

PROVISIONAL ANSWER KEY

Question 95/2025/OL

Paper Code:

Category 239/2024

Code:

Exam: Farm Assistant Grade II (Veterinary)

Date of Test 19-08-2025

Department Kerala Veterinary and Animal Science University

Question1:-The buffalo breed which has its appearance and body conformation as an intermediate of Murrah and Surti breeds is called

A:-Mehsana

B:-Nili-Ravi

C:-Jaffarabadi

D:-Nagpuri

Correct Answer:- Option-A

Question2:-What is the covered floor space area requirement for cows in India?

A:- $3.5m^2$

B:- $4.5m^2$

C:- $5m^2$

D:- $10m^2$

Correct Answer:- Option-A

Question3:-Which Vitamin is essential for blood clotting and helps in prothrombin synthesis?

A:-Vitamin A

B:-Vitamin K

C:-Vitamin C

D:-Vitamin D

Correct Answer:- Option-B

Question4:-The scientific name of Napier grass is

A:-*Pennisetum purpureum*

B:-*Pennisetum americanum*

C:-*Panicum maximum*

D:-*Megathyrsus maximus*

Correct Answer:- Option-A

Question5:-Which fodder grass is called Surinam grass?

A:-Congo-signal

B:-Signal

C:-Setaria

D:-Gamba

Correct Answer:- Option-B

Question6:-Which among the following are legumes group?

A:-Guinea, Para, Buffel, Deenanath

B:-Stylo, Alfa alfa, Berseem, Centro

C:-Azolla, Cassava, Sweet potato, Amaranthes

D:-Sunflower, Cocoa, Cabbage, Water hyacinth

Correct Answer:- Option-B

Question7:-Read the following statements and answer.

i. It is a good practice to feed the animal with a portion of concentrate mixture at milking time.

ii. Milking can be done twice or thrice daily, but at regular intervals

A:-Only statement (i) is true

B:-Only statement (ii) is true

C:-Both statements (i) and (ii) are true

D:-Both statements (i) and (ii) are not true

Correct Answer:- Option-C

Question8:-Inflammation of the uterus of dairy animals is usually referred as

A:-Metritis

B:-Vaginitis

C:-Cervicitis

D:-None of the above

Correct Answer:- Option-A

Question9:-Which process is used for manufacturing minerals having high bioavailability to feed animals?

A:-Chelation

B:-Fortification

C:-Supplementation

D:-Enrichment

Correct Answer:- Option-A

Question10:-When green succulent forages are preserved by organic acids produced by the fermentation of soluble carbohydrates by natural microorganisms of the herbage, it is called

A:-Silage

B:-Hay

C:-Straw

D:-Karbi

Correct Answer:- Option-A

Question11:-Milk fat is highest when the fermentation in the rumen favours the production of acetic acid. Which of the following feed stuffs will tend to enhance the milk fat?

A:-Feeding a high-fibre ration (17%)

B:-Heat-treated feeds

C:-Finely ground hay

D:-High-concentration diet

Correct Answer:- Option-A

Question12:-Ovulation in cattle and buffaloes occurs after the end of oestrus and is preluded by a sharp rise in _____ hormone

A:-Luteinising hormone

B:-Follicle-stimulating hormone

C:-PGF₂ α

D:-Prolactin

Correct Answer:- Option-A

Question13:-Which of the following is not a method of outbreeding?

A:-Outcrossing

B:-Species hybridisation

C:-Grading up

D:-Line breeding

Correct Answer:- Option-D

Question14:-If the nucleus of a newly formed somatic cell in cattle has 60 chromosomes, then the chromosome number in its spermatozoa will be

A:-15

B:-30

C:-60

D:-120

Correct Answer:- Option-B

Question15:-Grass tetany in dairy animals is due to

A:-Calcium deficiency

B:-Imbalances of energy metabolism

C:-Bacterial infection

D:-Magnesium deficiency

Correct Answer:- Option-D

Question16:-The process of fusion of male and female gametes occurring in the oviduct to form a diploid zygote is known as

A:-Flushing

B:-Implantation

C:-Fertilisation

D:-Insemination

Correct Answer:- Option-C

Question17:-Crude protein content of paddy straw could be increased from 3.5% to 7.5% by the addition of

