

National Testing Agency

Question Paper Name :	Animal Nutrition 17th September Shift 2
Subject Name :	Animal Nutrition
Creation Date :	2021-09-17 18:54:26
Duration :	120
Total Marks :	480
Display Marks:	Yes

Animal Nutrition

Group Number :	1
Group Id :	19088992
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	480
Is this Group for Examiner? :	No

Part A: General Knowledge

Section Id :	190889200
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	80
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889240
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 19088910342 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 4 Wrong Marks : 1

Which of the following is the device used to measure the power and speed of the wind?

- 1. Avometer
- 2. Anemometer
- 3. Airometer
- 4. Aviontimeter

Options :

- 19088941261. 1
- 19088941262. 2
- 19088941263. 3
- 19088941264. 4

Question Number : 2 Question Id : 19088910343 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 4 Wrong Marks : 1

Optical fibre used the concept of which of the following?

- 1. Reflection
- 2. Refraction
- 3. Total internal reflection
- 4. Total internal refraction

Options :

19088941265. 1

19088941266. 2

19088941267. 3

19088941268. 4

Question Number : 3 Question Id : 19088910344 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Yellow vein mosaic is the viral disease of which of the following plants?

1. Ladyfinger
2. Papaya
3. Sugarcane
4. Banana

Options :

19088941269. 1

19088941270. 2

19088941271. 3

19088941272. 4

Question Number : 4 Question Id : 19088910345 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following organ(s) is affected by Mumps disease?

1. Entire body
2. Skin
3. Eye
4. Parotid

Options :

19088941273. 1

19088941274. 2

19088941275. 3

19088941276. 4

Question Number : 5 Question Id : 19088910346 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the chemical name of vitamin B₂?

1. Riboflavin
2. Calciferol
3. Pyridoxin
4. Niacin

Options :

19088941277. 1

19088941278. 2

19088941279. 3

19088941280. 4

Question Number : 6 Question Id : 19088910347 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is not the input unit of the computer?

1. Mouse
2. Keyboard
3. Screen
4. Scanner

Options :

19088941281. 1

19088941282. 2

19088941283. 3

19088941284. 4

Question Number : 7 Question Id : 19088910348 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The digital computer operates on which of the following principle?

1. Measurement
2. Calculation
3. Logical
4. Electrification

Options :

19088941285. 1

19088941286. 2

19088941287. 3

19088941288. 4

Question Number : 8 Question Id : 19088910349 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The non-cooperation movement of Gandhiji was launched in which of the following year?

1. 1915
2. 1922
3. 1920
4. 1930

Options :

19088941289. 1

19088941290. 2

19088941291. 3

19088941292. 4

Question Number : 9 Question Id : 19088910350 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

An Islamic revivalist movement named Wahabi movement was founded by which of the following person?

1. Sian Saheb
2. Syed Ahmed
3. Haji Shariat-Allah
4. DaduMian

Options :

19088941293. 1

19088941294. 2

19088941295. 3

19088941296. 4

Question Number : 10 Question Id : 19088910351 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is considered as the “Magna Carta of England Education in India”?

1. Hunter education commission
2. Lord Macaulay’s Minute
3. Wood’s Despatch
4. Thomas Babington Macaulay

Options :

19088941297. 1

19088941298. 2

19088941299. 3

19088941300. 4

Question Number : 11 Question Id : 19088910352 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following nutrient does not come under the ambit of 'macro-nutrients in Soil Health Card?

1. Nitrogen
2. Zinc
3. Phosphorous
4. Potassium

Options :

19088941301. 1

19088941302. 2

19088941303. 3

19088941304. 4

Question Number : 12 Question Id : 19088910353 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Cole crops, root crops and legumes come under the ambit of which of the following?

1. Olericulture
2. Pomology
3. Viticulture
4. Arboriculture

Options :

19088941305. 1

19088941306. 2

19088941307. 3

19088941308. 4

Question Number : 13 Question Id : 19088910354 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The study of individual trees, shrubs, vines, and perennial woody plants is known as which of the following?

1. Turf management
2. Arboriculture
3. Pomology
4. Viticulture

Options :

19088941309. 1

19088941310. 2

19088941311. 3

19088941312. 4

Question Number : 14 Question Id : 19088910355 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The ministry is implementing MIDH (Mission for Integrated Development of Horticulture) with effect from which of the following year?

1. 2012-13
2. 2019-20
3. 2015-16
4. 2014-15

Options :

19088941313. 1

19088941314. 2

19088941315. 3

19088941316. 4

Question Number : 15 Question Id : 19088910356 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The interaction of soils with living things, particularly plants are well known as which of the following?

1. Edaphology
2. Pedology
3. Soil zoology
4. Pedogenesis

Options :

19088941317. 1

19088941318. 2

19088941319. 3

19088941320. 4

Question Number : 16 Question Id : 19088910357 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following systems has also incorporated social aspects in itself?

1. Landscaping
2. Permaculture
3. Horticulture
4. Forest gardening

Options :

19088941321. 1

19088941322. 2

19088941323. 3

19088941324. 4

Question Number : 17 Question Id : 19088910358 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What do you term the phenomenon whereby the specific gene is added to the plant for producing a desirable phenotype?

1. Genetic manipulation
2. Genetic recombination
3. Genetic modification
4. Genetic hybridisation

Options :

19088941325. 1

19088941326. 2

19088941327. 3

19088941328. 4

**Question Number : 18 Question Id : 19088910359 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

What is the focus of the participatory plant breeding program?

1. Scientists
2. Plants
3. Environment
4. Farmers

Options :

19088941329. 1

19088941330. 2

19088941331. 3

19088941332. 4

**Question Number : 19 Question Id : 19088910360 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

How do you term the form of agriculture, in which, industrialized production of crops and animal products takes place?

