

National Testing Agency

Question Paper Name: VETERINARY 30th May 2019 Shift2 Set1
Subject Name: VETERINARY
Creation Date: 2019-05-30 19:01:12
Duration: 180
Total Marks: 100
Display Marks: Yes
Share Answer Key With Delivery Engine: Yes
Actual Answer Key: Yes

VETERINARY

Group Number : 1
Group Id : 128206227
Group Maximum Duration : 0
Group Minimum Duration : 120
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time: 0
Group Marks: 100

Part - A

Section Id : 128206383
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 30
Number of Questions to be attempted: 30
Section Marks: 30
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 128206634
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 12820613533 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Find the order of the reaction, if the rate of a gaseous reaction is halved when the volume of the vessel is doubled.

- (a) 1
- (b) 2
- (c) 0
- (d) 3

Options :

- 12820653395. A
- 12820653396. B
- 12820653397. C
- 12820653398. D

Question Number : 2 Question Id : 12820613534 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The correct statement with respect to the complexes $\text{Ni}(\text{CO})_4$ and $[\text{Ni}(\text{CN})_4]^{2-}$ is

- (a) Nickel is in the same oxidation state
- (b) both have tetrahedral geometries
- (c) both have square planar geometries
- (d) have Tetrahedral and Square planar geometry respectively

Options :

- 12820653399. A
- 12820653400. B
- 12820653401. C
- 12820653402. D

Question Number : 3 Question Id : 12820613535 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

For which of the following process is the entropy change zero?

- (a) Isobaric
- (b) Isothermal
- (c) Adiabatic
- (d) Constant volume

Options :

- 12820653403. A
- 12820653404. B
- 12820653405. C
- 12820653406. D

Question Number : 4 Question Id : 12820613536 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Tartaric acid contains two stereogenic centres. How many stereoisomers are possible?

- (a) 2
- (b) 8
- (c) 4
- (d) 3

Options :

- 12820653407. A
- 12820653408. B
- 12820653409. C
- 12820653410. D

Question Number : 5 Question Id : 12820613537 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is more stable cation?

- (a) Secondary butyl cation
- (b) Tertiary Butyl cation
- (c) n-butyl cation
- (d) Methyl cation

Options :

12820653411. A

12820653412. B

12820653413. C

12820653414. D

Question Number : 6 Question Id : 12820613538 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is a uncharged particle

- (a) atom
- (b) neutrino
- (c) proton
- (d) electron

Options :

12820653415. A

12820653416. B

12820653417. C

12820653418. D

Question Number : 7 Question Id : 12820613539 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Free radicals are produced by

- (a) homolytic cleavage
- (b) heterolytic cleavage
- (c) enzymatic cleavage
- (d) oxidative cleavage

Options :

12820653419. A

12820653420. B

12820653421. C

12820653422. D

Question Number : 8 Question Id : 12820613540 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is heterocyclic?

- (a) pyran
- (b) cyclohexane
- (c) benzene
- (d) salicylic acid

Options :

- 12820653423. A
- 12820653424. B
- 12820653425. C
- 12820653426. D

Question Number : 9 Question Id : 12820613541 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Ozone is

- (a) non-magnetic
- (b) para magnetic
- (c) ferro magnetic
- (d) diamagnetic

Options :

- 12820653427. A
- 12820653428. B
- 12820653429. C
- 12820653430. D

Question Number : 10 Question Id : 12820613542 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Solve the following pair of equations:

$$\begin{aligned}2x - y &= 0 \\3x + y &= 40\end{aligned}$$

- (a) $x=0, y=0$
- (b) $x=8, y=-16$
- (c) $x=8, y=16$
- (d) $x=-8, y=-16$

Options :

- 12820653431. A
- 12820653432. B
- 12820653433. C
- 12820653434. D

Question Number : 11 Question Id : 12820613543 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the area bounded by the lines $y = 4x$, $x = 2$ and $x = 4$?

- (a) 22 sq. units
- (b) 24 sq. units
- (c) 26 sq. units
- (d) 32 sq. units

Options :

12820653435. A

12820653436. B

12820653437. C

12820653438. D

Question Number : 12 Question Id : 12820613544 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The function $y = x^2 + 5$ is a solution of which of the following differential equations?

- (a) $\frac{d^2y}{dx^2} - x \frac{dy}{dx} = 0$
- (b) $x \frac{d^2y}{dx^2} + \frac{dy}{dx} = 0$
- (c) $x \frac{d^2y}{dx^2} - \frac{dy}{dx} = 0$
- (d) $\frac{d^2y}{dx^2} + x \frac{dy}{dx} = 0$

Options :

12820653439. A

12820653440. B

12820653441. C

12820653442. D

Question Number : 13 Question Id : 12820613545 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The polynomial $x^2 - x - 12$ cuts the x-axis at

- (a) $x = 0, 0$.
- (b) $x = 3, 4$.
- (c) $x = -3, 4$.
- (d) $x = 3, -4$.