A:-Urea

B:-Sugarcane bagasse

C:-Cassava starch waste

D:-Mango kernel

Correct Answer:- Option-A

Question18:-As per IS 2052 (2009), the minimum crude protein content (%/mass) in Type 1 compounded cattle feed is

A:-18

B:-20

C:-22

D:-24

Correct Answer:- Option-C

Question19:-Which is the cattle breed developed by ICAR-Central Institute for Research on Cattle, Meerut and recognised as the first synthetic dairy cattle breed from India by ICAR-NBAGR in 2024?

A:-Frieswal

B:-Sunandhini

C:-Karan Swiss

D:-Karan Fries

Correct Answer:- Option-A

Question20:-Which of the following is not a recommended nutritional strategy for methane mitigation?

A:-Feeding canola oil at the rate of 4.6% dry matter

B:-Feeding mature grass fodders

C:-Reduced frequency of feeding

D:-Use of total mixed ration (TMR)

Correct Answer:- Option-B

Question21:-Examine the following statements with respect to CIP and find out the

most appropriate option

- i. It ensures uniform treatment of all equipment's by eliminating human error
- ii. Causes less damage to equipment
- iii. It increases the total cost of cleaning
- iv. Reduces contamination

A:-All are correct

B:-i, ii and iii are correct

C:-i, ii and iv are correct

D:-iii and iv are correct

Correct Answer:- Option-C

Question22:-Bacteria responsible for ropiness in milk is

A:-*Alcaligenes viscolactis*

B:-*Pseudomonas fluorescens*

C:-*Pseudomonas syncyanea*

D:-*Serratia marcescens*

Correct Answer:- Option-A

Question23:-The oxidation reduction potential of milk is +0.2 to +0.3 volts. Therefore, spoilage of milk is mainly due to

A:-Anaerobic bacteria

B:-Aerobic bacteria

C:-Both aerobic and anaerobic bacteria

D:-Spore forming bacteria

Correct Answer:- Option-B

Question24:-The addition of starch to milk results in

A:-Lowering of Lactometer leading

B:-Increase in Lactometer reading

C:-Non change in lactometer reading

D:-None of the above

Correct Answer:- Option-B

Question25:-Micro organisms responsible for gassiness in milk

A:-Coliforms

B:-*Clostridium* spp.

C:-*Bacillus*

D:-All of the above

Correct Answer:- Option-D

Question26:-Milk fat is rich in

A:-Unsaturated fatty acids

B:-Saturated fatty acids

C:-Poly unsaturated fatty acids

D:-Mono unsaturated fatty acids

Correct Answer:- Option-B

Question27:-The presence of Alkaline phosphatase in pasteurized milk indicates

A:-In efficient pasteurization

B:-Post pasteurization contamination

C:-Both 1 and 2

D:-High protein content

Correct Answer:- Option-C

Question28:-Examine the statements with respect to casein and select the most appropriate one

i. Casein exists only in milk

ii. It is a phosphoprotein

iii. It is present in the form of calcium caseinate phosphate complex

iv. It cannot be precipitated by acid, rennet and alcohol

A:-only statement (iii) is correct

B:-statements (i) and (ii) are correct

C:-statement (iv) is correct

D:-statement (i), (ii) and (iii) are correct

Correct Answer:- Option-D

Question29:-Examine the following statements and select the most appropriate answer

i. Lecithin forms an important constituent of fat globule membrane

ii. It contributes to the richness in flavor of milk and dairy products

iii. It is not sensitive to oxidative changes

iv. It is an excellent emulsifying agent

A:-statement (i) and (iv) are correct

B:-statements (i), (ii) and (iv) are correct

C:-only statement (iv) is correct

D:-all the statements are not correct

Correct Answer:- Option-B

Question30:-Examine the facts related to bacto-fugation and choose the most appropriate answer

i. Centrifugal force is used to separate bacteria and spores from milk

ii. It is supplementary to pasteurization

iii. It removes 95% of spores in milk

iv. Used in cheese making process to remove clostridial spores

A:-statements (i) and (ii) are correct

B:-Statement (iv) is correct

C:-(i), (ii) and (iii) are correct

D:-All are correct

Correct Answer:- Option-D

Question31:-The full form of HTST is :