1. Manufactured agriculture
2. Modern agriculture
3. Industrial agriculture
4. Mechanistic agriculture

Options :

19088941333. 1

19088941334. 2

19088941335. 3

19088941336. 4

**Question Number : 20 Question Id : 19088910361 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Micro-irrigation fund of Rs. 5,000 crore has been placed with which of the following organization?

1. NABARD
2. IDBI
3. SBI
4. RRBs

Options :

19088941337. 1

19088941338. 2

19088941339. 3

19088941340. 4

Part B Core : Veterinary and Animal Sciences-I

Section Id : 190889201

Section Number : 2

Section type : Online

Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889241
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 19088910362 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The greenish black discoloration in hard cooked eggs is due to formation of

- | | |
|---------------------------------|---------------------------------|
| (1) S-conalbumin | (2) FeS formation |
| (3) Break down of Avidin-biotin | (4) Breakdown of Crypto xanthin |

Options :

19088941341. 1

19088941342. 2

19088941343. 3

19088941344. 4

Question Number : 22 Question Id : 19088910363 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Meat is deficient in

- | | |
|-------------|-----------------------|
| (1) Iron | (2) Zinc |
| (3) Calcium | (4) Vitamin B-complex |

Options :

19088941345. 1

19088941346. 2

19088941347. 3

19088941348. 4

Question Number : 23 Question Id : 19088910364 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Another name for disease of soiled hands is

- | | |
|------------------|------------------------|
| (1) Measly beef | (2) Measly pork |
| (3) Hydatid Cyst | (4) Diphylo bothriasis |

Options :

19088941349. 1

19088941350. 2

19088941351. 3

19088941352. 4

Question Number : 24 Question Id : 19088910365 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

After picking and pinning of poultry carcasses are singed to remove

- | | |
|-------------------|-----------------|
| (1) Tail feathers | (2) Pilofluemes |
| (3) Epidermis | (4) Head |

Options :

19088941353. 1

19088941354. 2

19088941355. 3

19088941356. 4

Question Number : 25 Question Id : 19088910366 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Ricotta Cheese is prepared from

- | | |
|-------------------|-----------------|
| (1) Cow – Milk | (2) Goat – Milk |
| (3) Cheese – Whey | (4) Mare Milk |

Options :

19088941357. 1

19088941358. 2

19088941359. 3

19088941360. 4

Question Number : 26 Question Id : 19088910367 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which one of the following is NOT a subjective method of quality assessment of food?

- | | |
|------------------------------|--------------------|
| (1) Paired Difference Test | (2) Threshold Test |
| (3) Texture profile analysis | (4) Triangle Test |

Options :

19088941361. 1

19088941362. 2

19088941363. 3

19088941364. 4

Question Number : 27 Question Id : 19088910368 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The foaming capacity is highest amongst egg protein.

- | | |
|---------------|------------------|
| (1) Ovomucin | (2) Ovoglobulins |
| (3) Ovalbumin | (4) Ovomuroid |

Options :

19088941365. 1

19088941366. 2

19088941367. 3

19088941368. 4

**Question Number : 28 Question Id : 19088910369 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Which of the following is an common method of preservation of Shell eggs?

- | | |
|-----------------|-------------------------|
| (1) Irradiation | (2) Thermostabilization |
| (3) Freezing | (4) Canning |

Options :

19088941369. 1

19088941370. 2

19088941371. 3

19088941372. 4

**Question Number : 29 Question Id : 19088910370 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

- | List I | List II |
|--------------------|---------------------|
| (A) Staphylococcus | (I) Diacetyl |
| (B) Pseudomonas | (II) Gram positive |
| (C) Leuconostoc | (III) Gram negative |
| (D) Flavobacterium | (IV) Discolouration |

Choose the correct answer from the options given below :

- (1) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
- (2) (A)-(III), (B)-(II), (C)-(IV), (D)-(I)
- (3) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
- (4) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)

Options :

19088941373. 1

19088941374. 2

19088941375. 3

19088941376. 4

Question Number : 30 Question Id : 19088910371 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Amber box mentioned in WTO agreement deals with

- (1) Subsidies on agriculture
- (2) Domestic Support System
- (3) Production Limit Measures
- (4) Geographical indicators of agriculture produce

Options :

19088941377. 1

19088941378. 2

19088941379. 3

19088941380. 4

Question Number : 31 Question Id : 19088910372 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Leading state in poultry production which is considered to be the poultry capital of the country

- | | |
|----------------|-------------------|
| (1) Maharastra | (2) Tamil Nadu |
| (3) Haryana | (4) Andra Pradesh |

Options :

19088941381. 1

19088941382. 2

19088941383. 3

19088941384. 4

**Question Number : 32 Question Id : 19088910373 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Kadaknath is the breed of poultry from

(1) MP

(2) UP

(3) AP

(4) Gujarat

Options :

19088941385. 1

19088941386. 2

19088941387. 3

19088941388. 4

**Question Number : 33 Question Id : 19088910374 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

The storage temperature of egg is

(1) 55 °F

(2) 65 °F

(3) 75 °F

(4) 85 °F

Options :

19088941389. 1

19088941390. 2

19088941391. 3

19088941392. 4

**Question Number : 34 Question Id : 19088910375 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Castrated male of sheep is known as

- | | |
|-----------|-------------------|
| (1) Stag | (2) Wedder/Wether |
| (3) Capon | (4) Bullock |

Options :

19088941393. 1

19088941394. 2

19088941395. 3

19088941396. 4

Question Number : 35 Question Id : 19088910376 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The meat of goat is known as

- | | |
|------------|------------|
| (1) Beef | (2) Pork |
| (3) Mutton | (4) Chevon |

Options :

19088941397. 1

19088941398. 2

19088941399. 3

19088941400. 4

Question Number : 36 Question Id : 19088910377 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Name of National animal of India

- | | |
|--------------|-------------|
| (1) Lion | (2) Tiger |
| (3) Elephant | (4) Cheetah |

Options :

19088941401. 1

19088941402. 2

19088941403. 3

19088941404. 4

**Question Number : 37 Question Id : 19088910378 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Wild life week is celebrated every year

(1) October First Week

(2) March First Week

(3) August First Week

(4) December Third Week

Options :

19088941405. 1

19088941406. 2

19088941407. 3

19088941408. 4

**Question Number : 38 Question Id : 19088910379 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

The Chromosome number of Swamp buffalo

(1) 54

(2) 48

(3) 60

(4) 56

Options :

19088941409. 1

19088941410. 2

19088941411. 3

19088941412. 4

Question Number : 39 Question Id : 19088910380 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The female animal with its offspring is known as

- | | |
|------------------|-------------|
| (1) Steer | (2) Bullock |
| (3) Calf at foot | (4) Heifer |

Options :

19088941413. 1

19088941414. 2

19088941415. 3

19088941416. 4

Question Number : 40 Question Id : 19088910381 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The most successful applied reproductive technology in dairy husbandry.