Options :

12820653443. A

12820653444. B

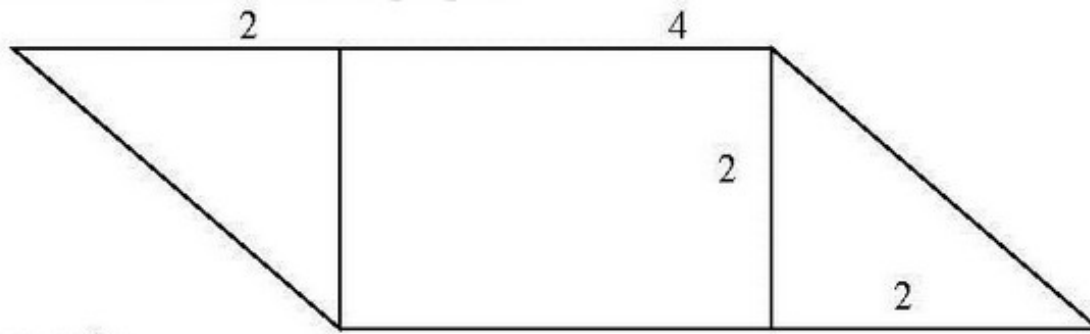
12820653445. C

12820653446. D

Question Number : 14 Question Id : 12820613546 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the area of the following figure?



- (a) 10 sq. units
- (b) 12 sq. units
- (c) 16 sq. units
- (d) 20 sq. units

Options :

- 12820653447. A
- 12820653448. B
- 12820653449. C
- 12820653450. D

Question Number : 15 Question Id : 12820613547 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Consider a right triangle ABC right angled at B. If $\tan A = 1$, then which of the following is true?

- (a) $\angle BAC = 45^\circ$
- (b) $\angle ACB = 30^\circ$
- (c) $\angle BAC = 60^\circ$
- (d) $\angle ACB = 60^\circ$

Options :

- 12820653451. A
- 12820653452. B
- 12820653453. C
- 12820653454. D

Question Number : 16 Question Id : 12820613548 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The biggest family of angiosperm is

- (a) *Asteraceae*
- (b) *Poaceae*
- (c) *Brassicaceae*
- (d) *Fabaceae*

Options :

- 12820653455. A
- 12820653456. B
- 12820653457. C
- 12820653458. D

Question Number : 17 Question Id : 12820613549 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Balanoglossis is an example of

- (a) Chordate
- (b) Hemi-Chordate
- (c) Non-Chordate
- (d) Insects

Options :

12820653459. A

12820653460. B

12820653461. C

12820653462. D

Question Number : 18 Question Id : 12820613550 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which is not a protozoan

- (a) Trypanosoma
- (b) Acanthamoeba
- (c) Entamoeba
- (d) Trichoderma

Options :

12820653463. A

12820653464. B

12820653465. C

12820653466. D

Question Number : 19 Question Id : 12820613551 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The cell organelle involved in packaging and transport of cellular proteins is

- (a) nucleus
- (b) mitochondria
- (c) chloroplast
- (d) Golgi apparatus

Options :

12820653467. A

12820653468. B

12820653469. C

12820653470. D

Question Number : 20 Question Id : 12820613552 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A simple intra cellular signalling pathway is activated by

- (a) extra-cellular molecule
- (b) effector protein molecule
- (c) plasma membrane
- (d) metabolic enzymes

Options :

- 12820653471. A
- 12820653472. B
- 12820653473. C
- 12820653474. D

Question Number : 21 Question Id : 12820613553 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The proton gradient serves as an energy store that can be used to drive

- (a) ATP break-down
- (b) water break-down
- (c) synthesis of protein
- (d) ATP synthesis

Options :

- 12820653475. A
- 12820653476. B
- 12820653477. C
- 12820653478. D

Question Number : 22 Question Id : 12820613554 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which one of the following is the weakest interaction in terms of energy out of the following four interactions

- (a) Hydrogen bonding
- (b) Van-der Waals interaction
- (c) Electrostatic interaction
- (d) Hydrophobic interaction

Options :

- 12820653479. A
- 12820653480. B
- 12820653481. C
- 12820653482. D

Question Number : 23 Question Id : 12820613555 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

You want to throw a ball to a height of 20 m from the ground. With what speed it should be thrown vertically? (use $g = 10 \text{ m/s}^2$)

- (a) 10 m/s
- (b) 20 m/s
- (c) 30 m/s
- (d) 40 m/s

Options :

12820653483. A

12820653484. B

12820653485. C

12820653486. D

Question Number : 24 Question Id : 12820613556 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Who proposed the elliptical orbit of earth around sun.

- (a) Kepler
- (b) Faraday
- (c) Galileo
- (d) Einstein

Options :

12820653487. A

12820653488. B

12820653489. C

12820653490. D

Question Number : 25 Question Id : 12820613557 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Name the type of clock which gives accurate time.

- (a) Cesium atom model
- (b) Hydrogen vacuum model
- (c) Gold pleated power chamber model
- (d) Light diffraction model

Options :

12820653491. A

12820653492. B

12820653493. C

12820653494. D

Question Number : 26 Question Id : 12820613558 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Who was awarded Nobel Prize for explanation of photo electric effect?

- (a) Marie Curie
- (b) Albert Einstein
- (c) J J Thomson
- (d) C V Raman

Options :

- 12820653495. A
- 12820653496. B
- 12820653497. C
- 12820653498. D

Question Number : 27 Question Id : 12820613559 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The slope of the line on a position- time graph is equal to the _____ of the object.

