

Group of Paper :: BVSc & AH

Q. No. 1 0041001	Two genes of two different traits located on the same chromosomes are called
Option A	Alleles
Option B	Linked
Option C	Segregated
Option D	Intermediate
Correct Option	B

Q. No. 2 0041002	Purple coloured comb, wattles and tongue are characteristics of which breed of poultry
Option A	Aseel
Option B	Chittagong
Option C	Kadaknath
Option D	None of the above
Correct Option	C

Q. No. 3 0041003	Reappearance of ancestral but not parental trait after several generations is called
Option A	Atavism
Option B	Autogamy
Option C	Asynapsis
Option D	Amphidiploids
Correct Option	A

Q. No. 4 0041004	Fraction of all alleles that occur at a given locus in a specified population is defined as
Option A	Variation
Option B	Heritability
Option C	Gene frequency
Option D	Regression
Correct Option	C

Q. No. 5 0041005	Repeatability is an important parameter needed for estimation of
Option A	Most probable breeding value
Option B	Genetic correlation
Option C	Phenotypic correlation
Option D	Heritability
Correct Option	C

Q. No. 6	Single stranded DNA is found in
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0041006	
Option A	TMV
Option B	Bacteria
Option C	OX174
Option D	Salmonella
Correct Option	C

Q. No. 7 0041007	Fragmentation of nucleus is known as
Option A	Karyoschisis
Option B	Karyorhexis
Option C	Karyolysis
Option D	Chromatolysis
Correct Option	B

Q. No. 8 0041008	The ciliated simple columnar cells are found in mucosa of the _____ uterus and small bronchi
Option A	Uterus
Option B	Kidney
Option C	Oviduct
Option D	Pancreas
Correct Option	C

Q. No. 9 0041009	The cells occurring in the organ of Corti and anterior epithelium of lens of eye are simple _____ type
Option A	Pseudostratified
Option B	Columnar
Option C	Cuboidal
Option D	Transitional
Correct Option	C

Q. No. 10 0041010	The endometrium of uterus in mare is lined by _____ cells
Option A	Cuboidal
Option B	Simple columnar
Option C	Pseudostratified
Option D	None of the above
Correct Option	B

Q. No. 11 0041011	The mucosa of the oviduct in cows is lined by _____ epithelium
Option A	Pseudostratified
Option B	Columnar
Option C	Ciliated
Option D	All of the above

Correct Option	B
Q. No. 12 0041012	The sertoli cells are set to secrete
Option A	Estrogen
Option B	Progesterone
Option C	Testosterone
Option D	None
Correct Option	D
Q. No. 13 0041013	The commonest cell of the loose connective tissue is _____
Option A	Fibrocytes
Option B	Normocytes
Option C	Monocytes
Option D	Astrocytes
Correct Option	A
Q. No. 14 0041014	The elastic fibres stain _____ with resorcin or orcin
Option A	Light pink
Option B	Blue
Option C	Violet
Option D	Light green
Correct Option	A
Q. No. 15 0041015	Definitive host of <i>Toxoplasma gondii</i> is
Option A	Man
Option B	Dog
Option C	Cat
Option D	Bird
Correct Option	C
Q. No. 16 0041016	Presence of head crown is an important feature of
Option A	<i>Taenia sp.</i>
Option B	<i>Echinostoma sp.</i>
Option C	<i>Anoplocephala sp.</i>
Option D	None of the above
Correct Option	B
Q. No. 17 0041017	IgA is predominant immunoglobulin found in
Option A	Blood

Option B	Tissue
Option C	Secretions
Option D	None
Correct Option	C

Q. No. 18 0041018	Cell mediated immune response requires
Option A	Beta cell activation
Option B	T cell activation
Option C	Macrophage cell activation
Option D	none of the above
Correct Option	C

Q. No. 19 0041019	Largest nematode which has no buccal capsule is
Option A	<i>Ascaris suum</i>
Option B	<i>Heterakis gallinarum</i>
Option C	<i>Toxocara canis</i>
Option D	<i>Ascaridia galli</i>
Correct Option	A

Q. No. 20 0041020	Which is whip worm?
Option A	<i>Tenia ovis</i>
Option B	<i>Tricuris globulosa</i>
Option C	<i>Trichinella spiralis</i>
Option D	All the above
Correct Option	B