- | | |
|---------------------|-----------------------------|
| (1) Cloning | (2) Artificial Insemination |
| (3) Embryo transfer | (4) In vitro fertilization |

Options :

19088941417. 1

19088941418. 2

19088941419. 3

19088941420. 4

Question Number : 41 Question Id : 19088910382 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which one of the following Chicken breed has feathers on their shank?

- | | |
|-------------------|------------|
| (1) Plymouth Rock | (2) Brahma |
| (3) Minorca | (4) Sussex |

Options :

19088941421. 1

19088941422. 2

19088941423. 3

19088941424. 4

Question Number : 42 Question Id : 19088910383 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements.

Statement I: The chromosome, (2N) number of pheasant is 82.

Statement II: The diploid chromosome number in Pea-fowl, Gosse and Muscovy is equal

In the light of the above statements, choose the *correct answer* from the options given below.

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

Options :

19088941425. 1

19088941426. 2

19088941427. 3

19088941428. 4

Question Number : 43 Question Id : 19088910384 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The domestic ducks belongs to one of the following Genus.

- | | |
|------------|-------------|
| (1) Gallus | (2) Anas |
| (3) Aser | (4) Antidae |

Options :

19088941429. 1

19088941430. 2

19088941431. 3

19088941432. 4

Question Number : 44 Question Id : 19088910385 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In poultry, cost and availability of which of these feed ingredients, determines the feed cost.

- (A) Maize
- (B) Soyabean
- (C) Rice bran
- (D) Wheat bran
- (E) Feed Additives

Choose the correct answer from the options given below:

- | | |
|----------------------|----------------------|
| (1) (A) only | (2) (C) only |
| (3) (B) and (E) only | (4) (A) and (B) only |

Options :

19088941433. 1

19088941434. 2

19088941435. 3

19088941436. 4

Question Number : 45 Question Id : 19088910386 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Better Feed Conversion Ratio (FCR) is achieved at higher energy concentration of one of the following in poultry diet.

- (A) Gross Energy
- (B) Digestible Energy
- (C) Metabolisable energy
- (D) Net energy
- (E) Heat increment

Choose the correct answer from the options given below:

- | | |
|--------------|----------------------|
| (1) (A) only | (2) (B) and (E) only |
| (3) (C) only | (4) (C) and (D) only |

Options :

- 19088941437. 1
- 19088941438. 2
- 19088941439. 3
- 19088941440. 4

Question Number : 46 Question Id : 19088910387 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

One of the following body organ in chicken is known as voice box.

- | | |
|--------------|-------------|
| (1) Larynx | (2) Trachea |
| (3) Air sacs | (4) Syrinx |

Options :

- 19088941441. 1
- 19088941442. 2
- 19088941443. 3
- 19088941444. 4

Question Number : 47 Question Id : 19088910388 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following chicken breeds has 'pea' type of comb:

- (A) Australorp
- (B) Brahma
- (C) Cornish
- (D) Rhode Island Red

Choose the most appropriate answer from the options given below:

- | | |
|----------------------|----------------------|
| (1) (A) and (B) only | (2) (B) and (C) only |
| (3) (C) and (D) only | (4) (A) and (D) only |

Options :

19088941445. 1

19088941446. 2

19088941447. 3

19088941448. 4

Question Number : 48 Question Id : 19088910389 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In poultry species, which of the following organ is considered to be very sensitive to periods of feed deprivation.

- | | |
|------------|-------------|
| (1) Kidney | (2) Heart |
| (3) Thymus | (4) Adrenal |

Options :

19088941449. 1

19088941450. 2

19088941451. 3

19088941452. 4

Question Number : 49 Question Id : 19088910390 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

One of the following form of energy is a mere waste and also exerts stress on birds.

- | | |
|-----------------------|--------------------|
| (1) Digestible energy | (2) Faecal Energy |
| (3) Heat Increment | (4) Urinary energy |

Options :

19088941453. 1

19088941454. 2

19088941455. 3

19088941456. 4

**Question Number : 50 Question Id : 19088910391 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Which of these following system of rearing is practised in Japanese Quail.

- | | |
|----------------------|---------------------------|
| (1) Intensive system | (2) Semi-Extensive system |
| (3) Extensive system | (4) Semi-Intensive system |

Options :

19088941457. 1

19088941458. 2

19088941459. 3

19088941460. 4

**Question Number : 51 Question Id : 19088910392 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Banni is one of the registered breed of which species in India.

- | | |
|------------|-------------|
| (1) Cattle | (2) Buffalo |
| (3) Goat | (4) Camel |

Options :

19088941461. 1

19088941462. 2

19088941463. 3

19088941464. 4

Question Number : 52 Question Id : 19088910393 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which breed of sheep has high quality meat?

(1) Mandya

(2) Chokla

(3) Magra

(4) Mecheri

Options :

19088941465. 1

19088941466. 2

19088941467. 3

19088941468. 4

Question Number : 53 Question Id : 19088910394 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Under Breed registration system of India, a new breed of cattle or buffalo will be registered if it has minimum number of

(1) 100

(2) 1000

(3) 10000

(4) 100000

Options :

19088941469. 1

19088941470. 2

19088941471. 3

19088941472. 4

Question Number : 54 Question Id : 19088910395 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In India, which species has maximum number of breed registered at present (2021).