- (a) Velocity
- (b) Acceleration
- (c) Speed.
- (d) Distance

Options :

- 12820653499. A
- 12820653500. B
- 12820653501. C
- 12820653502. D

Question Number : 28 Question Id : 12820613560 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

“At constant pressure, the volume of a given mass of gas is directly proportional to its absolute temperature”. This law is called

- (a) Charles law
- (b) Boyles law
- (c) Ideal gas law
- (d) Boyers law

Options :

- 12820653503. A
- 12820653504. B
- 12820653505. C
- 12820653506. D

Question Number : 29 Question Id : 12820613561 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which one of the following devices work on principle of mutual induction.

- (a) LED
- (b) Transformers
- (c) Photodiode
- (d) Tube light

Options :

- 12820653507. A
- 12820653508. B
- 12820653509. C
- 12820653510. D

Question Number : 30 Question Id : 12820613562 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Cryogenic engines find application in

- (a) Frost free refrigerators
- (b) Submarine propulsion
- (c) Rocket technology
- (d) Researches in superconductivity

Options :

- 12820653511. A
- 12820653512. B
- 12820653513. C
- 12820653514. D

Part - B

Section Id :	128206384
Section Number :	2
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	100
Number of Questions to be attempted:	70
Section Marks:	70
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	128206635
Question Shuffling Allowed :	Yes

Question Number : 31 Question Id : 12820613563 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Organisms that can grow at high salt concentration are called

- (a) Mesophilic
- (b) Thermophilic
- (c) Psychophilic
- (d) Halophilic

Options :

12820653515. A

12820653516. B

12820653517. C

12820653518. D

Question Number : 32 Question Id : 12820613564 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Satellitism is observed in cultures of

- (a) *Haemophilus*
- (b) *Moraxella*
- (c) *Proteus*
- (d) *Cryptococcus*

Options :

12820653519. A

12820653520. B

12820653521. C

12820653522. D

Question Number : 33 Question Id : 12820613565 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The size of viruses is measured in

- (a) mm
- (b) μm
- (c) nm
- (d) cm

Options :

12820653523. A

12820653524. B

12820653525. C

12820653526. D

Question Number : 34 Question Id : 12820613566 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The process of sterilization commonly used for animal cell culture media is

- (a) Dry heat sterilization
- (b) Filtration
- (c) Moist heat sterilization
- (d) Autoclaving

Options :

12820653527. A

12820653528. B

12820653529. C

12820653530. D

Question Number : 35 Question Id : 12820613567 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

CAMP test is used for identification of

- (a) *Streptococcus pyogenes*
- (b) *Staphylococcus aureus*
- (c) *Streptococcus agalactiae*
- (d) *Streptococcus dysgalactiae*

Options :

12820653531. A

12820653532. B

12820653533. C

12820653534. D

Question Number : 36 Question Id : 12820613568 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Myeloma cells and B cells are fused *in-vitro* to derive

- (a) Sarcoma
- (b) Carcinoma
- (c) Lymphosarcoma
- (d) Hybridoma

Options :

12820653535. A

12820653536. B

12820653537. C

12820653538. D

Question Number : 37 Question Id : 12820613569 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Positive tuberculin skin test is an example of

- (a) Type I hypersensitivity
- (b) Type II hypersensitivity
- (c) Type III hypersensitivity
- (d) Type IV hypersensitivity

Options :

12820653539. A

12820653540. B

12820653541. C

12820653542. D

Question Number : 38 Question Id : 12820613570 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Complement binding part of an antibody molecule is

- (a) Fc region
- (b) Fab region
- (c) Hinge region
- (d) Hypervariable region

Options :

12820653543. A

12820653544. B

12820653545. C

12820653546. D

Question Number : 39 Question Id : 12820613571 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Substances that are antigenic only when they are coupled to a carrier protein molecule are called

- (a) Adjuvants
- (b) Antigens
- (c) Haptens
- (d) Particulate antigens

Options :

12820653547. A

12820653548. B

12820653549. C

12820653550. D

Question Number : 40 Question Id : 12820613572 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Soluble antigens are involved in

- (a) Agglutination reaction
- (b) Precipitation reaction
- (c) Complement fixation
- (d) Neutralization reaction

Options :

12820653551. A

12820653552. B

12820653553. C

12820653554. D

Question Number : 41 Question Id : 12820613573 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Japanese Encephalitis virus belongs to the family

- (a) *Herpesviridae*
- (b) *Flaviviridae*
- (c) *Togaviridae*
- (d) *Pestiviridae*

Options :

12820653555. A

12820653556. B

12820653557. C

12820653558. D

Question Number : 42 Question Id : 12820613574 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The smallest pathogenic DNA virus is

- (a) Adenovirus
- (b) Circovirus
- (c) Picornavirus
- (d) Parvovirus

Options :

12820653559. A

12820653560. B

12820653561. C

12820653562. D

Question Number : 43 Question Id : 12820613575 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following tests can be used to estimate protein concentration in a given solution?

