

## FINAL ANSWER KEY

Question 171/2023/OL

Paper Code:

Category 535/2019

Code:

Exam: Livestock Inspector Gr II/ Poultry Assistant/ Milk Recorder  
etc (Supplimentary Examination)

Date of Test 21-12-2023

Department Animal Husbandry

Question1:-Choose the odd one

A:-Black quarter

B:-Brucellosis

C:-Anthrax

D:-Mastitis

Correct Answer:- Option-D

Question2:-The floor space required for grower light breeds of poultry is

A:-1350  $cm^2$

B:-950  $cm^2$

C:-850  $cm^2$

D:-1950 $cm^2$

Correct Answer:- Option-B

Question3:-Name the type of dairy farming mainly practiced in villages

A:-Family cow

B:-Part time dairying

C:-Diversified farms

D:-Mixed farms

Correct Answer:- Option-A

Question4:-Ear notching is a method of identification done in

A:-Cattle

B:-Goat

C:-Pig

D:-Buffalo

Correct Answer:- Option-C

Question5:-The total livestock population in rural areas of India is

A:-514.11 million

B:-536.76 million

C:-303.6 million

D:-193.46 million

Correct Answer:- Option-A

Question6:-The fine undercoat of Kashmiri goats is called

A:-Fur

B:-Wool

C:-Mohair

D:-Pashmina

Correct Answer:- Option-D

Question7:-A bull whose genetic capacity is proved through sire index is called

A:-Heterosis

B:-Hybrid vigour

C:-Cross bred

D:-Proven bull

Correct Answer:- Option-D

Question8:-As per 2019 basic Animal Husbandry Statistics, the average milk yield per day per animal for crossbred cattle in India is

A:-15 kg

B:-10 kg

C:-7.95 kg

D:-3 kg

Correct Answer:- Option-C

Question9:-Super ovulation is an important step related to cattle in

A:-MOET

B:-Artificial insemination

C:-Estrous cycle

D:-None of the above

Correct Answer:- Option-A

Question10:-An adult uncastrated male cattle is called

A:-Steer

B:-Bull

C:-Uncastrated bull

D:-Bullock

Correct Answer:- Option-B

Question11:-Which bone is called shoulder blade?

A:-Humerus

B:-Radius

C:-Scapula

D:-Pelvic bone

Correct Answer:- Option-C

Question12:-A part of the digestive system of cattle which extends from the diaphragm to the pelvis filling almost left side of the abdominal cavity

A:-Large intestine

B:-Small intestine

C:-Rumen

D:-Reticulum

Correct Answer:- Option-C

Question13:-An example for dual purpose breed of cattle

A:-Kankrej

B:-Hallikar

C:-Amrithmahal

D:-Kangayam

Correct Answer:- Option-A

Question14:-The body cavity which is bounded by the vertebral column at the dorsal side, ribs on the lateral side, sternum on the ventral side, diaphragm on the posterior side

A:-Abdominal cavity

B:-Pelvic cavity

C:-Thoracic cavity

D:-None of the above

Correct Answer:- Option-C

Question15:-Disease most commonly occurs in goat as a result of consuming large quantity of readily digestible carbohydrate is

A:-Ketosis

B:-Lactic acidosis

C:-Milk fever

D:-PPR

Correct Answer:- Option-B

Question16:-The hormone which helps in parturition, sperm and egg transportation, milk ejection

A:-GnRH

B:-FSH

C:-Prolactin

D:-Oxytocin

Correct Answer:- Option-D

Question17:-The largest nematode of poultry is

A:-Ascaridia

B:-Heterakis

C:-Taenia

D:-Whip worms

Correct Answer:- Option-A

Question18:-In poultry layers moulting occurs once in a year and the order of it is

(i) Head-neck-body-wing-tail

(ii) Head-wing-body-neck-tail

(iii) Tail-wing-body-neck-head

(iv) Head-body-neck-tail-wing

A:-(iii)

B:-(iv)

C:-(ii)

D:-(i)

Correct Answer:- Option-D

Question19:-Most reliable test used for detecting adulteration of milk with water is

A:-Iodine test

B:-Seliwanoff's reagent

C:-Freezing point

D:-Con. HCl

Correct Answer:- Option-C

Question20:-Which among the following statements is correct about dystocia

(i) May occur if the posture of calf is abnormal

(ii) May occur if relaxation of pelvic ligament is insufficient

A:-(i)

B:-(i) and (ii)

C:-(ii)

D:-None of the above

Correct Answer:- Option-B

Question21:-Which method of selection is used for selection of calves?

