

Group of Paper :: MBBS/BDS

Q. No. 1 0011001	All of the following are pressure epiphysis except :
Option A	Head of Femur
Option B	Coracoid process of scapula
Option C	Lower end of Tibia
Option D	Head of Radius
Correct Option	B

Q. No. 2 0011002	Which of the following is not seen in Klumpke's paralysis:
Option A	Horner's syndrome
Option B	Sensory loss along the medial border of forearm and hand
Option C	Claw hand
Option D	Wrist drop
Correct Option	D

Q. No. 3 0011003	Iliotibial tract provides attachment to:
Option A	Gluteus maximus
Option B	Gluteus Medius
Option C	Gluteus minimus
Option D	All of the above
Correct Option	A

Q. No. 4 0011004	All are secondary cartilaginous joint except :
Option A	Manubriosternal joint
Option B	Xiphisternal joint
Option C	Intervertebral joint
Option D	Talocalcaneonavicular joint
Correct Option	B

Q. No. 5 0011005	Pectineus is supplied by:
Option A	femoral nerve
Option B	obturator nerve
Option C	sciatic nerve
Option D	femoral nerve and obturator nerve
Correct Option	D

Q. No. 6	Which of the following is not a content of femoral triangle?
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0011006	
Option A	femoral artery
Option B	popliteal artery
Option C	femoral nerve
Option D	femoral vein
Correct Option	B

Q. No. 7 0011007	All are contents of Cubital fossa except :
Option A	Median nerve
Option B	Ulnar nerve
Option C	Radial nerve
Option D	Brachial artery
Correct Option	B

Q. No. 8 0011008	All are branches of lateral cord of Brachial plexus except :
Option A	Ulnar nerve
Option B	Musculocutaneous nerve
Option C	Lateral pectoral nerve
Option D	Median nerve
Correct Option	A

Q. No. 9 0011009	The articular surfaces of which of the following joints are not covered by hyaline cartilage:
Option A	Temporomandibular joint
Option B	Shoulder joint
Option C	Knee joint
Option D	Talocalcaneonavicular joint
Correct Option	A

Q. No. 10 0011010	All are branches of right coronary artery except :
Option A	Posterior interventricular
Option B	Right marginal artery
Option C	Anterior interventricular artery
Option D	SA nodal artery
Correct Option	C

Q. No. 11 0011011	All are features of TETRALOGY OF FALLOT except :
Option A	Pulmonary stenosis
Option B	Interatrial septal defect
Option C	Overriding of aorta
Option D	Right ventricular hypertrophy

Correct Option	B
Q. No. 12 0011012	All of the following arteries supply Pleura except :
Option A	Internal thoracic artery
Option B	Intercostal artery
Option C	Bronchial artery
Option D	Pulmonary artery
Correct Option	D
Q. No. 13 0011013	All are examples of panniculus carnosus except
Option A	Palmaris brevis
Option B	Platysma
Option C	Palmaris longus
Option D	Muscles of scalp
Correct Option	C
Q. No. 14 0011014	Which of the following doesn't supply stomach?
Option A	Right hepatic artery
Option B	Right gastric artery
Option C	Left gastric artery
Option D	Gastrooduodenal artery
Correct Option	A
Q. No. 15 0011015	All of the following are branches of the abdominal aorta except :
Option A	Coeliac trunk
Option B	superior epigastric artery
Option C	superior mesenteric artery
Option D	inferior phrenic artery
Correct Option	B
Q. No. 16 0011016	All the statements about the kidney are true except :
Option A	They are located on posterior abdominal wall
Option B	Right kidney is higher than left kidney
Option C	They are supplied by renal arteries
Option D	Anterior surface is covered by peritoneum
Correct Option	B
Q. No. 17 0011017	Which of the following doesn't supply urinary bladder in females?
Option A	uterine

Option B	Inferior vesicle
Option C	Superior vesicle
Option D	Vaginal
Correct Option	B

Q. No. 18 0011018	Which is the common site of benign prostatic hypertrophy (BPH):
Option A	Posterior lobe
Option B	Anterior lobe
Option C	Lateral lobes
Option D	Median lobe
Correct Option	D

Q. No. 19 0011019	Thyroid gland is supplied by all except:
Option A	Superior thyroid artery
Option B	Middle thyroid artery
Option C	Thyroid ima artery
Option D	Inferior thyroid artery
Correct Option	B

Q. No. 20 0011020	What is the function of Broca's area?
Option A	Sensory speech
Option B	Auditory function
Option C	Coordination of gross movements
Option D	Production of speech
Correct Option	D

Q. No. 21 0011021	Sensation of pain and temperature from face is carried by:
Option A	Medial lemniscal system
Option B	Trigeminothalamic tract
Option C	Anterior spinothalamic tract
Option D	Lateral spinothalamic tract
Correct Option	B