- (a) Biuret Test
- (b) Anthrone's Test
- (c) Molish's Test
- (d) Robert's test

Options :

- 12820653563. A
- 12820653564. B
- 12820653565. C
- 12820653566. D

Question Number : 44 Question Id : 12820613576 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The DNA absorbs UV light at the maximum level when the UV light has the wavelength of

- (a) 230 nm
- (b) 260 nm
- (c) 280 nm
- (d) 270 nm

Options :

- 12820653567. A
- 12820653568. B
- 12820653569. C
- 12820653570. D

Question Number : 45 Question Id : 12820613577 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The simple sequence of amino acids in a protein is called _____ structure of protein.

- (a) Primary
- (b) Secondary
- (c) Tertiary
- (d) Quaternary

Options :

- 12820653571. A
- 12820653572. B
- 12820653573. C
- 12820653574. D

Question Number : 46 Question Id : 12820613578 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following flow charts depicts the central dogma in molecular biology?

- (a) Protein → RNA → DNA
- (b) DNA → Protein → RNA
- (c) RNA → DNA → Protein
- (d) DNA → RNA → Protein

Options :

- 12820653575. A
- 12820653576. B
- 12820653577. C
- 12820653578. D

Question Number : 47 Question Id : 12820613579 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The DNA replication is catalysed by

- (a) RNA dependent DNA polymerase
- (b) DNA dependent DNA polymerase
- (c) RNA dependent RNA polymerase
- (d) DNA dependent RNA polymerase

Options :

- 12820653579. A
- 12820653580. B
- 12820653581. C
- 12820653582. D

Question Number : 48 Question Id : 12820613580 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

According to the model of DNA proposed by Watson and Crick, the length of single turn of double helix DNA is

- (a) 3.4 Armstrong
- (b) 34 Armstrong
- (c) 34 nanometer
- (d) 20 Armstrong

Options :

- 12820653583. A
- 12820653584. B
- 12820653585. C
- 12820653586. D

Question Number : 49 Question Id : 12820613581 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The DNA is packaged in nucleus of eukaryotic cell by a protein called

- (a) Albumin
- (b) Globulin
- (c) Histone
- (d) Histamine

Options :

- 12820653587. A
- 12820653588. B
- 12820653589. C
- 12820653590. D

Question Number : 50 Question Id : 12820613582 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The enzyme that cuts the DNA in specific sites of DNA is called

- (a) DNA polymerase
- (b) DNA helicase
- (c) Restriction endonuclease
- (d) RNA primase

Options :

- 12820653591. A
- 12820653592. B
- 12820653593. C
- 12820653594. D

Question Number : 51 Question Id : 12820613583 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following pathways is NOT a catabolic pathway?

- (a) Glycolysis
- (b) Beta oxidation of fatty acids
- (c) Gluconeogenesis
- (d) Glycogenolysis

Options :

- 12820653595. A
- 12820653596. B
- 12820653597. C
- 12820653598. D

Question Number : 52 Question Id : 12820613584 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Avikalin sheep evolved by crossing

- (a) Rambouillet × Chokla
- (b) Merino × Nali
- (c) Malpura × Rambouillet
- (d) Nali × Rambouillet

Options :

- 12820653599. A
- 12820653600. B
- 12820653601. C
- 12820653602. D

Question Number : 53 Question Id : 12820613585 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Coefficient of relationship between full sibling is

- (a) 100%
- (b) 75%
- (c) 25%
- (d) 50%

Options :

- 12820653603. A
- 12820653604. B
- 12820653605. C
- 12820653606. D

Question Number : 54 Question Id : 12820613586 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Random mating is also known as

- (a) Panmixia
- (b) Consanguineous mating
- (c) Disassortative mating
- (d) Assortative mating

Options :

- 12820653607. A
- 12820653608. B
- 12820653609. C
- 12820653610. D

Question Number : 55 Question Id : 12820613587 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

One of the following is used to test the significance of difference between two small sample means

- (a) F- test
- (b) Z- test
- (c) t- test
- (d) Chi-square test

Options :

12820653611. A

12820653612. B

12820653613. C

12820653614. D

Question Number : 56 Question Id : 12820613588 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Jacobson's organ is related to

- (a) Vision
- (b) Touch
- (c) Pain
- (d) Olfaction

Options :

12820653615. A

12820653616. B

12820653617. C

12820653618. D

Question Number : 57 Question Id : 12820613589 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is a steroid hormone?

- (a) Insulin
- (b) T₃
- (c) Oxytocin
- (d) Progesterone

Options :

12820653619. A

12820653620. B

12820653621. C

12820653622. D

Question Number : 58 Question Id : 12820613590 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which cardiac event is represented by *T* wave in the electrocardiogram?