Q. No. 21 0041021	Which protozoa is leaf like and single flagella is attached to the body by an undulating membrane
Option A	<i>Emania isophora</i>
Option B	Trypanosome
Option C	Balantidium
Option D	All the above
Correct Option	B

Q. No. 22 0041022	Kala azar of dum dum fever is caused by
Option A	<i>Leishmania donovani</i>
Option B	<i>Leishmania tropica</i>
Option C	Both (<i>Leishmania donovani</i>) and (<i>Leishmania tropica</i>)
Option D	None of the above
Correct Option	A

Q. No. 23 0041023	Signet ring stage of plasmodium occurs in
Option A	Vertebrates
Option B	Arthropodes
Option C	Both (Vertebrates) and (Arthropodes)
Option D	None of the above
Correct Option	A

Q. No. 24 0041024	Which parasite occurs in the cell of circulatory system of vertebrates?
Option A	Hepatdozoon
Option B	Eimeria
Option C	Isopora
Option D	Toxoplasma
Correct Option	A

Q. No. 25 0041025	Enzymes cannot be synthesised by
Option A	Virus
Option B	Mycoplasma
Option C	Clamydia
Option D	Visus and Clamydia
Correct Option	A

Q. No. 26 0041026	The smallest animal virus known as
Option A	Rabies virus
Option B	Rota virus
Option C	Blue tongue virus
Option D	FMD virus
Correct Option	D

Q. No. 27 0041027	The bacteriophage is discovered by
Option A	Loeffler and Frosch
Option B	Pasteur
Option C	Twort and d' Herelle
Option D	Ivanosky
Correct Option	C

Q. No. 28 0041028	The common name of Trichuris is
Option A	Guinea worm
Option B	Pin worm
Option C	Eye worm
Option D	Whin worm

Correct Option	D
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Q. No. 29 0041029	Commonest liver fluke in India is
Option A	Fasciola hepatica
Option B	Fasciola gigantica
Option C	Fasciola busci
Option D	None of the above
Correct Option	B

Q. No. 30 0041030	Ascaris competes with host for
Option A	Protein
Option B	Minerals
Option C	Fats
Option D	Carbohydrates
Correct Option	D

Q. No. 31 0041031	Which Theileria is transmitted by <i>Ixodes persulcatus</i> ticks?
Option A	<i>Theileria annulata</i>
Option B	<i>T. parva</i>
Option C	<i>T. hirci</i>
Option D	<i>T. tarandi</i>
Correct Option	D

Q. No. 32 0041032	Pear shaped organism lies in pair forming an acute angle in RBC is
Option A	Babesia
Option B	Theileria
Option C	Leucocytozoon
Option D	Trypanosome
Correct Option	A

Q. No. 33 0041033	Seminal vesicles and cowpers glands are absent in
Option A	Horse
Option B	Cow
Option C	Pig
Option D	Dog
Correct Option	D

Q. No. 34 0041034	Utero-ovarian artery is a branch of
Option A	Abdominal aorta

Option B	Coeliac artery
Option C	Internal iliac artery
Option D	External artery
Correct Option	A

Q. No. 35 0091035	Oxidation of which substance in the body yields the most calories
Option A	Glucose
Option B	Glycogen
Option C	Protein
Option D	Lipids
Correct Option	D

Q. No. 36 0091036	Which vitamin is deficient in milk?
Option A	Vitamin C
Option B	Vitamin A
Option C	Vitamin B2
Option D	Vitamin K
Correct Option	A

Q. No. 37 0091037	Which mineral is deficient in milk?
Option A	Phosphorus
Option B	Sodium
Option C	Iron
Option D	Potassium
Correct Option	C

Q. No. 38 0091038	HDL is synthesized and secreted from
Option A	Pancreas
Option B	Liver
Option C	Kidney
Option D	Muscle
Correct Option	B

Q. No. 39 0091039	Where within the cells, the cholesterol esters that enter cells through the receptor-mediated endocytosis of lipoproteins hydrolyzed.
Option A	Endoplasmic reticulum
Option B	Lysosomes
Option C	Plasma membrane receptor
Option D	Mitochondria
Correct Option	B