- | | |
|------------|-------------|
| (1) Cattle | (2) Buffalo |
| (3) Sheep | (4) Goat |

Options :

19088941473. 1

19088941474. 2

19088941475. 3

19088941476. 4

Question Number : 55 Question Id : 19088910396 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The buffalo breed of India Famous for high fat percentage in milk, is

- | | |
|-------------|----------------|
| (1) Murrah | (2) Juparabudi |
| (3) Mehsana | (4) Bhadawari |

Options :

19088941477. 1

19088941478. 2

19088941479. 3

19088941480. 4

Question Number : 56 Question Id : 19088910397 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In the year 2018-19, the people of which state had maximum per capita availability of milk in India.

- | | |
|---------------|-------------|
| (1) Haryana | (2) Gujarat |
| (3) Rajasthan | (4) Punjab |

Options :

19088941481. 1

19088941482. 2

19088941483. 3

19088941484. 4

Question Number : 57 Question Id : 19088910398 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements.

Statement I : Bargur is a registered breed of cattle.

Statement II : Bargur is a registered breed of buffalo

In the light of the above statements, choose the *most appropriate* answer from the options given below:

- (1) Both statement I and Statement II are correct
- (2) Both statement I and Statement II are incorrect
- (3) Statement I is correct but statement II is incorrect
- (4) Statement I is incorrect but statement II is correct

Options :

19088941485. 1

19088941486. 2

19088941487. 3

19088941488. 4

Question Number : 58 Question Id : 19088910399 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements.

Statement I: Chengthagi is a registered breed of Goat

Statement II: Chengthagi is a registered breed of sheep

In the light of the above statements, choose the *most appropriate* answer from the options given below:

- (1) Both statement I and statement II are correct
- (2) Both statement I and statement II are incorrect
- (3) Statement I is correct but Statement II is incorrect
- (4) Statement I is incorrect but Statement II is correct

Options :

19088941489. 1

19088941490. 2

19088941491. 3

19088941492. 4

Question Number : 59 Question Id : 19088910400 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements.

Statement I: Buffalo population has increased in India, since the year 1982.

Statement II: Crossbreed cattle populations has increased in India, since the year 1982.

In the light of the above statements, choose the *correct* answer from the options given below:

- (1) Both statement I and Statement II are true
- (2) Both statement I and statement II are false
- (3) Statement I is true but statement II is false
- (4) Statement I is false but statement II is true

Options :

19088941493. 1

19088941494. 2

19088941495. 3

19088941496. 4

Question Number : 60 Question Id : 19088910401 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No
Correct Marks : 4 Wrong Marks : 1

Choose the country which has highest number of cattle head (population) in the world.

- | | |
|------------|--------------|
| (1) Brazil | (2) India |
| (3) China | (4) Pakistan |

Options :

- 19088941497. 1
- 19088941498. 2
- 19088941499. 3
- 19088941500. 4

Question Number : 61 Question Id : 19088910402 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No
Correct Marks : 4 Wrong Marks : 1

Wheat staggers is due to deficiency of

- | | |
|---------------|----------------|
| (1) Calcium | (2) Phosphorus |
| (3) Magnesium | (4) Maganese |

Options :

- 19088941501. 1
- 19088941502. 2
- 19088941503. 3
- 19088941504. 4

Question Number : 62 Question Id : 19088910403 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No
Correct Marks : 4 Wrong Marks : 1

Hydroxylation of proline to hydroxyproline involves.

- | | |
|---------------|---------------|
| (1) Vitamin A | (2) Vitamin E |
| (3) Vitamin C | (4) Vitamin K |

Options :

19088941505. 1

19088941506. 2

19088941507. 3

19088941508. 4

Question Number : 63 Question Id : 19088910404 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is not an example of anabolic hormone?

- | | |
|------------------|---------------|
| (1) Somatotropin | (2) Thyroxine |
| (3) Oestrogens | (4) Androgens |

Options :

19088941509. 1

19088941510. 2

19088941511. 3

19088941512. 4

Question Number : 64 Question Id : 19088910405 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Two stage technique of in vitro digestibility has given by

- | | |
|---------------------------------|-------------------------|
| (1) Tilley and Terry | (2) Menke and steingass |
| (3) Czerkawski and Breckenridge | (4) Henry and Vansoest |

Options :

- 19088941513. 1
- 19088941514. 2
- 19088941515. 3
- 19088941516. 4

Question Number : 65 Question Id : 19088910406 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Type-I mineral mixture should have calcium percent by mass (minimum) as per BIS specifications.

- | | |
|--------|--------|
| (1) 20 | (2) 22 |
| (3) 18 | (4) 23 |

Options :

- 19088941517. 1
- 19088941518. 2
- 19088941519. 3
- 19088941520. 4

Question Number : 66 Question Id : 19088910407 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Surcose is formed from

- (1) One molecule of α -D glucose + 1 molecule of α -D fructose
- (2) One molecule of β -D glucose + 1 molecule of β -D fructose
- (3) One molecule of α -D glucose + 1 molecule of β -D fructose
- (4) One molecule of β -D glucose + 1 molecule of α -D fructose

Options :

- 19088941521. 1

19088941522. 2

19088941523. 3

19088941524. 4

Question Number : 67 Question Id : 19088910408 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Rumen protozoa was discovered by

(1) Hungate and Delafond

(2) Groby and Orpin

(3) Orpin and Hungate

(4) Gruby and Delafond

Options :

19088941525. 1

19088941526. 2

19088941527. 3

19088941528. 4

Question Number : 68 Question Id : 19088910409 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Oat hay poisoning is caused by

(1) Nitrate

(2) Saponin

(3) Tannin

(4) Gossypol

Options :

19088941529. 1

19088941530. 2

19088941531. 3

19088941532. 4

Question Number : 69 Question Id : 19088910410 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is not a byproduct of sugarcane industry?