A:-Family selection

B:-Progeny selection

C:-Pedigree selection

D:-Individual method

Correct Answer:- Option-C

Question22:-Roughages should contain

- A:-more than 18% crude fibre
- B:-less than 18% crude fibre
- C:-16% crude fibre
- D:-18% crude protein

Correct Answer:- Option-A

Question23:-Name the breed which is having a straight top line, usual colour is fawn, double dished forehead, horns are small and curved forwards

- A:-Sahiwal
- B:-Brown swiss
- C:-Gir
- D:-Jersey

Correct Answer:- Option-D

Question24:-Longest phase of estrous cycle in cattle is

- A:-Pro estrous
- B:-Di estrous
- C:-Estrous
- D:-Met estrous

Correct Answer:- Option-B

Question25:-An example for legume fodder tree is

- A:-Jack fruit
- B:-Coconut tree
- C:-Subabul
- D:-All the above

Correct Answer:- Option-C

Question26:-Concentrate mixture for an adult goat should contain \_\_\_\_\_% of crude protein.

- A:-16%
- B:-18%
- C:-20%
- D:-14%

Correct Answer:- Option-B

Question27:-The temperature time combination used for continuous flow method of pasteurization is

- A:-63°C, 30 minutes
- B:-89°C, 3 seconds
- C:-60°C, 25 minutes

D:-72°C, 15 seconds

Correct Answer:- Option-D

Question28:-The unpaired airsac seen in poultry

A:-Inter clavicular

B:-Thoracic

C:-Cervical

D:-Abdominal

Correct Answer:- Option-A

Question29:-Cyanosis and edema of comb and wattle, blood tinged oral and nasal discharges, in severe cases greenish diarrhoea may be seen in poultry. This may be due to the disease

A:-Pasteurellosis

B:-Avian influenza

C:-IBD

D:-Newcastle Disease

Correct Answer:- Option-B

Question30:-The peculiarity of protein digestion in ruminants is

(i) Rumen microbes can synthesise essential amino acids

(ii) Microbial protein produced by microbes are of high quality protein

A:-(i)

B:-(ii)

C:-Both (i) and (ii)

D:-None of the above

Correct Answer:- Option-C

Question31:-A ration which contains concentrate, roughage, minerals and vitamins in correct proportion to meet production and maintenance requirement of an animal is

A:-TMR Feed

B:-By pass protein

C:-Ration

D:-Diet

Correct Answer:- Option-A

Question32:-Duration of estrum in cattle is

A:-18 days

B:-24 days

C:-2-3 days

D:-12-24 hours

Correct Answer:- Option-D

Question33:-The most popular mediterranean breed of poultry is

A:-Leghorn

B:-RIR

C:-Cochin

D:-Australorp

Correct Answer:- Option-A

Question34:-DCP content of paddy straw is

A:-40

B:-20

C:-0

D:-4

Correct Answer:- Option-C

Question35:-Approximate floor space required for a cow under intensive system of rearing

A:-1.5 - 1.7  $m^2$

B:-1 - 1.2  $m^2$

C:-3.5  $m^2$

D:-75  $cm^2$

Correct Answer:- Option-C

Question36:-Portion of the reproductive system of cow which opens only during heat and parturition is

A:-Cervix

B:-Body of uterus

C:-Uterine horns

D:-Oviduct

Correct Answer:- Option-A

Question37:-The process through which the milk is made to a stable emulsion of milk fat and milk serum

A:-Toned milk

B:-Condensed milk

C:-Pasteurised milk

D:-Homogenised milk

Correct Answer:- Option-D

Question38:-If a layer is having an abdomen which is large with width of 3-5 fingers, soft and less fat, it indicates that it is a

A:-Poor layer

B:-Good layer

C:-Broody hen

D:-Unproductive hen

Correct Answer:- Option-B

Question39:-As per the vaccination schedule for layers, the vaccine that is administered to chicken on 6<sup>th</sup> week is against