- i. High-Temperature Short Test
- ii. High-Time Short Temperature
- iii. High-Temperature Short Time
- iv. Heat Treatment Short Temperature

A:-only (i)

B:-(i) and (ii)

C:-only (iv)

D:-only (iii)

Correct Answer:- Option-D

Question32:-Indirect UHT systems, heating is done by :

- i. Electric heating coil
- ii. Steam injection or infusion
- iii. Hot water jacket.
- iv. Microwave

A:-only ii

B:-only iii

C:-all the above

D:-none of the above

Correct Answer:- Option-A

Question33:-A refrigeration system works primarily on which law of thermodynamics?

- i. Zeroth law
- ii. First law
- iii. Second law
- iv. Third law

A:-only i

B:-i and ii

C:-only iii

D:-all the above

Correct Answer:- Option-C

Question34:-Which of the following refers to the process of identifying potential employees and encouraging them to apply for specific jobs in an organization?

- i. Recruitment
- ii. Selection
- iii. Induction
- iv. Placement

A:-only i

B:-i and ii

C:-only ii

D:-all the above

Correct Answer:- Option-A

Question35:-Which of the following focuses mainly on persuasion and changing consumer attitudes?

- i. Public relations
- ii. Advertising
- iii. Sales management
- iv. Customer support

A:-only i

B:-only ii

C:-i and iii

D:-all the above

Correct Answer:- Option-B

Question36:-ATMA (Agricultural Technology Management Agency) primarily functions at the

- i. National level
- ii. State level
- iii. District level
- iv. Panchayat level

A:-i and ii

B:-only ii

C:-only iii

D:-all the above

Correct Answer:- Option-C

Question37:-Who appoints the Registrar of cooperative societies?

- i. Co-operative Election Authority
- ii. International Cooperative Alliance
- iii. State Government
- iv. Central Government

A:-i and iv

B:-only iii

C:-none of these

D:-all the above

Correct Answer:- Option-B

Question38:-The Kerala State Cooperative Societies Act was passed in the year

- i. 1951
- ii. 1961
- iii. 1956
- iv. 1969

A:-only i

B:-only ii

C:-only iv

D:-none of these

Correct Answer:- Option-C

Question39:-Which of the following is not a secondary tillage implement?

- i. Harrows
- ii. Disc plough
- iii. Cultivator
- iv. Digging hoe

A:-i and iv

B:-only ii

C:-all the above

D:-none of these

Correct Answer:- Option-B

Question40:-The process of entering all transactions from the journal to the ledger is called

- i. Journalizing
- ii. Posting
- iii. Balancing
- iv. Summarizing

A:-only ii

B:-only iv

C:-all the above

D:-none of these

Correct Answer:- Option-A

Question41:-Which of the following statement is not correct as far as fowls are concerned

A:-Air sacs-four paired and one non-paired

B:-There is no functional diaphragm

C:-Four chambered heart

D:-Sense of taste is well developed

Correct Answer:- Option-D

Question42:-Which among the following statement is correct?

A:-Uterus of fowl is 12 cm in length

B:-Shell membranes are formed in magnum

C:-Developing egg remains in uterus for 75 minutes

D:-None of these

Correct Answer:- Option-A

Question43:-Layer phase-2 feeding in commercial layers starts from (BIS 2007)

A:-28 weeks

B:-46 weeks

C:-64 weeks

D:-72 weeks

Correct Answer:- Option-B

Question44:-Which among the following is an American breed of chicken?

A:-Orpington

B:-Jersey Black Giant

C:-Minorca

D:-Leghorn

Correct Answer:- Option-B

Question45:-The following storage condition is not appropriate in an egg storage room

A:-Loss of water due to evaporation must be maximum

B:-The storage room should be free from tainting products

C:-There should be air circulation in the room

D:-None of these

Correct Answer:- Option-A

Question46:-In thermostabilization, the eggs are immersed in water at

A:-60° C for 30 minutes

B:-60° C for 5 minutes

C:-56° C for 30 minutes

D:-56° C for 5 minutes

Correct Answer:- Option-B

Question47:-A group of ducks is called

A:-Flock

B:-Gaggle

C:-Band

D:-Covey

Correct Answer:- Option-C

Question48:-Which of the following statement is not correct as far as quails are concerned?

