D) Batrachospermum

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Answer

3215

C

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4306

4306

4306. Characteristic of rotifers is

- (A) Small size
- (B) Ring of cilia
- (C) Multicellular nature
- (D) All the above.

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Answer

4306

B

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4388

4388

4388. Some reptiles show autotomy which means

- (A) Signal for courtship
- (B) State of starvation prior to death
- (C) Signal for charging
- (D) Voluntary breaking tail to confuse enemy

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Answer

4388

D

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6711

6711

6711. Which one takes part in bacterial conjugation

- (A) Flagellum
- (B) Pilus
- (C) Fimbria
- (D) Plasmodesma

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Answer

6711

B

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7533

7533

7533. Mineral associated with cytochrome is

- (A) Cu
- (B) Mg
- (C) Fe and Mg
- (D) Fe and Cu

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Answer

7533

D

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7922

7922

7922. Terminalisation occurs during

- (A) Mitosis
- (B) Diakinesis
- (C) Meiosis II
- (D) Cytokinesis

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Answer

7922

B

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7959

7959

7959. Disjunction is

- (A) Chromosome separation during mitosis
- (B) Chromosome separation during prophase I
- (C) Chromosome separation in anaphase I
- (D) Chromosome separation during Telophase I.

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Answer

7959

C

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8591

8591

8591. The killer chemical secreted by kappa particles is

- (A) Zymin
- (B) Paramecin
- (C) Plasmon
- (D) Secretin

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Answer

8591

b

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8799

8799

8799. Hexaploid wheat is

- (A) *Triticum turgidum*
- (B) *Triticum aestivum*
- (C) *Triticum monococcum*
- (D) *Triticum durum*.

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Answer

8799

b

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8868

8868

8868. Mutation caused by a mutagen is

- (A) Induced
- (B) Natural
- (C) Spontaneous
- (D) Chemical mutation

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Answer

8868

a

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8922

8922

8922. Codes for mRNAs and proteins are

- (A) Zigzag
- (B) Coplanar
- (C) Colinear
- (D) None of the above.

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Answer

8922

C

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9289

9289

9289. New strand formation on a DNA template can be initiated only by

- (A) DNA polymerase I
- (B) RNA primer
- (C) DNA polymerase III
- (D) RNA DNA complex co primer

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Answer

9289

b

Biology - Model Test Serial 2

9308

9308

9308. The term gene was coined by

- (A) Nirenberg
- (B) Khorana
- (C) Kornberg
- (D) Johannsen.

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Answer

9308

d

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9339

9339

9339. Hargobind Khorana is known for

- (A) Discovery of DNA
- (B) Discovery of DNA ligase
- (C) Discovery of tRNA
- (D) Discovery of rRNA

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Answer

9339

b

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9407

9407

9407. Genetic code determines

- (A) Morphological traits
- (B) Variations
- (C) Sequence of amino acids in polypeptides
- (D) Structural pattern

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Answer

9407

C

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9499

9499

9499. Dispersal of seed in Opium Poppy occurs by

- (A) Explosive mechanism
- (B) Parachute mechanism
- (C) Censer mechanism
- (D) Chiropterophilous mechanism

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Answer

9499

C

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10108

10108

10108. "Histogen theory" in biology refers to an obsolete theory in botany. According to this theory, epidermis is formed by

- (A) Plerome
- (B) Protoderm
- (C) Periblem
- (D) Dermatogen

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Answer

10108

d

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10235

10235

10235. Only disc/tubular florets occur in the capitulum of

- (A) Lactuca
- (B) Cichorium
- (C) Ageratum
- (D) Helianthus.

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Answer

10235

C

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10865

10865

10865. Climbing roots occur in

- (A) Vanda
- (B) Vanilla
- (C) Pongamia
- (D) Salvia

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Answer

10865

b

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11126

11126

11126. A false fruit is the one which develops from

- (A) Single flower
- (B) Single flower having attached parts alongwith ovary
- (C) Nucellus only
- (D) Parts of an ovary.

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Answer

11126

B

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11232

11232

11232. Pappus is characteristic of family

- (A) Asteraceae also known as Compositae
- (B) Papaveraceae
- (C) Papilionaceae
- (D) Mimosidae

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Answer

11232

A

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12040

12040

12040. Matrix of hyaline cartilage contains

- (A) Collagen
- (B) Chondrin
- (C) Ossein
- (D) None of the above

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Answer

12040

B

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12479

12479

12479. In Earthworm male genital apertures are present ventrally in the segment

- (A) 9 th
- (B) 14 th
- (C) 17th
- (D) 18th.

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Answer

12479

d

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12630

12630

12630. The term protobiogenesis has been introduced by

- (A) Oparin
- (B) Fox
- (C) Haldane
- (D) Aristotle

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Answer

12630

B

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13510

13510

13510. The term Sink is used for

- (A) Phytochrome
- (B) Enzymes
- (C) guard cells
- (D) Transport of minerals

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Answer

13510

D

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13930

13930

13930. Otoconia are

- (A) Cochlear opening
- (B) Ear stones
- (C) Sensory hair
- (D) Blepharoplasts

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Answer

13930

B

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14178

14178

14178. The main function of cerebrospinal fluid is

- (A) Nourishment of brain and spinal cord
- (B) Functioning as cushion against shocks
- (C) Keeping the central nervous system moist
- (D) All the above.

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Answer

14178

D

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14179

14179

14179. Crura cerebri consist of nerve fibres of

- A) Bands that cross each other
- (B) Transverse bands
- (C) Oblique bands
- (D) Longitudinal bands

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Answer

14179

D

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14315

14315

14315. Under-secretion of thyroxine in children causes

- (A) Acromegaly
- (B) Cretinism
- (C) Rickets
- (D) Addison's disease.

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Answer

14315

B

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14396

14396

14396. Injection of glucagon will

- (A) Increase blood sugar
- (B) Cause galactosemia
- (C) Cause Oedema
- (D) Cause goitre.

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Answer

14396

A

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14542

14542

14542. stimulates milk secretion

- (A) Prolactin
- (B) ADH
- (C) Estrogen
- (D) FSH

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Answer

14542

A

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14667

14667

14667. Progesterone is

- (A) Hormone concerned with retention and growth of pregnancy
- (B) Hormone to initiate parturition
- (C) cause of Alkaptonuria
- (D) helps in digestion

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Answer

14667

A

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15677

15677

15677. Root cap is associated with

- (A) Protection of root tip
- (B) Absorption of nutrients
- (C) geotropic movements
- (D) Both A and C.

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Answer

15677

D

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17664

17664

4. In Porifera, skeleton forming cells are:

- (a) amoebocytes
- (b) thesocytes
- (c) sclerocytes
- (d) archaeocytes

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Answer

17664

D

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18850

18850

18850. Mammalian skin has

- (A) Sweat glands
- (B) Sebaceous glands
- (C) Mucous glands
- (D) All of the above

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Answer

18850

C