- (a) Ventricular depolarization
- (b) Ventricular repolarization
- (c) Atrial depolarization
- (d) Atrial repolarization

Options :

12820653623. A

12820653624. B

12820653625. C

12820653626. D

Question Number : 59 Question Id : 12820613591 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

According to anatomical structure, the type of placenta in the cow is

- (a) Zonary
- (b) Discoidal
- (c) Cotyledonary
- (d) Diffuse

Options :

12820653627. A

12820653628. B

12820653629. C

12820653630. D

Question Number : 60 Question Id : 12820613592 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Parturient paresis in cattle is seen most often after parturition within

- (a) 10-12 hours
- (b) 20-24 hours
- (c) 96-100 hours
- (d) 48-72 hours

Options :

12820653631. A

12820653632. B

12820653633. C

12820653634. D

Question Number : 61 Question Id : 12820613593 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

‘Sterility hump’ is associated with

- (a) Pseudohermaphrodite
- (b) Endometritis
- (c) Cystic ovary
- (d) Freemartinism

Options :

12820653635. A

12820653636. B

12820653637. C

12820653638. D

Question Number : 62 Question Id : 12820613594 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Superfecundation is most likely to occur in

- (a) Cow
- (b) Goat
- (c) Mare
- (d) Bitch

Options :

12820653639. A

12820653640. B

12820653641. C

12820653642. D

Question Number : 63 Question Id : 12820613595 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The term ‘Ring-womb’ is commonly linked with

- (a) Cow
- (b) Mare
- (c) Ewe
- (d) Bitch

Options :

12820653643. A

12820653644. B

12820653645. C

12820653646. D

Question Number : 64 Question Id : 12820613596 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The average gestation period of swine is

- (a) 94 days
- (b) 114 days
- (c) 154 days
- (d) 274 days

Options :

12820653647. A

12820653648. B

12820653649. C

12820653650. D

Question Number : 65 Question Id : 12820613597 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The chromosome number of goat is

- (a) 60
- (b) 20
- (c) 70
- (d) 40

Options :

12820653651. A

12820653652. B

12820653653. C

12820653654. D

Question Number : 66 Question Id : 12820613598 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Diamond-shaped skin lesions in pig are pathognomonic for

- (a) Classical Swine fever
- (b) African swine fever
- (c) Swine Influenza
- (d) Swine erysipelas

Options :

12820653655. A

12820653656. B

12820653657. C

12820653658. D

Question Number : 67 Question Id : 12820613599 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which one of the following is a goat breed?

- (a) Nili-Ravi
- (b) Luit
- (c) Sahiwal
- (d) Barbari

Options :

12820653659. A

12820653660. B

12820653661. C

12820653662. D

**Question Number : 68 Question Id : 12820613600 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Act of giving birth in pig is known as

- (a) Foaling
- (b) Farrowing
- (c) Kidding
- (d) Lambing

Options :

12820653663. A

12820653664. B

12820653665. C

12820653666. D

**Question Number : 69 Question Id : 12820613601 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Gelding is a

- (a) castrated male horse
- (b) castrated male dog
- (c) castrated male pig
- (d) castrated male chicken

Options :

12820653667. A

12820653668. B

12820653669. C

12820653670. D

**Question Number : 70 Question Id : 12820613602 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Operation flood was launched in the year

- (a) 1947
- (b) 1950
- (c) 1960
- (d) 1970

Options :

- 12820653671. A
- 12820653672. B
- 12820653673. C
- 12820653674. D

Question Number : 71 Question Id : 12820613603 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Venison is meat of

- (a) Sheep
- (b) Goat
- (c) Deer
- (d) Camel

Options :

- 12820653675. A
- 12820653676. B
- 12820653677. C
- 12820653678. D

Question Number : 72 Question Id : 12820613604 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Measly Pork is related to

- (a) *Taenia solium*
- (b) *Taenia saginata*
- (c) *Toxoplasma gondi*
- (d) *Trichinella spiralis*

Options :

- 12820653679. A
- 12820653680. B
- 12820653681. C
- 12820653682. D

Question Number : 73 Question Id : 12820613605 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

ICAR-National Research Centre on pig is situated in

- (a) Mizoram
- (b) Assam
- (c) Nagaland
- (d) Arunachal Pradesh

Options :

- 12820653683. A
- 12820653684. B
- 12820653685. C
- 12820653686. D

Question Number : 74 Question Id : 12820613606 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The length of estrous cycle in cattle

- (a) 14 days
- (b) 21 days
- (c) 28 days
- (d) 35 days

Options :

- 12820653687. A
- 12820653688. B
- 12820653689. C
- 12820653690. D

Question Number : 75 Question Id : 12820613607 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The fat content of ice-cream should not be less than

- (a) 50%
- (b) 10%
- (c) 20%
- (d) 30%

Options :

- 12820653691. A
- 12820653692. B
- 12820653693. C
- 12820653694. D

Question Number : 76 Question Id : 12820613608 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Causative agent of Q-fever is

- (a) *Coxiella burnetti*
- (b) *Rickettsia rickettsii*
- (c) *Rickettsia typhi*
- (d) *Rickettsia felis*

Options :

- 12820653695. A
- 12820653696. B
- 12820653697. C
- 12820653698. D

Question Number : 77 Question Id : 12820613609 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which one of the following is a bacterial disease?

- (a) Giardiasis
- (b) Ringworm
- (c) Rabies
- (d) Leptospirosis

Options :

- 12820653699. A
- 12820653700. B
- 12820653701. C
- 12820653702. D

Question Number : 78 Question Id : 12820613610 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is NOT zoonotic in nature?