- | | |
|---------------|-----------------|
| (1) Bagasse | (2) Filter coke |
| (3) Press mud | (4) Husk |

Options :

19088941533. 1

19088941534. 2

19088941535. 3

19088941536. 4

Question Number : 70 Question Id : 19088910411 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Flieg index is commonly used method for quality evaluation in

- | | |
|--------------|-------------|
| (1) Hay | (2) Haylage |
| (3) Molasses | (4) Silage |

Options :

19088941537. 1

19088941538. 2

19088941539. 3

19088941540. 4

Part C : Animal Nutrition

Section Id : 190889202

Section Number : 3

Section type : Online

Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889242
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 19088910412 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion A and the other is labelled as Reason R.

Assertion (A) : Early rumen development is desirable in animals.

Reason (R) : Early hay introduction can hasten the rumen development.

In the light of the above statements, choose the correct answer from the options given below

- (1) Both (A) and (R) are true and (R) is the correct explanation of (A)
- (2) Both (A) and (R) are true but (R) is NOT the correct explanation of (A)
- (3) (A) is true but (R) is false
- (4) (A) is false but (R) is true

Options :

19088941541. 1

19088941542. 2

19088941543. 3

19088941544. 4

Question Number : 72 Question Id : 19088910413 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

- Statement I : Most of the rumen bacterial species can utilize ammonia as sole source of nitrogen.
- Statement II: Protozoa can not utilize ammonia for their nitrogen needs.

In the light of the above statements, choose the correct answer from the options given below:

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is correct but Statement II is false
- (4) Statement I is incorrect but Statement II is true

Options :

- 19088941545. 1
- 19088941546. 2
- 19088941547. 3
- 19088941548. 4

Question Number : 73 Question Id : 19088910414 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Yield of microbial protein per kg of organic matter digested is

- | | |
|---------------|-----------------|
| (1) 50 – 80 g | (2) 90 – 230 g |
| (3) 30 – 70 g | (4) 300 – 450 g |

Options :

- 19088941549. 1
- 19088941550. 2
- 19088941551. 3
- 19088941552. 4

Question Number : 74 Question Id : 19088910415 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The following vitamins are required for propionate metabolism in ruminants

- | | |
|-----------------------------|------------------------------|
| (1) Vitamin B-12 and Biotin | (2) Vitamin B-12 and Choline |
| (3) Vitamin B-6 and Biotin | (4) Vitamin B-6 and Choline |

Options :

19088941553. 1

19088941554. 2

19088941555. 3

19088941556. 4

Question Number : 75 Question Id : 19088910416 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The contribution of fungi to the total rumen microbial biomass is

- | | |
|--------------|--------------|
| (1) 50 – 90% | (2) 30 – 50% |
| (3) 5 – 10% | (4) < 1% |

Options :

19088941557. 1

19088941558. 2

19088941559. 3

19088941560. 4

Question Number : 76 Question Id : 19088910417 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I

List II

- (A) Deoxynivalenol
- (B) Diacetoxyscirpenol
- (C) Fumonisin
- (D) Ochratoxin

- (I) *Fusarium sporotrichioides*
- (II) *Fusarium verticillioides*
- (III) *Penicillium viridicatum*
- (IV) *Fusarium culmorum*

Choose the correct answer from the options given below :

- (1) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)
- (2) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
- (3) (A)-(IV), (B)-(III), (C)-(II), (D)-(I)
- (4) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)

Options :

- 19088941561. 1
- 19088941562. 2
- 19088941563. 3
- 19088941564. 4

Question Number : 77 Question Id : 19088910418 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Hemlock is the source of

- (1) Jacobine
- (2) Morphine
- (3) Coniine
- (4) Atropine

Options :

- 19088941565. 1
- 19088941566. 2
- 19088941567. 3
- 19088941568. 4

Question Number : 78 Question Id : 19088910419 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The correct descending order of the toxicity of glucosinolate derived compounds is

- (1) Nitrites > Cyanates > Oxazolidinethiones
- (2) Cyanates > Nitrites > Oxazolidinethiones
- (3) Cyanates > Oxazolidinethiones > Nitrites
- (4) Nitrites > Oxazolidinethiones > Cyanates

Options :

19088941569. 1

19088941570. 2

19088941571. 3

19088941572. 4

Question Number : 79 Question Id : 19088910420 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I : The maximum limit of aflatoxin laid down by BIS for poultry and duck feed is 20 ppb and 3 ppb respectively.

Statement II : Ochratoxin is associated with occasional outbreaks of blind staggers in horses.

In the light of the above Statements, choose the correct answer from the options given below

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is correct but Statement II is false
- (4) Statement I is incorrect but Statement II is true

Options :

19088941573. 1

19088941574. 2

19088941575. 3

19088941576. 4

Question Number : 80 Question Id : 19088910421 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Tolune distillation method is used to estimate dry matter in

- | | |
|------------|-------------|
| (1) Hay | (2) Haylage |
| (3) Silage | (4) Soilage |

Options :

19088941577. 1

19088941578. 2

19088941579. 3

19088941580. 4

Question Number : 81 Question Id : 19088910422 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Mescawi is a popular variety of

- | | |
|---------------------------|------------------------|
| (1) Medicago Sativa | (2) Euchlaena mexicana |
| (3) Trifolium alexandrium | (4) Vigna Unguiculata |

Options :

19088941581. 1

19088941582. 2

19088941583. 3

19088941584. 4

Question Number : 82 Question Id : 19088910423 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I

List II

- | | |
|------------------|--------------------------|
| (A) Silage | (I) 86 – 88% dry matter |
| (B) Hay | (II) 40 – 45% dry matter |
| (C) Haylage | (III) 90% dry matter |
| (D) Air dry feed | (IV) 35% dry matter |

Choose the correct answer from the options given below :

- (1) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)
- (2) (A)-(II), (B)-(IV), (C)-(I), (D)-(III)
- (3) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)
- (4) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)

Options :

- 19088941585. 1
- 19088941586. 2
- 19088941587. 3
- 19088941588. 4

Question Number : 83 Question Id : 19088910424 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

- (A) Hay is dried much more rapidly in swath than in the windrow
- (B) AIV method of Silage making recommended the addition of dilute Sulphuric acid and hydrogen chloride in 2:1 ratio.
- (C) Flieg index takes into account the relative amount of lactic acid, butyric acid, acetic acid and ammonia.
- (D) Silo-fillers disease is an illness of farm workers that is caused by inhalation of oxides of nitrogen.
- (E) Thin-stemmed Fodders are more suitable for hay making than thick stemmed fodders.