Q. No. 40 0091040	Which one is the heaviest particulate component of the cell?
Option A	Nucleus
Option B	Mitochondria
Option C	Cytoplasm
Option D	Golgi apparatus
Correct Option	A

Q. No. 41 0091041	The surface tension in intestinal lumen between fat droplets and aqueous medium is decreased by
Option A	Bile Salts
Option B	Bile acids
Option C	Conc. H ₂ SO ₄
Option D	Acetic acid
Correct Option	A

Q. No. 42 0091042	The most active site of protein synthesis is the
Option A	Nucleus
Option B	Ribosome
Option C	Mitochondrion
Option D	Cell sap
Correct Option	B

Q. No. 43 0091043	The fatty acids can be transported into and out of mitochondria through
Option A	Active transport
Option B	Facilitated transfer
Option C	Non-facilitated transfer
Option D	None of these
Correct Option	B

Q. No. 44 0091044	The cellular organelles called "suicide bags" are
Option A	Lysosomes
Option B	Ribosomes
Option C	Nucleolus
Option D	Golgi's bodies
Correct Option	A

Q. No. 45 0091045	Mature erythrocytes do not contain
Option A	Glycolytic enzymes
Option B	HMP shunt enzymes
Option C	Pyridine nucleotide

Option D	ATP
Correct Option	C

Q. No. 46 0091046	Enzymes catalyzing electron transport are present mainly in the
Option A	Ribosomes
Option B	Endoplasmic reticulum
Option C	Lysosomes
Option D	Inner mitochondrial membrane
Correct Option	D

Q. No. 47 0091047	The Golgi complex
Option A	Synthesizes proteins
Option B	Produces ATP
Option C	Provides a pathway for transporting chemicals
Option D	Forms glycoproteins
Correct Option	D

Q. No. 48 0091048	Genetic information of nuclear DNA is transmitted to the site of protein synthesis by
Option A	rRNA
Option B	mRNA
Option C	tRNA
Option D	Polysomes
Correct Option	D

Q. No. 49 0091049	The following substances are cell inclusions except
Option A	Melanin
Option B	Glycogen
Option C	Lipids
Option D	Centrosome
Correct Option	D

Q. No. 50 0091050	Two sugars, which differ from one another only in configuration around a single carbon atom, are termed
Option A	Epimers
Option B	Anomers
Option C	Optical isomers
Option D	Stereoisomers
Correct Option	A

Q. No. 51 0091051	The carbohydrate of the blood group substances is

Option A	Sucrose
Option B	Fucose
Option C	Arabinose
Option D	Maltose
Correct Option	B

Q. No. 52 0091052	The monosaccharide units are linked by 1 → 4 glycosidic linkage in
Option A	Maltose
Option B	Sucrose
Option C	Cellulose
Option D	Cellobiose
Correct Option	A

Q. No. 53 0091053	Which of the following is a reducing sugar?
Option A	Sucrose
Option B	Trehalose
Option C	Isomaltose
Option D	Agar
Correct Option	C

Q. No. 54 0091054	A heteropolysacchraide among the following is
Option A	Inulin
Option B	Cellulose
Option C	Heparin
Option D	Dextrin
Correct Option	C

Q. No. 55 0091055	Glucose-6-phosphatase is not present in
Option A	Liver and kidneys
Option B	Kidneys and muscles
Option C	Kidneys and adipose tissue
Option D	Muscles and adipose tissue
Correct Option	D

Q. No. 56 0091056	The highest concentrations of fructose are found in
Option A	Aqueous humor
Option B	Vitreous humor
Option C	Synovial fluid
Option D	Seminal fluid
Correct Option	D

Q. No. 57 0091057	In presence of the following cofactor, pyruvate carboxylase converts pyruvate to oxaloacetate:
Option A	ATP, Protein and CO ₂
Option B	CO ₂ and ATP
Option C	CO ₂
Option D	Protein
Correct Option	A
Q. No. 58 0091058	A ketogenic amino acid is
Option A	Valine
Option B	Cysteine
Option C	Leucine
Option D	Threonine
Correct Option	C
Q. No. 59 0091059	The amino acid with a nonpolar side chain is
Option A	Serine
Option B	Valine
Option C	Asparagine
Option D	Threonine
Correct Option	B
Q. No. 60 0091060	Casein, the milk protein is
Option A	Nucleoprotein
Option B	Chromoprotein
Option C	Phosphoprotein
Option D	Glycoprotein
Correct Option	C
Q. No. 61 0091061	Aspirin inhibits the activity of the enzyme:
Option A	Lipoxygenase
Option B	Cyclooxygenase
Option C	Phospholipase A1
Option D	Phospholipase A2
Correct Option	B
Q. No. 62 0091062	A 'suicide enzyme' is
Option A	Cyclooxygenase
Option B	Lipoxygenase