- (a) Brucellosis
- (b) Rabies
- (c) Japanese encephalitis
- (d) Mastitis

Options :

- 12820653703. A
- 12820653704. B
- 12820653705. C
- 12820653706. D

Question Number : 79 Question Id : 12820613611 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Coggins test detects

- (a) Equine Herpes virus
- (b) Equine Infectious Anaemia
- (c) Equine encephalomyelitis
- (d) Tetanus

Options :

- 12820653707. A
- 12820653708. B
- 12820653709. C
- 12820653710. D

**Question Number : 80 Question Id : 12820613612 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Which of the following method is used for identification of farm animals?

- (a) Tail Docking
- (b) Castration
- (c) Ear Notching
- (d) Dehorning

Options :

- 12820653711. A
- 12820653712. B
- 12820653713. C
- 12820653714. D

**Question Number : 81 Question Id : 12820613613 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Incubation period of duck egg is

- (a) 21 days
- (b) 28 days
- (c) 14 days
- (d) 17 days

Options :

- 12820653715. A
- 12820653716. B
- 12820653717. C
- 12820653718. D

**Question Number : 82 Question Id : 12820613614 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Lyme disease is transmitted by

- (a) Tick
- (b) Mite
- (c) Flea
- (d) Fly

Options :

- 12820653719. A
- 12820653720. B
- 12820653721. C
- 12820653722. D

Question Number : 83 Question Id : 12820613615 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Intermediate host of *Dirofilaria immitis*

- (a) Tick
- (b) Mite
- (c) Mosquito
- (d) Fly

Options :

- 12820653723. A
- 12820653724. B
- 12820653725. C
- 12820653726. D

Question Number : 84 Question Id : 12820613616 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Loss of hair is termed as

- (a) Anorexia
- (b) Atrophy
- (c) Alopecia
- (d) Anaplasmosis

Options :

- 12820653727. A
- 12820653728. B
- 12820653729. C
- 12820653730. D

Question Number : 85 Question Id : 12820613617 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Headquarters of World Health Organization for Animal Health is located in

- (a) Rome
- (b) Paris
- (c) Geneva
- (d) New York

Options :

- 12820653731. A
- 12820653732. B
- 12820653733. C
- 12820653734. D

Question Number : 86 Question Id : 12820613618 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

_____ is the father of nutrition.

- (a) Antony Van Leeuwenhoek
- (b) Antoine Lavoisier
- (c) Antony Varghese
- (d) Edward Jenner

Options :

- 12820653735. A
- 12820653736. B
- 12820653737. C
- 12820653738. D

Question Number : 87 Question Id : 12820613619 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Pellagra is caused by the deficiency of

- (a) Vitamin B₁
- (b) Vitamin B₂
- (c) Vitamin B₃
- (d) Vitamin K

Options :

- 12820653739. A
- 12820653740. B
- 12820653741. C
- 12820653742. D

Question Number : 88 Question Id : 12820613620 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Uperization is a process of

- (a) Homogenization
- (b) Sterilization
- (c) Clarification
- (d) Pasteurization

Options :

12820653743. A

12820653744. B

12820653745. C

12820653746. D

**Question Number : 89 Question Id : 12820613621 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

In TCA cycle, fumarate is converted to malate by the enzyme

- (a) Malate dehydrogenase
- (b) Malase
- (c) Fumarase
- (d) Aconitase

Options :

12820653747. A

12820653748. B

12820653749. C

12820653750. D

**Question Number : 90 Question Id : 12820613622 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

The end products of purine and pyrimidine degradation

- (a) Uric acid & Urea
- (b) Carbohydrates
- (c) Lipids
- (d) Amino acids

Options :

12820653751. A

12820653752. B

12820653753. C

12820653754. D

**Question Number : 91 Question Id : 12820613623 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

In PCR, denaturation of DNA is done at

- (a) 72°C
- (b) 54°C
- (c) 94°C
- (d) 64°C

Options :

- 12820653755. A
- 12820653756. B
- 12820653757. C
- 12820653758. D

Question Number : 92 Question Id : 12820613624 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Tetracycline inhibits

- (a) Replication
- (b) Transcription
- (c) Cell wall synthesis
- (d) Protein synthesis

Options :

- 12820653759. A
- 12820653760. B
- 12820653761. C
- 12820653762. D

Question Number : 93 Question Id : 12820613625 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is NOT an anti-coagulant

- (a) Heparin
- (b) EDTA
- (c) Fluoride oxalate
- (d) Calcium chloride

Options :

- 12820653763. A
- 12820653764. B
- 12820653765. C
- 12820653766. D

Question Number : 94 Question Id : 12820613626 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Diseases which are constantly present in a particular geographical location are known as

- (a) Epidemic
- (b) Sporadic
- (c) Endemic
- (d) Pandemic

Options :

12820653767. A

12820653768. B

12820653769. C

12820653770. D

**Question Number : 95 Question Id : 12820613627 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Protein percentage of goat milk is

- (a) 3.5
- (b) 2.5
- (c) 4.5
- (d) 5.5

Options :

12820653771. A

12820653772. B

12820653773. C

12820653774. D

**Question Number : 96 Question Id : 12820613628 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Lactose content in human milk is

- (a) 6.8%
- (b) 8.6%
- (c) 4.9%
- (d) 9.4%

Options :