Choose the correct answer from the options given below:

- (1) (A), (B), (C) only
- (2) (B), (C), (D) only
- (3) (A), (D), (E) only
- (4) (A), (D) only

Options :

- 19088941589. 1
- 19088941590. 2
- 19088941591. 3
- 19088941592. 4

Question Number : 84 Question Id : 19088910425 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is not a method of dry processing of grains?

- | | |
|---------------|-----------------|
| (1) Extruding | (2) Micronizing |
| (3) Popping | (4) Pelleting |

Options :

19088941593. 1

19088941594. 2

19088941595. 3

19088941596. 4

Question Number : 85 Question Id : 19088910426 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The optimum ratio of coarse, medium and fine particles in ground feed should be

- | | |
|---------------|---------------|
| (1) 1 : 3 : 5 | (2) 1 : 6 : 3 |
| (3) 1 : 3 : 6 | (4) 1 : 5 : 3 |

Options :

19088941597. 1

19088941598. 2

19088941599. 3

19088941600. 4

Question Number : 86 Question Id : 19088910427 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Brix value of grade-I molasses is

- | | |
|--------|--------|
| (1) 70 | (2) 75 |
| (3) 80 | (4) 85 |

Options :

19088941601. 1

19088941602. 2

19088941603. 3

19088941604. 4

**Question Number : 87 Question Id : 19088910428 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I

List II

- | | |
|-----------------|-------------------|
| (A) Popping | (I) Infrared |
| (B) Roasting | (II) 700 – 800° F |
| (C) Micronizing | (III) 300° F |
| (D) Exploding | (IV) 250 psi |

Choose the correct answer from the options given below :

- (1) (A)-(III), (B)-(I), (C)-(IV), (D)-(II)
- (2) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
- (3) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)
- (4) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)

Options :

19088941605. 1

19088941606. 2

19088941607. 3

19088941608. 4

**Question Number : 88 Question Id : 19088910429 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Given below are two statements: One is labelled as Assertion A the other is labelled as Reason R.

Assertion (A) : Very fine grinding of grains resulted into poor animal performance

Reason (R) : Fine grinding resulted into lower digestibility and feed consumption.

In the light of the above Statement, choose the correct answer from the options given below :

- (1) Both (A) and (R) are true and (R) is the correct explanation of (A)
- (2) Both (A) and (R) are true but (R) is NOT the correct explanation of (A)
- (3) (A) is true but (R) is false
- (4) (A) is false but (R) is true

Options :

19088941609. 1

19088941610. 2

19088941611. 3

19088941612. 4

Question Number : 89 Question Id : 19088910430 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is not an example of external indicator?

- | | |
|-----------------|--------------------------|
| (1) Carmine red | (2) Magnesium Oxide |
| (3) Silica | (4) Chromium sesquioxide |

Options :

19088941613. 1

19088941614. 2

19088941615. 3

19088941616. 4

Question Number : 90 Question Id : 19088910431 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Statement I : Streptococcus zymogens is used mainly for determination of available lysine.

Statement II : Tetrahymena Pyriformis is used mainly for determination of available methionine.

In the light of the above Statement, choose the correct answer from the options given below :

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is correct but Statement II is false
- (4) Statement I is incorrect but Statement II is true

Options :

19088941617. 1

19088941618. 2

19088941619. 3

19088941620. 4

**Question Number : 91 Question Id : 19088910432 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Given below two statements :

Statement I : Fasting heat production of beef cattle lies between 72 and 82 KCal per unit metabolic body size.

Statement II : The net energy content of 1 kg of FCM is 750 KCal.

In the light of the above Statements, choose the most appropriate answer from the options given below :

- (1) Both Statement I and Statement II are correct
- (2) Both Statement I and Statement II are incorrect
- (3) Statement I is correct but Statement II incorrect
- (4) Statement I is incorrect but Statement II is correct

Options :

- 19088941621. 1
- 19088941622. 2
- 19088941623. 3
- 19088941624. 4

Question Number : 92 Question Id : 19088910433 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Statement I: During the first and second lactation, in order to allow the growth to lactating animal add about 5 and 10 percent of the maintenance allowance.

Statement II: According to the BIS specification of bone meal not less than 99% of material should pass through 1.18 mm is sieve.

In the light of the above Statements, choose the most appropriate answer from the options given below :

- (1) Both Statement I and Statement II are correct
- (2) Both Statement I and Statement II are incorrect
- (3) Statement I is correct but Statement II is incorrect
- (4) Statement I is incorrect but Statement II is correct

Options :

- 19088941625. 1
- 19088941626. 2
- 19088941627. 3
- 19088941628. 4

Question Number : 93 Question Id : 19088910434 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In Cornell Net Carbohydrate and Protein (CNCP), system, the fraction "C" represent

- | | |
|---------------|----------|
| (1) NPN | (2) TP |
| (3) NDIP-ADIP | (4) ADIN |

Options :

- 19088941629. 1
- 19088941630. 2
- 19088941631. 3
- 19088941632. 4

Question Number : 94 Question Id : 19088910435 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following parameter is seen under high magnification of feed microscopy?