A:-Marek's disease

B:-Ranikhet disease

C:-IBD

D:-Fowl pox

Correct Answer:- Option-D

Question40:-The standard dry period in cow is

A:-365 days

B:-60 days

C:-120 days

D:-30 - 90 days

Correct Answer:- Option-B

Question41:-The process of segregation of apparently healthy animals from other animals for a specific period is

A:-Quarantine

B:-Infestation

C:-Isolation

D:-Culling

Correct Answer:- Option-A

Question42:-Iron dextran injections are given to prevent

A:-Erysepalas

B:-Piglet anemia

C:-Pasteurellosis

D:-Mange

Correct Answer:- Option-B

Question43:-Process of separating calf from dam immediately after calving or after 2-3 days and rearing separately is

A:-Milk replacer feeding

B:-Pail feeding

C:-Nurse cow method

D:-Weaning

Correct Answer:- Option-D

Question44:-The instrument used for restraining and short term examination of



bulls

A:-Milk man's rope

B:-Squeeze cage

C:-Bull holder

D:-Bull leader

Correct Answer:- Option-C

Question45:-The process of trimming or removing of comb and wattles is

A:-Debeaking

B:-Defeathering

C:-Dubbing

D:-Trimming

Correct Answer:- Option-C

Question46:-The percentage of milk fat present in heavy cream is

A:-30-40

B:-65-85

C:-20-25

D:-50-65

Correct Answer:- Option-B

Question47:-Identify a cattle breed suitable for hilly areas

A:-Holstein Friesian

B:-Jersey

C:-Vechur

D:-Kasaragod Dwarf

Correct Answer:- Option-A

Question48:-Mating between individuals of any two breeds

A:-Out breeding

B:-Line breeding

C:-Close inbreeding

D:-Cross breeding

Correct Answer:- Option-D

Question49:-At the age of 3 years, which among the following statements is correct about dentition

(i) Temporary central incisors are replaced by permanent ones

(ii) Temporary centrolaterals are replaced by permanent ones

(iii) Appearance of wear in permanent central incisors

A:-All the above

B:-(ii)

C:-(iii)

D:-(i)

Correct Answer:- Option-B

Question50:-Body temperature of poultry is

A:-101.5°F

B:-103.5°F

C:-102.6°F

D:-107°F

Correct Answer:- Option-D

Question51:-In cow, after fertilization the heart of the embryo begins to beat at an age of

A:-10 days

B:-12 days

C:-22 days

D:-40 days

Correct Answer:- Option-C

Question52:-The main gas produced in a good quality biogas is

A:-Methane

B:-Hydrogen sulphide

C:-Oxygen

D:-Carbon dioxide

Correct Answer:- Option-A

Question53:-Critical temperature for Indian Cattle is

A:-101.5°F

B:-80°F

C:-85°F

D:-95°F

Correct Answer:- Option-D

Question54:-Percentage of animals that should be replaced yearly in a farm is

A:-20

B:-10

C:-80

D:-50

Correct Answer:- Option-A

Question55:-As per BIS specifications of poultry feed, layer phase I feed should contain a minimum metabolisable energy of

A:-2500 Kcal/Kg

B:-2400 Kcal/Kg

C:-2600 Kcal/Kg

D:-2800 Kcal/Kg

Correct Answer:- Option-C

Question56:-For collecting hatching eggs in layer ducks, the male : female ratio may be

A:-1 : 5

B:-1 : 8

C:-1 : 10

D:-1 : 3

Correct Answer:- Option-B

Question57:-The average amount of water required per day for drinking purpose in cattle

A:-10 litre

B:-20 litre

C:-40 - 120 litre

D:-150 litre

Correct Answer:- Option-C

Question58:-As per the thumb rule for feeding, when green is surplus, amount of green grass required for an adult cow weighing 250 kg for maintenance ration

A:-15 kg

B:-25 - 30 kg

C:-6 kg

D:-20 kg

Correct Answer:- Option-B

Question59:-On grading an egg is having a free or bubbly air cell of 8 mm depth, slightly off centered yolk, with a size of 60 g and above, it can be graded as