12820653775. A

12820653776. B

12820653777. C

12820653778. D

**Question Number : 97 Question Id : 12820613629 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Deficiency of _____ causes kwashiorkor

- (a) Lipid
- (b) Carbohydrate
- (c) Protein
- (d) Nucleotide

Options :

12820653779. A

12820653780. B

12820653781. C

12820653782. D

Question Number : 98 Question Id : 12820613630 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Anti-nutritional factor present in Subabul (*Leucaena leucocephala*) is

- (a) Oxalate
- (b) Mimosine
- (c) Gossypol
- (d) Tannin

Options :

12820653783. A

12820653784. B

12820653785. C

12820653786. D

Question Number : 99 Question Id : 12820613631 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Gross energy is measured by

- (a) Soxhlet apparatus
- (b) Muffle furnace
- (c) Bomb calorimeter
- (d) Spectrometer

Options :

12820653787. A

12820653788. B

12820653789. C

12820653790. D

Question Number : 100 Question Id : 12820613632 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

One kilo calorie is equal to _____ kilo Joules

- (a) 3.141
- (b) 2.485
- (c) 4.184
- (d) 6.253

Options :

- 12820653791. A
- 12820653792. B
- 12820653793. C
- 12820653794. D

Question Number : 101 Question Id : 12820613633 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Antidote for copper poisoning is

- (a) Pantoprazole
- (b) Penicillin
- (c) Penicillamine
- (d) Protamine

Options :

- 12820653795. A
- 12820653796. B
- 12820653797. C
- 12820653798. D

Question Number : 102 Question Id : 12820613634 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Posology is the study of

- (a) weight & measurement of drug
- (b) dosage of drug
- (c) side-effects of drug
- (d) diagnosis of disease

Options :

- 12820653799. A
- 12820653800. B
- 12820653801. C
- 12820653802. D

Question Number : 103 Question Id : 12820613635 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Gray baby syndrome is due to toxicity of

- (a) Cephalosporin
- (b) Sulphonamides
- (c) Chloramphenicol
- (d) Chlortetracycline

Options :

12820653803. A

12820653804. B

12820653805. C

12820653806. D

Question Number : 104 Question Id : 12820613636 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Barber's pole worm is

- (a) *Haemonchus contortus*
- (b) *Ostertagia ostertagi*
- (c) *Eimeria bovis*
- (d) *Taenia saginata*

Options :

12820653807. A

12820653808. B

12820653809. C

12820653810. D

Question Number : 105 Question Id : 12820613637 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Castor seed contains phytotoxin

- (a) abrin
- (b) nerin
- (c) ricin
- (d) nicotine

Options :

12820653811. A

12820653812. B

12820653813. C

12820653814. D

Question Number : 106 Question Id : 12820613638 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

World Zoonoses Day is observed on

- (a) July 6
- (b) June 6
- (c) May 6
- (d) August 6

Options :

- 12820653815. A
- 12820653816. B
- 12820653817. C
- 12820653818. D

Question Number : 107 Question Id : 12820613639 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

_____ are resistance to FMD

- (a) Cattle
- (b) Buffaloes
- (c) Sheep
- (d) Horses

Options :

- 12820653819. A
- 12820653820. B
- 12820653821. C
- 12820653822. D

Question Number : 108 Question Id : 12820613640 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Instrument used to measure speed of wind

- (a) Anemometer
- (b) Barometer
- (c) Manometer
- (d) Psychrometer

Options :

- 12820653823. A
- 12820653824. B
- 12820653825. C
- 12820653826. D

Question Number : 109 Question Id : 12820613641 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Inflammation of crop (bird) is known as

- (a) Proctitis
- (b) Lampas
- (c) Cropitis
- (d) Ingluvitis

Options :

- 12820653827. A
- 12820653828. B
- 12820653829. C
- 12820653830. D

Question Number : 110 Question Id : 12820613642 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In India, the first buffalo clone was produced at

- (a) IARI, New Delhi
- (b) IVRI, Bareilly
- (c) NDRI, Karnal
- (d) CIRB, Hisar

Options :

- 12820653831. A
- 12820653832. B
- 12820653833. C
- 12820653834. D

Question Number : 111 Question Id : 12820613643 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The average dry matter requirement of cow is _____ kg/100kg body weight

- (a) 2-3
- (b) 5-6
- (c) 8-9
- (d) 10-12

Options :

- 12820653835. A
- 12820653836. B
- 12820653837. C
- 12820653838. D

Question Number : 112 Question Id : 12820613644 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Minimum percentage of crude protein in layer feed as per B.I.S. should be

- (a) 20
- (b) 23
- (c) 18
- (d) 16

Options :

- 12820653839. A
- 12820653840. B
- 12820653841. C
- 12820653842. D

Question Number : 113 Question Id : 12820613645 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Monensin is

- (a) Enzyme
- (b) Antibiotic
- (c) Probiotic
- (d) Prebiotic

Options :

- 12820653843. A
- 12820653844. B
- 12820653845. C
- 12820653846. D

Question Number : 114 Question Id : 12820613646 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

mRNA of eukaryotes is transcribed by

- (a) RNA polymerase I
- (b) RNA polymerase II
- (c) RNA polymerase III
- (d) DNA Polymerase I

Options :