- | | |
|--------------|-------------------------|
| (1) Softness | (2) Structural features |
| (3) Texture | (4) Particle size |

Options :

- 19088941633. 1
- 19088941634. 2
- 19088941635. 3
- 19088941636. 4

Question Number : 95 Question Id : 19088910436 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

RUSITEC was first designed and developed by

- | | |
|--------------------------|---------------------------------|
| (1) Tilley and Terry | (2) Menke and Steingass |
| (3) Orskov and van soest | (4) Czerkawski and Breckenridge |

Options :

- 19088941637. 1
- 19088941638. 2
- 19088941639. 3
- 19088941640. 4

Question Number : 96 Question Id : 19088910437 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The effective rumen degradability (p) of the protein can be calculated by using the equation (where a = water soluble N , b = potentially degradable, C = fractional rate of degradation of feed N per hour, K = turn over rate of rumen digest a)

(1) $p = a + \frac{bc}{(C + K)}$

(2) $p = a + \frac{b}{C + K}$

(3) $p = ab + \frac{C}{C + K}$

(4) $p = a + \frac{bc}{(a + K)}$

Options :

19088941641. 1

19088941642. 2

19088941643. 3

19088941644. 4

Question Number : 97 Question Id : 19088910438 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following vitamin deficiency resulted into "tying up" condition in horse?

(1) Vitamin A

(2) Vitamin B-6

(3) Vitamin C

(4) Vitamin E

Options :

19088941645. 1

19088941646. 2

19088941647. 3

19088941648. 4

Question Number : 98 Question Id : 19088910439 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

- (A) A pre partum negative DCAD diet significantly minimizes the occurrence of milk fever.
- (B) An acidifying diet before calving reduces the calcium loss through urine.
- (C) An acidifying diet before calving increases the calcium loss through urine.
- (D) Feedings a diet containing cationic mixture is effective for prevention of milk fever.
- (E) Rations fed to herbivores normally have a positive DCAD value.

Code :

- (1) (C), (D), (E) only
- (2) (A), (B), (D) only
- (3) (A), (C), (E) only
- (4) (B), (C), (E) only

Options :

- 19088941649. 1
- 19088941650. 2
- 19088941651. 3
- 19088941652. 4

Question Number : 99 Question Id : 19088910440 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is precursor of the 3-series thromboxanes?

- | | |
|---------------------------|---------------------------|
| (1) Eicosatetraenoic acid | (2) Eicosapentaenoic acid |
| (3) Docosaheptaenoic acid | (4) Alpha-linolenic acid |

Options :

- 19088941653. 1
- 19088941654. 2
- 19088941655. 3
- 19088941656. 4

Question Number : 100 Question Id : 19088910441 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following vitamin is associated with intrinsic factor?

- | | |
|-----------------|------------------|
| (1) Vitamin B-6 | (2) Vitamin B-12 |
| (3) Vitamin B-1 | (4) Vitamin B-2 |

Options :

19088941657. 1

19088941658. 2

19088941659. 3

19088941660. 4

Question Number : 101 Question Id : 19088910442 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following statement is incorrect

- (1) Diet does not affect amino acid composition of protozoa
- (2) Protein quality of protozoa and bacteria are nearly similar
- (3) Microbial protein contain 20% nucleic acid
- (4) True digestibility of protozoa is lower than bacteria

Options :

19088941661. 1

19088941662. 2

19088941663. 3

19088941664. 4

Question Number : 102 Question Id : 19088910443 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match ist I with List II

List I

List II

- (A) Blind staggers
- (B) Teartness
- (C) Parrot beak
- (D) Grass staggers

- (I) Molybdenum
- (II) Manganese
- (III) Magnesium
- (IV) Selenium

Choose the correct answer from the options given below:

- (1) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)
- (2) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)
- (3) (A)-(IV), (B)-(II), (C)-(I), (D)-(III)
- (4) (A)-(II), (B)-(I), (C)-(IV), (D)-(III)

Options :

19088941665. 1

19088941666. 2

19088941667. 3

19088941668. 4

**Question Number : 103 Question Id : 19088910444 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Which of the following Vitamin is precursor of oxalic acid?

- (1) Vitamin C
- (2) Vitamin B-1
- (3) Vitamin D
- (4) Vitamin K

Options :

19088941669. 1

19088941670. 2

19088941671. 3

19088941672. 4

Question Number : 104 Question Id : 19088910445 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

1-25 dihydroxy cholecalciferol is synthesized from 25-hydroxy Chloecalciferol in

(1) Kidney

(2) Liver

(3) Muscles

(4) Skeletal System

Options :

19088941673. 1

19088941674. 2

19088941675. 3

19088941676. 4

Question Number : 105 Question Id : 19088910446 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I

List II

- (A) Pyridoxal Phosphate
- (B) Coenzyme A
- (C) Tetra hydrofolic acid
- (D) Methylcobalamin

- (I) Acyl transfer
- (II) One Carbon transfer
- (III) Isomerases
- (IV) Transaminases

Choose the correct answer from the options given below:

- (1) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)
- (2) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
- (3) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)
- (4) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)

Options :

19088941677. 1

19088941678. 2

19088941679. 3

19088941680. 4

Question Number : 106 Question Id : 19088910447 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Zinc is not a part of the enzyme

- (1) Alcohol dehydrogenase
- (2) Alkaline Phosphatase
- (3) Thymidine Kinase
- (4) Sulphite Oxidase

Options :

19088941681. 1

19088941682. 2

19088941683. 3

19088941684. 4

Question Number : 107 Question Id : 19088910448 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Goose-stepping in Pig is caused due to deficiency of

- | | |
|----------------------|----------------|
| (1) Pantothenic acid | (2) Niacin |
| (3) Biotin | (4) Riboflavin |

Options :

19088941685. 1

19088941686. 2

19088941687. 3

19088941688. 4

Question Number : 108 Question Id : 19088910449 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following feedstuff is least degradable in rumen?