A:-A grade

B:-AA grade

C:-A small grade

D:-B grade

Correct Answer:- Option-D

Question60:-An example for meat purpose breed of duck is

A:-White Pekin

B:-Chara

C:-Khakhi Campbell

D:-Indian Runner

Correct Answer:- Option-A

Question61:-Hatch weight of quail chick is

A:-15 g

B:-10 g

C:-12 g

D:-7 g

Correct Answer:- Option-D

Question62:-Toxic content present in cotton seed is

A:-Mimosin

B:-Aflatoxin

C:-Gossipol

D:-Cyanide

Correct Answer:- Option-C

Question63:-The system of rearing of cattle where animals are let loose in an open paddock is

A:-Free range system

B:-Semi intensive system

C:-Intensive system

D:-Tail to Tail system

Correct Answer:- Option-B

Question64:-Name the grass that can be cultivated as an intercrop in arecanut and coconut plantation

A:-Guinea grass

B:-Para grass

C:-Cowpea

D:-Azolla

Correct Answer:- Option-A

Question65:-The dimension of foot bath that should be arranged in a poultry house is

A:-2.5 cm × 2.5 cm

B:-90 cm × 45 cm

C:-30 cm × 60 cm

D:-15 cm × 15 cm

Correct Answer:- Option-B

Question66:-The amount of feed restriction that can be practiced in egg type grower is

A:-7-8 %

B:-20%

C:-10%

D:-No restriction can be practiced

Correct Answer:- Option-A

Question67:-When compared to other poultry, ducks are more susceptible to

A:-Pasteurellosis

B:-Duck viral hepatitis

C:-Aflatoxicosis

D:-Duck plague

Correct Answer:- Option-C

Question68:-Covered area required in a boar's pen

A:-12  $m^2$

B:-5  $m^2$

C:-10  $m^2$

D:-7.5  $m^2$

Correct Answer:- Option-D

Question69:-The vitamin which is known as antisterility vitamin

A:-Vitamin A

B:-Vitamin E

C:-Vitamin K

D:-Vitamin C

Correct Answer:- Option-B

Question70:-The milking method that can be followed for a small teated animal

A:-Knuckling

B:-Thumbing

C:-Full hand milking

D:-Stripping

Correct Answer:- Option-D

Question71:-A good poultry farm should have a feed efficiency per kg egg mass of

A:-2.2 or less

B:-1.8 - 2.0

C:-1.5 or less

D:-1.0 - 1.2

Correct Answer:- Option-A

Question72:-Black beard in upper breast region, large elastic snood, fleshy

caruncles are characteristics of

A:-Drake

B:-Chicken

C:-Male turkey

D:-Female turkey

Correct Answer:- Option-C

Question73:-Special nourishing concentrate feed given to piglets in a guard rail, away from the dam

A:-Starter

B:-Milk replacer

C:-Concentrates

D:-Creep feed

Correct Answer:- Option-D

Question74:-The percentage of water content in hay is

A:-65%

B:-Less than 15%

C:-More than 20%

D:-35%

Correct Answer:- Option-B

Question75:-Secretion of the male accessory sex organ which contains fructose and citric acid

A:-Cowpers gland

B:-Prostate gland

C:-Seminal vesicle

D:-Leydig cell

Correct Answer:- Option-C

Question76:-The figures in the numerator in the dental formula indicates

(i) Number of teeth in the upper jaw

(ii) Number of teeth in the lower jaw

(iii) Number of incisors

(iv) Number of premolars

A:-(i)

B:-(ii)

C:-(iii)

D:-(iv)

Correct Answer:- Option-A

Question77:-Average feed required per bird for grower during growing period is

A:-2 kg

B:-41 kg

C:-4.7 kg

D:-6 kg

Correct Answer:- Option-D

Question78:-The quail chick feed upto 3 weeks of age should contain a protein content of

A:-22%

B:-24%

C:-27%

D:-25%

Correct Answer:- Option-C

Question79:-Name the foetal membrane which helps in exchange of gases and foetal circulation