Option C	Phospholipase A1
Option D	Phospholipase A2
Correct Option	A

Q. No. 63 0091063	Chymotrypsin is specific for peptide bonds containing
Option A	Uncharged amino acid residues
Option B	Acidic amino acids
Option C	Basic amino acid
Option D	Small amino acid residues
Correct Option	A

Q. No. 64 0091064	The number of intra-chain disulphide bonds in pro-insulin:
Option A	One
Option B	Two
Option C	Three
Option D	Four
Correct Option	C

Q. No. 65 0091065	Serotonin is synthesised from
Option A	Serine
Option B	Phenylalanine
Option C	Tyrosine
Option D	Tryptophan
Correct Option	D

Q. No. 66 0091066	The most abundant protein in bones is
Option A	Collagen type I
Option B	Collagen type II
Option C	Collagen type III
Option D	Non-collagen proteins
Correct Option	A

Q. No. 67 0091067	In humans, a dietary essential fatty acid is
Option A	Palmitic acid
Option B	Stearic acid
Option C	Oleic acid
Option D	Linoleic acid
Correct Option	D

Q. No. 68	The structural and functional unit of contractile system in striated muscle is
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0101068	
Option A	Myofibril
Option B	Cross bridges
Option C	Z band
Option D	Sarcomere
Correct Option	D

Q. No. 69 0101069	Which of the following is the contractile protein of a muscle?
Option A	Troponin
Option B	Tropomyosin
Option C	Myosin
Option D	Calcium
Correct Option	C

Q. No. 70 0101070	Capacity of muscles to receive and respond to a stimulus is called as
Option A	Excitability
Option B	Contractility
Option C	Extensibility
Option D	Elasticity
Correct Option	A

Q. No. 71 0101071	The contractile protein of skeletal muscle involving ATPase activity is
Option A	Actin
Option B	Myosin
Option C	Troponin
Option D	Tropomyosin
Correct Option	B

Q. No. 72 0101072	Large number of mitochondria and capillaries are present in
Option A	Red muscle
Option B	White muscle
Option C	Smooth muscle
Option D	All of these
Correct Option	A

Q. No. 73 0101073	Sleep is an example of
Option A	Ultradian rhythm
Option B	Circadian rhythm
Option C	Infradian rhythm
Option D	All of the above

Correct Option	A
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Q. No. 74 0101074	Depolarizing graded potential is referred to as an:
Option A	EPSP
Option B	IPSP
Option C	Action Potential
Option D	Threshold Potential
Correct Option	A

Q. No. 75 0101075	Effective increase of the conduction speed along the nerve fiber can be achieved by
Option A	Myelination
Option B	Decreasing diameter
Option C	Increasing length
Option D	demyelination
Correct Option	A

Q. No. 76 0101076	Color sensitive pigments present in the eye are called as
Option A	Rods
Option B	Cones
Option C	Ganglion cells
Option D	Bipolar cells
Correct Option	B

Q. No. 77 0101077	Deeper skin layer tactile receptor is
Option A	Pacinian corpuscle
Option B	Meissner's corpuscles
Option C	Merkel's discs
Option D	Muscle spindles
Correct Option	A

Q. No. 78 0101078	The compound mainly present in the surfactant is -
Option A	Phospholipids
Option B	Phosphatidylcholine
Option C	Lecithin
Option D	All of the above
Correct Option	D

Q. No. 79 0101079	Air blood barrier is composed of
Option A	Type I pneumocyte

Option B	Type II pneumocyte
Option C	Both (Type I pneumocyte) and (Type II pneumocyte)
Option D	None
Correct Option	A

Q. No. 80 0101080	Christmas factor is
Option A	Factor X
Option B	Factor XI
Option C	Factor IX
Option D	Factor VIII
Correct Option	C