A:-Peak egg production is reached by 26 weeks

B:-Most of the eggs are laid between 4-8 PM

C:-Average egg weight is 10 g

D:-None of these

Correct Answer:- Option-A

Question49:-Which among the following statement is correct?

A:-Feed consumption of broiler bird up to market age is 1.6 Kg

B:-FCR of commercial broilers is 1.65

C:-Both 1 and 2 are correct

D:-Dressing yield of commercial broiler is 85%

Correct Answer:- Option-B

Question50:-Which among the following statement is wrong?

A:-Chicken has no lips

B:-Chicken has no soft palate

C:-Chicken has no cheeks

D:-Chicken has no upper and lower horny mandible

Correct Answer:- Option-D

Question51:-Which among the following is a sex limited trait?

A:-Slow feathering

B:-Barring

C:-Egg production

D:-None of these

Correct Answer:- Option-C

Question52:-Example of a lowly heritable trait in poultry

A:-Body weight

B:-Egg weight

C:-Egg quality

D:-Egg production

Correct Answer:- Option-D

Question53:-The type of mating method in which the males are kept separately in a pen and females are brought in to that pen for mating

A:-Shift mating

B:-Stud mating

C:-Pen mating

D:-Flock mating

Correct Answer:- Option-B

Question54:-Crossing of a hybrid with one of its parents is called

A:-Parent crossing

B:-Back cross

C:-Top cross

D:-Criss cross

Correct Answer:- Option-B

Question55:-Which among the following statement is false regarding the storage of hatching eggs?

A:-Eggs from young maternal flock can be stored more than those from old flocks

B:-Hatching eggs need to be kept at lower temperature (10-12°C) if stored more than 7 days

C:-Relative humidity during storage of hatching eggs should be 70-80%

D:-Incubation period is reduced by 1 hour for every day of storage

Correct Answer:- Option-D

Question56:-Soft chicks are observed due to

A:-High humidity in the incubator

B:-Low temperature in the incubator

C:-Both 1 and 2

D:-None of these

Correct Answer:- Option-C

Question57:-Which among the following statement is wrong with respect to battery brooding of chicks?

A:-Housing density is high

B:-Handling of fecal matter is easy

C:-There will be no litter borne diseases

D:-Initial investment is high

Correct Answer:- Option-B

Question58:-A poultry farmer has 2000 White Leghorn hens on the first of April 2025. He culled 100 birds on 15th of the month and sold 500 birds on 30th of the month. The total egg production for the month was 30000. Calculate the total egg production on hen housed basis

A:-15

B:-0.66

C:-20

D:-21.43

Correct Answer:- Option-A

Question59:-Which of the following parameter is not suitable for an incubator which hatch eggs?

A:-Relative Humidity 60%

B:-Temperature 37.6°C

C:-Oxygen 21%

D:-Carbon dioxide 5%

Correct Answer:- Option-D

Question60:-Which of the following statement is wrong regarding Marek's disease?

A:-Caused by Circovirus

B:-Lymphoproliferative disease of chicken

C:-Sciatic nerves are affected resulting in paralysis of wings and legs

D:-Incubation period is generally 3-4 weeks

Correct Answer:- Option-A

Question61:-Which of the following statements are correct?

- i. Probiotics are beneficial living microorganisms that colonise the intestines of animals
- ii. Probiotics increase the total surface area of intestinal villi, which enhances nutrient absorption
- iii. Probiotics are commonly added as a feed supplement in poultry feed production
- iv. The combination of probiotics and prebiotics is known as synbiotics

A:-only (i, ii and iii)

B:-only (i, ii and iv)

C:-only (i,iii and iv)

D:-all of the above (i, ii, iii and iv)

Correct Answer:- Option-B

Question62:-Match the following table containing feed ingredients to their primary use in poultry feed

Ingredient	Primary use
1. Maize	a. Protein source of animal origin
2. Soybean meal	b. Mineral source
3. Fish meal	c. Protein source of plant origin
4. Shell grit	d. Energy source

A:-1-c, 2-a, 3-d, 4-b

B:-1-c, 2-a, 3-b, 4-d

C:-1-d, 2-c, 3-a, 4-b

D:-1-d, 2-a, 3-c, 4-b

Correct Answer:- Option-C

Question63:-Which of the following statements are correct?