- | | |
|------------|---------------|
| (1) Urea | (2) Groundnut |
| (3) Casein | (4) Barley |

Options :

19088941689. 1

19088941690. 2

19088941691. 3

19088941692. 4

Question Number : 109 Question Id : 19088910450 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Give below are two statements :

Statement I: Density (g/ml) of Chylomicrons is less than 0.95 and percent protein content is 1.5-2.0%

Statement II: Density (g/ml) of LDL (Low Density Lipoproteins) is 1.006 – 1.063 and percent protein content is 5 – 10%.

In the light of the above Statements, choose the most appropriate answer from the options given below

- (1) Both Statement I and Statement II are correct
- (2) Both Statement I and Statement II are incorrect
- (3) Statement I is correct but Statement II is incorrect
- (4) Statement I is incorrect but Statement II is correct

Options :

19088941693. 1

19088941694. 2

19088941695. 3

19088941696. 4

Question Number : 110 Question Id : 19088910451 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The correct descending order of organic compounds for their Sweetness is

- (1) Sucrose > Fructose > Maltose > Galatose > Saccharin
- (2) Saccharin > Sucrose > Fructose > Galacose > Maltose
- (3) Fructose > Saccharin > Galacose > Maltose > Sucrose
- (4) Saccharin > Fructose > Sucrose > Maltose> Galactose

Options :

19088941697. 1

19088941698. 2

19088941699. 3

19088941700. 4

Question Number : 111 Question Id : 19088910452 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I

List II

(A) Carboxy peptidase

(B) Amino peptidase

(C) Chymosin

(D) Amylase

(I) Small Intestine

(II) Gastric Mucosa

(III) Saliva

(IV) Pancreas

Choose the correct answer from the options given below:

(1) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)

(2) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)

(3) (A)-(IV), (B)-(III), (C)-(II), (D)-(I)

(4) (A)-(II), (B)-(IV), (C)-(I), (D)-(III)

Options :

19088941701. 1

19088941702. 2

19088941703. 3

19088941704. 4

Question Number : 112 Question Id : 19088910453 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Dry matter intake to water intake ratio in Sheep is

(1) 1 : 2

(2) 1 : 3

(3) 1 : 4

(4) 1 : 5

Options :

19088941705. 1

19088941706. 2

19088941707. 3

19088941708. 4

Question Number : 113 Question Id : 19088910454 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following are two major variables in animal body composition?

- | | |
|-----------------------|---------------------|
| (1) Water and Protein | (2) Protein and Fat |
| (3) Fat and Ash | (4) Water and Fat |

Options :

19088941709. 1

19088941710. 2

19088941711. 3

19088941712. 4

Question Number : 114 Question Id : 19088910455 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

- (A) The water content of plant decreases as the seed matures.
- (B) Leaves are rich in protein than stem.
- (C) As plant matures, there is a movement of protein from seed to vegetative part.
- (D) Cereal grains are low in Calcium and sodium.
- (E) Fat is higher in leaves than stem and generally highest in vegetative parts.

Choose the correct answer from the options given below:

- (1) (A), (B), (C) only
- (2) (A), (B), (D) only
- (3) (B), (C), (D) only
- (4) (B), (D), (E) only

Options :

19088941713. 1

19088941714. 2

19088941715. 3

19088941716. 4

Question Number : 115 Question Id : 19088910456 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The percentage of total water intake of domestic animal comprises by metabolic water.

- | | |
|--------------|--------------|
| (1) 1 – 2% | (2) 5 – 10% |
| (3) 10 – 20% | (4) 20 – 30% |

Options :

19088941717. 1

19088941718. 2

19088941719. 3

19088941720. 4

Question Number : 116 Question Id : 19088910457 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following amino acid is most sensitive in maillard reaction?

- | | |
|----------------|-------------|
| (1) Arginine | (2) Glycine |
| (3) Methionine | (4) Lysine |

Options :

19088941721. 1

19088941722. 2

19088941723. 3

19088941724. 4

Question Number : 117 Question Id : 19088910458 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The minimum crude protein in prestarter chicken feeds (IS) should be

- | | |
|---------|---------|
| (1) 23% | (2) 22% |
| (3) 20% | (4) 18% |

Options :

19088941725. 1

19088941726. 2

19088941727. 3

19088941728. 4

**Question Number : 118 Question Id : 19088910459 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

The antidote of Vanadium toxicity is

- | | |
|---------------|--------------------|
| (1) Tungstate | (2) Methylene blue |
| (3) EDTA | (4) Acetone |

Options :

19088941729. 1

19088941730. 2

19088941731. 3

19088941732. 4

**Question Number : 119 Question Id : 19088910460 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

- (A) When Copper is deficient in the diet, there is a decreased absorption of iron.
- (B) Excess of molybdenum causes deficiency of Copper.
- (C) EDTA appears to act as antidote in lead poisoning.
- (D) High level of inorganic Phosphorus interfere with calcium absorption.
- (E) Tungstate is an antagonist of Chromium.

Choose the correct answer from the options given below :

- (1) A, C, D only
- (2) A, B, D only
- (3) A, B, C only
- (4) B, D, E only

Options :

19088941733. 1

19088941734. 2

19088941735. 3

19088941736. 4

**Question Number : 120 Question Id : 19088910461 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

- (A) Non-ionophore antibiotics include virginamycin, flavomycin and avoporcine.
- (B) Monensin is an example of ionophore antibiotics.
- (C) Monensin increases the activity of some rumen enzymes such as proteases.
- (D) Monensin decrease passage rate and hence decrease amount of organic matter fermentation in rumen.
- (E) Monensin decrease the acetate : propionate ratio

Choose the correct answer from the options given below :

- (1) (B), (C), (D) only
- (2) (A), (D), (E) only
- (3) (B), (D), (E) only
- (4) (A), (B), (E) only

Options :

19088941737. 1

19088941738. 2

19088941739. 3

19088941740. 4