

LABORATORY TECHNICIAN GRADE II,ANIMAL HUSBANDRY

EXAM DATE:11-08-2015

1.Muller's method is used for demonstrating:

- A.Flagella
- B.Pili
- C.Capsule*
- D.Spore

Ans:C

2.In automated blood cell analyser blood cells are count by:

- A.Impedance*
- B.Absorbance
- C.Transmittance
- D.Refraction

Ans:A

3.Which of the following factor increases ESR Value:

- A.Albumin
- B.Spherocyte
- C.Microcyte
- D.Cholesterol*

Ans:D

4.Blood carrying capacity of Sahl's pipette:

- A.0.2 ml
- B.0.02 ml*
- C.2 ml

D.20 ml

Ans:B

5.Which of the following is not a red cell indices?

A.MCH

B.MCD

C.MCP*

D.MCHC

Ans:C

6.Serum differs from plasma due to absence of:

A.Fibrinogen*

B.Globulin

C.Thromboplastin

D.Prothrombin

Ans:A

7.In autoclave,sterilization occurs at:

A.Moist heat at 100⁰C

B.Moist heat above 100⁰C*

C.Moist heat below 100⁰C

D.Moist heat at 160⁰C

Ans:B

8.An example of blood parasite:

A.Entamoeba

B.Giardia

C.Plasmodium*

D.Taenia

Ans:C

9. Abnormal constituent present in urine during starvation:

A.Ketone bodies*

B.Protein

C.Bile salts

D.Sugar

Ans:A

10. Most of the human pathogenic bacteria belongs to:

A.Carboxy philic bacteria

B.Psychrophilic bacteria

C.Mesophilic bacteria*

D.Thermophilic bacteria

Ans:C

11. The blood product used for the treatment of haemophilic patients:

A.FFP

B.Cryoprecipitate*

C.Packed red cell

D.PRP

Ans:B

12. Hormone detected in pregnancy test:

A.Oestrogen

B.FSH

C.ICSH

D.HCG*

Ans:D

13.The immediate precursor of RBC:

A.Myelocyte

B.Megakaryo blast

C.Reticulocyte*

D.Thrombocyte

Ans:C

14.-----are called universal donor.

A.O gp*

B.AB GP

C.A gp

D.B gp

Ans:A

15.NPN substance present in blood:

A.Glucose

B.Albumin

C.Urea*

D.Cholesterol

Ans:C

16.An example for explosive chemical:

A.KCN

B.Picric acid*

C.Acetic acid

D.Benzidine

Ans:B

17.The only artery which carry impure blood:

A.Coronary artery

B.Renal artery

C.Hepatic artery

D.Pulmonary artery*

Ans:D

18.Buffy coat contains:

A.Leucocyte and platelets*

B.Erythrocyte and platelets

C.Platelets only

D.Leucocyte and erythrocyte

Ans:A

19.Structural and functional unit of Nervous system:

A.Nephron

B.Venticle

C.Gyri

D.Neuron*

Ans:D

20.Eosinophilia seen in:

A.Typhoid

B.Pneumonia

C.Asthma*

D.Chicken pox

Ans:C

21.The magnification of High Power objective

A.10 X

B.5 X

C.100 X

D.45 X*

Ans:D

22.Specific gravity of urine can be measured using:

A.Urinometer*

B.Spectro photometer

C.Lactometer

D.Colorimeter

Ans:A

23.Arrangement of RBC in pile of coins is called:

A.Agglutination

B.Osmotic fragility

C.Rouleaux formation*

D.Sensitisation

Ans:C

24.Selective medium for M.tuberculosis:

A.TBA

B.L.J.Medium*

C.MNYC medium

D.XLD

Ans:B

25.Confirmatory test for AIDS:

A.ELISA

B.Southern blot

C.Western blot*

D.PCR

Ans:C

26.Reabsorption of sodium in renal tubule under the influence of:

A.Serotonin

B.Melanin

C.ADH

D.Aldosterone*

Ans:D

27.Breakdown product obtained by Haemoglobin metabolism:

A.Bilirubin*

B.Acetone

C.Urea

D.Creatinine

Ans:A

28.The bacteria arranged in Chinese letter pattern:

A.Chlostridium tetani

B.Campylo bacter

C.Brucella

D.Corynebacterium diphtheria*

Ans:D

29.Weil's disease is related to:

A.Toxoplasma

B.Yersinia

C.Leptospira*

D.Borrelia

Ans:C

30.Glucose memory test is the estimation method of:

A.Hb A

B.HB A₁C*

C.HB A₁S

D.Meth Hb

Ans:B

31.Sterilization method for antibiotic solution:

A.Ultrasonic vibration

B.Inspissation

C.Radiation

D.Filtration*

Ans:D

32.The fluid seen in subarachnoid space:

A.Pleural fluid

B.Synovial fluid

C.Cerebro spinal fluid*

D.Peri cardial fluid

Ans:C

33.Digestive enzyme present in salive:

A.Ptyalin*

B.Rennin

C.Tryptsin

D.Pepin

Ans:A

34.Estimination of serum creatinine is based on:

A.Vanden Bergh Reaction

B.Berthlot reaction

C.Enzymatic reaction

D.Jaffe's reaction*

Ans:D

35.The term used for the reproductibility of a test:

A.Sensitivity

B.Accuracy

C.Precision*

D.Bias

Ans:C

36.In hypotonic saline RBC shows:

A.Haemolysis*

B.No change

C.Shrinks

D.Adheres

Ans:A

37.Colouring agent in Blood grouping antisera B:

A.Methylene blue

B.Eosin

C.Malachite green

D.Acriflavin*

Ans:D

38.Incomplete R^h antibodies are demonstrated by:

A.Direct Coombi Test

B.Cross matching

C.Indirect Coombi Test*

D.R^h typing

Ans:C

39.Test used to differentiate staphylococci from streptococci:

A.Catalase*

B.Coagulase

C.Oxidase

D.Urease

Ans:A

40.The organelle analogous to mitochondria seen in a bacterial cell:

A.Mesosomes*

B.Ribosomes

C.Polysomes

D.Acrosome

Ans:A

41.A Haematological disorder due to the reduction in alpha or beta Haemoglobin chain:

A.HDN

B.Thalassaemia*

C.Aplastic anaemia

D.Polyctythaemia

Ans:B

42.Reagent used for the demonstrating fungus:

A.NaOH

B.NaCl

C.KCl

D.KOH*

Ans:D

43.Most commonly used dehydrating agent in histopathology:

A.Methanol

B.Ethanol

C.Isopropyl alcohol*

D.Butanol

Ans:C

44.The gland having both endocrine and exocrine function:

A.Liver

B.Brunner's gland

C.Cowper's gland

D.Pancreas*

Ans:D

45.Suicidal bag:

A.Golgibodies

B.Centrosomes

C.Lysosomes*

D.Ribosomes

Ans:C

46.Life span of RBC:

A.210 days*

B.40 days

C.10 days

D.60 days

Ans:A

47.The normal albumin to Globulin ratio is:

A.1:2

B.3:1

C.3:2

D.2:1*

Ans:D

48.Punctuate Basophilia is a characteristic feature seen in:

A.Splenectomy

B.Sickle cell anaemia

C.Metal poisoning*

D.Haemolytic anaemia

Ans:C

49.The confirmatory test for SLE:

A.Solubility test

B.ASO test

C.RNA test

D.ANA test*

Ans:D

50.Estimination of CSF protein by:

A.Pandy's test*

B.Brad Shaw's test

C.Hay's test

D.Blurette test

Ans:A

51.Good cholesterol is:

A.VLDL

B.LDL

C.HDL*

D.Triglyceride

Ans:C

52.Variation in size of RBC:

A.Poikilocytosis

B.Anisocytosis*

C.Spherocytosis

D.Leptocytosis

Ans:B

53.Instrument for measurement of BP:

- A.Thermometer
- B.Barometer
- C.Sphygmomanometer*
- D.Manometer

Ans:C

54.The longest bone:

- A.Femur*
- B.Scapula
- C.Tibia
- D.Humerus

Ans:A

55.Test done to investigate Rhumatoid arthritis:

- A.Widal test
- B.Schik test
- C.Rose Waaler test*
- D.Immuno fluorescence test

Ans:C

56.The antibody which can cross placental barrier:

- A.Ig N
- B.Ig G*
- C.Ig D
- D.Ig A

Ans:B

57.Negative staining is used for the demonstration of:

A.Cryptococci*

B.Gonococci

C.Micrococci

D.Meningo cocci

Ans:A

58.Black water fever is caused by:

A.P.Vivax

B.P.ovale

C.P.Falciparum*

D.P.Malariae

Ans:C

59.An example of non-motile bacteria:

A.Salmonella

B.Klebsiella*

C.Vibrio

D.Proteus

Ans:B

60.Parasite showing Retroinfection:

A.Trichuris trichura

B.Ascaris

C.Ancylostoma

D.Enterobius*

Ans:D

61.Medium suitable for ABST is:

A.CA

B.BA

C.MHA*

D.DCA

Ans:C

62.In Gram staining Iodine is used as a:

A.Decolouriser

B.Fixative

C.Buffer

D.Mordant*

Ans:D

63. A test done in pregnant ladies having diabetic family history:

A.GCT*

B.CT

C.APTT

D.GTT

Ans:A

64.Inactivation of compliment in serum by:

A.By heating at 37°C for 1 hr

B.By heating at 100°C for 30 mts

C.By heating at 56°C for 30 mts*

C.By heating at 120°C for 15 mts

Ans:C

65.Mc Intosh Flides Jar is used for the cultivation of:

A.Aerobic bacteria

B.Halophilic bacteria

C.Acid fast bacteria

D.Anaerobic bacteria*

Ans:D

66.The Normal Glomerular filtration rate is:

A.2 ml/minute

B.2 ml/sec*

C.2 litre/minute

D.2 litre/sec

Ans:B

67.-----is the causative agent of syphilis.

A.Salmonella typhi

B.Streptococci

C.Treponema pallidum*

D.Sarcinia

Ans:C

68.A platelet diluting fluid:

A.Rees-Ecker solution*

B.Hingle Mann's fluid

C.Dunger's fluid

D.Hayem's fluid

Ans:A

69.Bombay blood group can be detected by:

A.Cell grouping

B.Cross matching

C.Serum grouping*

D.R^h typing

Ans:C

70.Father of Microbiology:

A.Edward Jenner

B.Louis Pasteur*

C.Rober Koch

D.Rober Hook

Ans:B

71.Staining method for the demonstration of hormonal status in cytology:

A.Shorr's stain*

B.Albert's stain

C.Glemsa stain

D.Pap's stain

Ans:A

72.CAMP test is used for the identification of:

A.M.pneumoniae

B.Strep.agalactiae*

C.Strep pneumonia

D.Staph.aureus

Ans:B

73.The abnormal urinary protein seen in Multiple myeloma:

A.Albumin

B.Bence-Jones Protein*

C.Peptidoglycan

D.C-reactive protein

Ans:B

74.In Westergren's method of ESR estimation the anticoagulant and blood used in the ratio:

A.4:1

B.1:9

C.9:1

D.1:4*

Ans:D

75.Beer's-Lambert's law is the working principle of:

A.Spirometer

B.Glucometer

C.Colorimeter*

D.Albuminometer

Ans:C

76.Largest WBC:

A.Lymphocyte

B.Monocyte*

C.Histocyte

D.Leptocyte

Ans:B

77.Study of joints is called:

A.Cytology

B.Osteology

C.Arthrology*

D.Mycology

Ans:C

78.H₅N₁is a:

- A.Prot ozone disease
- B.Viral disease*
- C.Fungal disease
- D.Bacterial disease

Ans:B

79.The Normal Sperm Count is:

- A.80-160 million/ml*
- B.20-40 million/ml
- C.4.5-6 million/ml
- D.100-140 million/ml

Ans:A

80.Anticoagulant of choice in Haematology:

- A.ACD
- B.CPD-A
- C.EDTA*
- D.CPD

Ans:C

81.Odakkuzhal award winner of 2013:

- A.M.K.Sanu
- B.Prabhavarma
- C.M.T.Vasudevan Nair
- D.K.R.Meera*

Ans:D

82.'Kanneerum Kinavum' related to:

A.V.T.Bhattathirippad*

B.Chattampi Swamikal

C.Brahmananda Sivayogi

D.Ayya Vaikundar

Ans:A

83.Keralamam'was the contribution of:

A.English

B.Dutch*

C.Chinese

D.Portuguese

Ans:B

84.The period of 12th Five Year Plan belongs:

A.2010-2015

B.2011-2016

C.2012-2017*

D.2013-2018

Ans:C

85.E.V.Ramaswami Naikar,the social reform leader of Tamil Nadu came to Kerala in connection with:

A.Kayyur revolt

B.Quit India revolt

C.Salt sathyagraha

D.Vaikkom sathyagraha*

Ans:D

86.The author of'Darsanamala':

A.Kumara Guru

B.Sree Narayana Guru*

C.Sankaracharya

D.Kumaranasan

Ans:B

87.Who was the leader of the revolt of 1857 in Delhi?

A.Bahadursha II*

B.Bahadurkhan

C.Maulavi Ahammadulla

D.Kunvarsingh

Ans:A

88.Planning Commission in India was established on:

A.1948

B.1951

C.1952

D.1950*

Ans:D

89.Nobel Prize Winner of Economics in 2014:

A.Eric Betzig

B.Eugene Fama

C.Jean Tirole*

D.Alvin E.Roth

Ans:C

90.The Temole Entry proclamation of Kochi was issued in the year:

A.1936

B.1947

C.1949

D.1948*

Ans:D

91.Seismology is the study of:

A.Earth quakes*

B.Fossils

C.Rocks

D.Rivers

Ans:A

92.Incheon,the Asian games venue of 2014 situated in:

A.North Korea

B.South Korea*

C.South Africa

D.Germany

Ans:B

93."Give me blood,in turn I will give you freedom"Who says this?

A.Bhagatsingh

B.Chandrasekhar Azad

C.Subhash Chandra Bose*

D.Balagangadhara Tilak

Ans:C

94.Who wrote'Jathikkummi?'

A.Pandit Karuppan*

B.Ayyankali

C.Swami Vivekananda

D.Vagbhananda

Ans:A

95.The ‘Sahodara Prasthanam’ started by:

A.C.Krishnan

B.K.Ayyappan*

C.T.K.madhavan

D.K.Kelappan

Ans:B

96.’Heliocentric theory’was put forwarded by:

A.Issac Newton

B.Charles Darwin

C.Albert Einstein

D.Copernicus*

Ans:D

97.The first textile mill was started in:

A.Surat

B.Madras

C.Bombay*

D.Rishra

Ans:C

98.Telengana state was formed in:

A.2 June 2014*

B.12 July 2014

C.4 Mar 2014

D.5 August 2014

Ans:A

99.Libert Bill controversy took place during the viceroyalty of:

A.Lord Canning

B.Lord Ripon*

C.Lord Lytton

D.Lord Dufferin

Ans:B

100.'Mangalyan'related to:

A.Sun

B.Venus

C.Mars*

D.Saturn

Ans:C