- i. Pearson's square method is commonly employed for formulation of feed.
- ii. Phase feeding is a widely adopted practice in commercial layer farming
- iii. *Ad libitum* feeding is practised in broiler breeder management.

A:-only (i and ii)

B:-only (i and iii)

C:-only (ii and iii)

D:-all of the above (i, ii and iii)

Correct Answer:- Option-A

Question64:-Match the following table containing diseases of poultry with their causative organisms

Disease	Causative organism
1. Marek's disease	a. Round worm
2. Coccidiosis	b. Gallid Herpesvirus
3. Ascariasis	c. <i>Pasteurella multocida</i>
4. Fowl Cholera	d. Protozoa

A:-1-b, 2-c, 3-a, 4-d

B:-1-b, 2-d, 3-a, 4-c

C:-1-c, 2-d, 3-b, 4-a

D:-1-c, 2-a, 3-d, 4-b

Correct Answer:- Option-B

Question65:-Which statement is **wrong** about IBD in chicken?

- i. It is a bacterial disease that results in immune suppression
- ii. IBD can be controlled by vaccination
- iii. IBD vaccination is not necessary for broiler chickens, as the disease not typically observed in young chickens up to 6 weeks of age

A:-only i and ii

B:-only i and iii

C:-only ii and iii

D:-all of the above i, ii and iii

Correct Answer:- Option-B

Question66:-Which of the following statements are correct regarding biosecurity?

- i. Biosecurity involves practices to prevent the introduction and spread of diseases in poultry farms and environments
- ii. Isolation and quarantine are important biosecurity measures in poultry farming
- iii. Culling of unproductive birds is a biosecurity measure practiced in layer farms

A:-only i and ii

B:-only i and iii

C:-only ii and iii

D:-all of the above i, ii and iii

Correct Answer:- Option-A

Question67:-Find out correct order of the processing of chicken

A:-Shackling-Antemortem Inspection - Stunning - Bleeding - Singeing - Defeathering - Scalding - Evisceration - Postmortem Inspection - Chilling -Packing

B:-Shackling-Antemortem Inspection - Stunning - Bleeding - Scalding - Singeing - Defeathering - Evisceration - Chilling - Packing

C:-Shackling-Antemortem Inspection - Stunning - Bleeding - Scalding -

Defeathering - Singeing - Postmortem Inspection - Evisceration - Chilling -Packing

D:-Shackling-Antemortem Inspection - Stunning - Bleeding - Scalding -
Defeathering - Singeing - Evisceration - Postmortem Inspection - Chilling -Packing

Correct Answer:- Option-D

Question68:-Which of the following statements are correct regarding egg quality?

- i. The height of thick albumen is a direct indicator of albumen quality
- ii. Ames' tripod stand is used to measure the height of albumen and yolk.
- iii. A screw gauge is used to measure the length and breadth of the egg albumen

A:-only i and ii

B:-only i and iii

C:-only ii and iii

D:-all of the above i, ii and iii

Correct Answer:- Option-A

Question69:-Which of the following statements are correct regarding chicken processing?