- 12820653847. A
- 12820653848. B
- 12820653849. C
- 12820653850. D

Question Number : 115 Question Id : 12820613647 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The sorting signal that directs a protein to lysosomes is

- (a) Fructose-6-Phosphate
- (b) Mannose-1-Phosphate
- (c) Mannose-6-Phosphate
- (d) Signal Peptide

Options :

- 12820653851. A
- 12820653852. B
- 12820653853. C
- 12820653854. D

Question Number : 116 Question Id : 12820613648 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The pH inside lysosomes is

- (a) 1
- (b) 5
- (c) 7
- (d) 9

Options :

- 12820653855. A
- 12820653856. B
- 12820653857. C
- 12820653858. D

Question Number : 117 Question Id : 12820613649 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Crossing over takes place during

- (a) Zygotene
- (b) Pachytene
- (c) Diplotene
- (d) Leptotene

Options :

- 12820653859. A
- 12820653860. B
- 12820653861. C
- 12820653862. D

Question Number : 118 Question Id : 12820613650 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The correct constitution of a prokaryotic ribosome is

- (a) 70S overall with a 50S and a 20S subunit.
- (b) 70S overall with a 50S and a 30S subunit.
- (c) 80S overall with a 60S and a 20S subunit.
- (d) 80S overall with a 60S and a 40S subunit.

Options :

- 12820653863. A
- 12820653864. B
- 12820653865. C
- 12820653866. D

Question Number : 119 Question Id : 12820613651 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is the primary enzyme involved in DNA replication of prokaryotes?

- (a) DNA polymerase I
- (b) DNA polymerase II
- (c) DNA polymerase III
- (d) DNA polymerase IV

Options :

- 12820653867. A
- 12820653868. B
- 12820653869. C
- 12820653870. D

Question Number : 120 Question Id : 12820613652 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If the molar amount of G in a DNA sample is 20%, what is the molar amount of T in the sample?

- (a) 20%
- (b) 30%
- (c) 80%
- (d) 60%

Options :

- 12820653871. A
- 12820653872. B
- 12820653873. C
- 12820653874. D

Question Number : 121 Question Id : 12820613653 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

DNA replication occurs in _____ phase of cell cycle.

- (a) G1
- (b) S
- (c) G2
- (d) M

Options :

- 12820653875. A
- 12820653876. B
- 12820653877. C
- 12820653878. D

**Question Number : 122 Question Id : 12820613654 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Genome of Nipha virus is?

- (a) ssRNA
- (b) dsRNA
- (c) dsDNA
- (d) ssDNA

Options :

- 12820653879. A
- 12820653880. B
- 12820653881. C
- 12820653882. D

**Question Number : 123 Question Id : 12820613655 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

In the year _____ Kary Mullis won Nobel Prize in Chemistry.

- (a) 1983
- (b) 1993
- (c) 1973
- (d) 1953

Options :

- 12820653883. A
- 12820653884. B
- 12820653885. C
- 12820653886. D

**Question Number : 124 Question Id : 12820613656 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

CD8 binds to

- (a) MHC class III molecule
- (b) MHC class II molecule
- (c) MHC class I molecule
- (d) CD4

Options :

12820653887. A

12820653888. B

12820653889. C

12820653890. D

**Question Number : 125 Question Id : 12820613657 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

The term gene was introduced by

- (a) Kary Mullis
- (b) Gregor Mendel
- (c) James Watson
- (d) Wilhelm Johannsen

Options :

12820653891. A

12820653892. B

12820653893. C

12820653894. D

**Question Number : 126 Question Id : 12820613658 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Cloned sheep Dolly was produced by a technique called

- (a) Embryo Splitting
- (b) Somatic cell nuclear transfer
- (c) Hand-guided cloning
- (d) PCR

Options :

12820653895. A

12820653896. B

12820653897. C

12820653898. D

**Question Number : 127 Question Id : 12820613659 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

_____ is a dimeric immunoglobulin.

- (a) IgA
- (b) IgG
- (c) IgM
- (d) IgD

Options :

- 12820653899. A
- 12820653900. B
- 12820653901. C
- 12820653902. D

**Question Number : 128 Question Id : 12820613660 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Stem cells

- i) can differentiate into specialized cell type
- ii) cannot differentiate into specialized cell type
- iii) can undergo numerous cell divisions
- iv) cannot undergo numerous cell divisions

- (a) Only ii) is correct
- (b) Only iv) is correct
- (c) Both i) & iii) are correct
- (d) Both ii) & iv) are correct

Options :

- 12820653903. A
- 12820653904. B
- 12820653905. C
- 12820653906. D

**Question Number : 129 Question Id : 12820613661 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 1 Wrong Marks : 0

Embryos are suitable to transfer in _____ stage.

- (a) Morula
- (b) Zygote
- (c) Blastocyst
- (d) 2-cell

Options :

- 12820653907. A
- 12820653908. B
- 12820653909. C
- 12820653910. D

Correct Marks : 1 Wrong Marks : 0

Temperature of Liquid nitrogen is

- (a) -80°C
- (b) -96°C
- (c) -180°C
- (d) -196°C

Options :

12820653911. A

12820653912. B

12820653913. C

12820653914. D