Q. No. 81 0101081	Expiration is an active process even at rest in
Option A	Dog
Option B	Horse
Option C	Man
Option D	Cow
Correct Option	B

Q. No. 82 0101082	Normal plasma concentration of prothrombin is about
Option A	5 mg%
Option B	50 mg%
Option C	30 mg%
Option D	15 mg%
Correct Option	D

Q. No. 83 0101083	The blood flow through the pulmonary capillaries is called as
Option A	Diffusion of lungs
Option B	Perfusion of lungs
Option C	Transfusion of lungs
Option D	Hemorrhage of lungs
Correct Option	B

Q. No. 84 0101084	This shift of the O ₂ - Hb dissociation curve to the right is termed as
Option A	Bohr effect
Option B	Hamburger phenomenon
Option C	Chloride shift
Option D	Haldane effect
Correct Option	A

Q. No. 85 0101085	When an animal is at rest, hemoglobin releases approximately _____ % of its oxygen
Option A	8%
Option B	25%
Option C	55%
Option D	75%
Correct Option	B

Q. No. 86 0101086	Protein content of CSF is approximately:
Option A	0-1 mg%
Option B	10-60 mg%
Option C	1-2 mg%
Option D	0.1-0.5 gm%
Correct Option	B

Q. No. 87 0101087	The nature of synovial fluid is
Option A	Watery
Option B	Viscous
Option C	Dilatent
Option D	None of the above
Correct Option	C

Q. No. 88 0101088	Hormone associated with circadian rhythm
Option A	Pineal
Option B	Thyroid
Option C	Insulin
Option D	GH
Correct Option	A

Q. No. 89 0101089	Melatonin is derived from amino acid
Option A	Tryptophan
Option B	Tyrosine
Option C	Phenylalanine
Option D	Leucine
Correct Option	A

Q. No. 90 0101090	Secretion of enzyme_____takes place from the juxtaglomerular apparatus in kidneys
Option A	Rennin
Option B	Renin
Option C	Angiotensin
Option D	Vit D

Correct Option	B
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Q. No. 91 0101091	Increase in extracellular _____ concentration directly stimulate cells of the zona glomerulosa to produce aldosterone.
Option A	Potassium
Option B	Sodium
Option C	Chloride
Option D	Water
Correct Option	A

Q. No. 92 0101092	In amphibians, reptiles, birds and rodents, _____ is the primary glucocorticoid.
Option A	Cortisol
Option B	Testosterone
Option C	Aldosterone
Option D	Corticosterone
Correct Option	D

Q. No. 93 0101093	Following is/ are the actions of cortisol
Option A	Glycogenesis
Option B	Lipogenesis
Option C	Glycolysis
Option D	Proteolysis
Correct Option	D

Q. No. 94 0101094	Cortisol potentiates the action of following hormone on glucose metabolism.
Option A	GH
Option B	Prolactin
Option C	Epinephrine
Option D	Insulin
Correct Option	C

Q. No. 95 0101095	Cortisol inhibits _____ release and more water are excreted in the urine.
Option A	ANF
Option B	Renin
Option C	ADH
Option D	Aldosterone
Correct Option	C

Q. No. 96 0101096	Important effect of GH on the liver is to cause the liver to secrete another hormone
Option A	Glucagon

Option B	Somatomedin A
Option C	Somatomedin C
Option D	Insulin
Correct Option	C

Q. No. 97 0101097	Plasma half-life of GH is about _____ minutes.
Option A	10
Option B	05
Option C	20
Option D	30
Correct Option	C

Q. No. 98 0101098	Seminal vesicle are absent in
Option A	Dogs
Option B	Horses
Option C	Bulls
Option D	Rams
Correct Option	A

Q. No. 99 0101099	Type of uterus present in sows is
Option A	Bicornuate
Option B	Biparitite
Option C	Duplex
Option D	Simplex
Correct Option	A

Q. No. 100 0101100	Na ⁺ , K ⁺ , Cl ⁻ reabsorption and creation of osmotic gradient in medullary tissue is performed by
Option A	Thin descending limbs
Option B	Thick ascending limbs
Option C	Distal convoluted tubule
Option D	Proximal convoluted tubule
Correct Option	B