- i. Giblets are the edible viscera of chicken, which include the heart, liver, gizzard and spleen
- ii. Cut-up parts of chicken include the breast, wings, back thighs and drumsticks
- iii. Further processing of chicken involves the value addition of chicken meat to make products like sausages, nuggets and cutlets

A:-only i and ii

B:-only i and iii

C:-only ii and iii

D:-all of the above i, ii and iii

Correct Answer:- Option-C

Question70:-Choose the group containing only essential amino acids

- i. Lysine, Methionine, Tryptophan, Arginine, Isoleucine, Histidine
- ii. Lysine, Methionine, Tryptophan, Arginine, Alanine, Glutamic Acid
- iii. Lysine, Methionine, Alanine, Arginine, Histidine, Aspartic acid

A:-only i

B:-only ii

C:-only i and ii

D:-only ii and iii

Correct Answer:- Option-A

Question71:-Romanowski stains are compound stains containing Eosin and Methylene blue. Identify the correct statement regarding the component dyes in Romanowski stains

A:-Methylene blue is the acidic dye which stains the nucleus

B:-Eosin is the basic dye which stains the cytoplasm

C:-Methylene blue is the basic dye which stains the nucleus

D:-None of the above

Correct Answer:- Option-C

Question72:-Halter shaped gamonts in RBSs is diagnostic of infection with

A:-*Haemoproteus* sp.

B:-*Ehrlichia* sp.

C:-*Histomonas* sp.

D:-None of the above

Correct Answer:- Option-A

Question73:-Pick the wrong statement regarding the fleas

A:-Laterally compressed body

B:-Incomplete lifecycle

C:-Piercing and sucking mouth parts

D:-Some species have combs

Correct Answer:- Option-B

Question74:-Match the following

- | | |
|---------------------------|---|
| 1. <i>Sarcophaga</i> spp. | a. Short three segmented antenna |
| 2. <i>Aedes</i> spp. | b. Blue-green metallic sheen in the body |
| 3. <i>Tabanus</i> spp. | c. Chess board appearances of the abdomen |
| 4. <i>Chrysomia</i> spp. | d. White bands in the legs |

A:-1-b, 2-d, 3-a, 4-c

B:-1-c, 2-d, 3-a, 4-b

C:-1-c, 2-a, 3-b, 4-d

D:-1-d, 2-b, 3-a, 4-c

Correct Answer:- Option-B

Question75:-The counter stage used in Modified Ziehl-Neelsen staining

A:-Eosin

B:-Methylene blue

C:-Carbol fuchsin

D:-Giemsa

Correct Answer:- Option-B

Question76:-The state of *Theileria annulata* seen in lymphnode smears

A:-Piroplasms

B:-Trophozoites

C:-Kochs blue bodies

D:-Gamonts

Correct Answer:- Option-C

Question77:-Thick shelled, gelatin capsule shaped ova with fully developed larva

inside

A:-Strongyloides ova

B:-Strongyle ova

C:-Ascarid ova

D:-Spirurid ova

Correct Answer:- Option-D

Question78:-A preservative used for faecal samples

I. Formalin

II. Polyvinyl alcohol

III. Normal saline

IV. Sodium Acetate-Acetic Acid-Formalin

A:-I, II, III

B:-II, III, IV

C:-I, III, IV

D:-I, II, IV

Correct Answer:- Option-D

Question79:-Microfilariae of which filariid worms are sheathed

A:-*Brugia* spp.

B:-*Dirofilaria* spp.

C:-Both 1 and 2

D:-None

Correct Answer:- Option-A

Question80:-The role of ether in formol ether technique

A:-Fixative

B:-Floats the eggs

C:-Dissolves fat

D:-Stains the ova

Correct Answer:- Option-C

Question81:-Which is not a preferred site for blood collection in cats

a. jugular vein

b. ear vein

c. tail vein

d. saphenous vein

A:-only a

B:-all the above

C:-only c

D:-both a and b

Correct Answer:- Option-C

Question82:-Which is correct with regard to vacutainer tubes?

- a. The red colour code vacutainer are meant for collection of serum
- b. The green colour code is of CBC
- c. The light blue colour code is for coagulation tests

A:-all the above

B:-none of these

C:-only a and c

D:-only b and c

Correct Answer:- Option-A

Question83:-In haematology, MCV stands for

A:-Mast cell volume

B:-Mean cell volume

C:-Mean corpuscular volume

D:-Mononuclear cell variant

Correct Answer:- Option-C

Question84:-The CMT is a test to detect _____ type of mastitis.