A:-Chorion

B:-Amnion

C:-Allantois

D:-Allanto chorion

Correct Answer:- Option-A

Question80:-Furstenberg's rosette is seen in

A:-Uterus

B:-Teat

C:-Penis

D:-Testes

Correct Answer:- Option-B

Question81:-The chemical used for dehorning

A:-Caustic potash

B:-Soda bicarb

C:-Calcium oxide

D:-Calcium carbonate

Correct Answer:- Option-A

Question82:-The branding temperature used in freeze branding is

(i)  $-79^{\circ}\text{C}$

(ii)  $-196^{\circ}\text{C}$

A:-(i)

B:-(ii)

C:-(i) and (ii)

D:-None of the above

Correct Answer:- Option-C

Question83:-The total RBC count of cattle

A:-8-18 million/ $mm^3$

B:-5-8 million/ $mm^3$

C:-5.5-8.5 million/ $mm^3$

D:-5-10 million/ $mm^3$

Correct Answer:- Option-D

Question84:-The mating method used in poultry to know the pedigree of chicks is

A:-Flock mating

B:-Pen mating

C:-Mass mating

D:-None of the above

Correct Answer:- Option-B

Question85:-Transportation, concentration, maturation and storage of sperms are the major functions of which part of the reproductive system

A:-Testes

B:-Vas deferens

C:-Epididymis

D:-Vasa efferentia

Correct Answer:- Option-C

Question86:-The condition in which the normal respiration rate varies

A:-Sleep

B:-Unconsciousness

C:-Milk fever

D:-All the above

Correct Answer:- Option-D

Question87:-Formation of soft shelled egg may be due to

(i) Immature shell gland

(ii) Deficiency of Calcium, Phosphorous, Selenium

(iii) Deficiency of Vitamin E, B 12

A:-(i) and (ii)

B:-(i) and (iii)

C:-(ii)

D:-All the above

Correct Answer:- Option-D

Question88:-In which species saliva is deficient in ptyalin

A:-Ruminants



B:-Pig

C:-Cat

D:-Dog

Correct Answer:- Option-A

Question89:-CME is used for preservation of semen under

A:-Refrigeration temperature

B:-Room temperature

C:-Deep freezing

D:-Chilled method

Correct Answer:- Option-B

Question90:-The total effective photoperiod for layers can be achieved by increasing the photoperiod weekly upto 16 hours at the rate of

A:-5 minutes

B:-10 minutes

C:-15 minutes

D:-20 minutes

Correct Answer:- Option-C

Question91:-An 8 to 21 days old broiler chicken is called

A:-Starter

B:-Chick

C:-Pre starter

D:-Grower

Correct Answer:- Option-A

Question92:-Largest single organ of the body in poultry

A:-Testes

B:-Gizzard

C:-Heart

D:-Liver

Correct Answer:- Option-B

Question93:-The reasons of infertility may be

(i) Silent heat

(ii) Imbalance in the hormonal level

(iii) Deficiency of certain vitamins

(iv) Environmental temperature

A:-(i)

B:-(i) and (iv)

C:-(ii) and (iii)

D:-All the above

Correct Answer:- Option-D

Question94:-Average rumination time in ruminants is

A:-6 hour

B:-8 hour

C:-10 hour

D:-12 hour

Correct Answer:- Option-B

Question95:-Identify the importance of reticular groove

A:-Milk by passes rumen to abomasum

B:-Milk get curdled in abomasum

C:-Milk is digested by rennin

D:-All the above

Correct Answer:- Option-D

Question96:-The optimum temperature required for chicken egg in hatcher is

A:-99.5°F

B:-99.75°F

C:-98.5°F

D:-97.5°F

Correct Answer:- Option-C

Question97:-Specific gravity of milk

A:-1.028 - 1.035

B:-1.01 - 1.02

C:-1.12 - 1.32

D:-1.25 - 1.32

Correct Answer:- Option-A

Question98:-On 7<sup>th</sup> day candling, eggs showing absence of blood vessels, adhering to shell or pink rings indicates

A:-Fertile egg

B:-Early dead embryo

C:-Infertile egg

D:-Live embryo

Correct Answer:- Option-B

Question99:-Milk which contain maximum 1.5% fat and 9.0% SNF is

A:-Skim milk

B:-Humanised milk

C:-Double toned milk

D:-Toned milk

Correct Answer:- Option-C

Question100:-Incubation period of turkey egg is

A:-28 days

B:-21 days

C:-35 days

D:-18 days

Correct Answer:- Option-A