- a. Clinical
- b. Subclinical
- c. Sub-acute
- d. Chronic

A:-both a and b

B:-both c and d

C:-only b

D:-only c

Correct Answer:- Option-C

Question85:-A blood smear for differential count is most commonly stained by

- a. H&E
- b. Wrights stain
- c. Field stain

A:-both b and c

B:-only b

C:-all a, b and c

D:-both a and c

Correct Answer:- Option-B

Question86:-In microscopy, glycerol saline is not a preferred mountant for

- a. blood smear
- b. brain impression
- c. skin scraping

A:-only b

B:-both a and b

C:-both b and c

D:-both a and c

Correct Answer:- Option-D

Question87:-Cryotome is an instrument for

A:-Cutting frozen organs

B:-Cutting frozen tissue section

C:-Embedding of frozen tissue

D:-Embedding tissue with paraffin

Correct Answer:- Option-B

Question88:-In histopathology the pink colour of the stained tissue is due to

A:-Silver stain

B:-Methylene blue

C:-Reticular stain

D:-Eosin

Correct Answer:- Option-D

Question89:-Formalin is the most common tissue fixative which contains

A:-40% formol saline

B:-10% formol saline

C:-40% formaldehyde

D:-10% formaldehyde

Correct Answer:- Option-C

Question90:-In laboratory technology CSF examination is the examination of

A:-Corneospinal fluid

B:-Cerebrospinal fluid

C:-Cellular spinal fluid

D:-Carbonated spinal fluid

Correct Answer:- Option-B

Question91:-Below mentioned diseases are zoonotic, except

A:-Anthrax

B:-Leptospirosis

C:-Brucellosis

D:-Foot and mouth disease

Correct Answer:- Option-D

Question92:-Identify the wrong statement on the different types of microscope

A:-In a dark field microscopic cedar wood oil is placed between the condenser and the slide

B:-When bacteria are viewed using a phase contrast microscope, they appear bright against a dark background

C:-In confocal microscope, the illumination, specimen and detection system are in the same focus

D:-Scanning electron microscopy provides three dimensional images of surfaces of objects

Correct Answer:- Option-B

Question93:-In IMViC test, "C" stands for

A:-Catalase test

B:-Coagulase test

C:-Citrate test

D:-CAMP test

Correct Answer:- Option-C

Question94:-On performing biochemical tests, *Escherichia coli* produces

- i. Metallic green sheen on eosin methylene blue agar
- ii. Non-lactose fermenting colonies on Mac-Conkey agar
- iii. Catalase positive and oxidase negative
- iv. Fermentative reaction of OF test

A:-only iii

B:-only ii

C:-both i and ii

D:-i, iii and iv

Correct Answer:- Option-D

Question95:-Below mentioned are the different routes of egg inoculation techniques to isolate virus, except

A:-Yolk sac route

B:-Intravenous route

C:-Subcutaneous route

D:-Allantoic route

Correct Answer:- Option-C

Question96:-Identify the statement that correctly describes the following serological techniques

- i. Soluble antigen is used in agglutination test
- ii. Particulate antigen is used in precipitation test
- iii. ELISA can be used to detect both antigen and antibody
- iv. FAT stands for Fast antibody test

A:-only iii

B:-only ii

C:-both i and ii

D:-i, ii and iv

Correct Answer:- Option-A

Question97:-A molecular diagnostic test used in microbiology

A:-Mancini test

B:-Polymerase chain reaction

C:-Complement fixation test

D:-Rose Bengal plate test

Correct Answer:- Option-B

Question98:-The headquarters of Food safety and standards authority of India (FSSAI) is located at

A:-Chennai

B:-New Delhi

C:-Mumbai

D:-Hyderabad

Correct Answer:- Option-B

Question99:-Commonly used fungal staining technique is

A:-Lactophenol cotton blue staining

B:-Gram's staining

C:-Acid fast staining

D:-Negative staining

Correct Answer:- Option-A

Question100:-Identify the matched statement about sterilization

- | | | |
|----------------------|---|------------------------------|
| i. Autoclave | - | dry heat |
| ii. Hot air oven | - | moist heat |
| iii. Disinfectants | - | Phenol coefficient |
| iv. Membrane filters | - | To filter cell culture media |

A:-only i

B:-only ii

C:-both iii and iv

D:-both i and ii

Correct Answer:- Option-C