Q. No. 22 0011022	Which of the following structures consists of both projection and commissural fibres:
Option A	Cerebral fornix
Option B	Corpus callosum
Option C	Pyramids
Option D	Corona radiata
Correct Option	A

Q. No. 23 0011023	Most of the medial surface of the cerebral hemisphere is supplied by:
Option A	Middle Cerebral artery
Option B	Anterior Cerebral artery
Option C	Post Cerebral artery
Option D	None of the above
Correct Option	B

Q. No. 24 0011024	All the following nerves supply auricle except :
Option A	Vagus nerve
Option B	Gr. occipital
Option C	Great Auricular
Option D	Auriculotemporal
Correct Option	B

Q. No. 25 0011025	Maxillary sinus opens in:
Option A	Superior nasal meatus
Option B	Middle meatus of nose
Option C	Inferior meatus of nose
Option D	None of the above
Correct Option	B

Q. No. 26 0011026	All are true about Levator palpebrae superioris muscle except :
Option A	It is supplied by facial nerve
Option B	It is supplied by oculomotor nerve
Option C	It consists of both voluntary and involuntary fibres
Option D	It causes elevation of eyelids
Correct Option	A

Q. No. 27 0011027	All of the following are derivatives of 1 st pharyngeal arch except :
Option A	Anterior belly of digastric
Option B	Masseter
Option C	Lateral pterygoid
Option D	Posterior belly of digastric
Correct Option	D

Q. No. 28 0011028	All of the muscles of tongue are supplied by hypoglossal nerve except :
Option A	Hyoglossus
Option B	Styloglossus
Option C	Palatoglossus
Option D	Genioglossus

Correct Option	C
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Q. No. 29 0011029	All of the following structures pass through jugular foramen except :
Option A	Glossopharyngeal nerve
Option B	Spinal accessory nerve
Option C	Vagus nerve
Option D	Hypoglossal nerve
Correct Option	D

Q. No. 30 0011030	Sensory ganglia of vestibulocochlear nerve are:
Option A	Unipolar
Option B	Pseudounipolar
Option C	Bipolar
Option D	Multipolar
Correct Option	C

Q. No. 31 0011031	The "Giant pyramidal cells of Betz" are seen in which of the following layers of cerebral cortex:
Option A	Ganglionic layer
Option B	Pyramidal cell layer
Option C	External granular layer
Option D	Multiform layer
Correct Option	A

Q. No. 32 0011032	Which of the following stratum is absent in thin skin:
Option A	Stratum basale
Option B	Stratum spinosum
Option C	Stratum lucidum
Option D	Stratum granulosum
Correct Option	C

Q. No. 33 0011033	All of the following have fenestrated capillaries except:
Option A	Skin
Option B	Renal glomeruli
Option C	Intestinal villi
Option D	Pancreas
Correct Option	A

Q. No. 34 0011034	Which Of the following cells have multilamellar bodies in their cytoplasm:
Option A	Type I pneumocytes

Option B	Type II pneumocytes
Option C	Type III pneumocytes
Option D	Clara cells
Correct Option	B

Q. No. 35 0051001	Principle Immunoglobulin found in secretions such as milk is
Option A	IgG
Option B	IgM
Option C	IgA
Option D	IgD
Correct Option	C

Q. No. 36 0051002	All about immunoglobulin Joining chain (J-chain) is true except
Option A	Is expressed by mucosal and glandular plasma cells
Option B	regulates polymer formation of immunoglobulin IgA and IgM
Option C	is a small polypeptide
Option D	only produced by T-Cells
Correct Option	D

Q. No. 37 0051003	All are the features of antibodies except
Option A	are produced by white blood cells derived from B lymphocytes.
Option B	they contain carbohydrates
Option C	they are only secreted by Mast cells and T cells
Option D	they can combine very specifically with antigen
Correct Option	C

Q. No. 38 0051004	All about Lymphokines are true except
Option A	are protein mediators produced by T cell
Option B	can stimulate increase antibody production
Option C	can stimulate maturation of immature cytotoxic T-cells
Option D	stimulate production of complement
Correct Option	D

Q. No. 39 0051005	A mutation that arises naturally and not as a result of exposure to mutagens is
Option A	Induced mutations
Option B	Fused mutations
Option C	Spontaneous mutations
Option D	None of the above
Correct Option	C

Q. No. 40 0051006	Molecule that is cut at a particular place into smaller fragments by Restriction endonucleases is
Option A	Viral; DNA
Option B	Viral; RNA
Option C	Bacterial; DNA
Option D	Bacterial; RNA
Correct Option	C

Q. No. 41 0051007	Which of the following is true for sickle cell trait
Option A	Have sickle hemoglobin (HbS) and anemia
Option B	Have normal hemoglobin (HbA) and no anemia
Option C	Have normal hemoglobin (HbA) and sickle hemoglobin (HbS) but no anemia
Option D	Have normal hemoglobin (HbA), sickle hemoglobin (HbS) and have anemia
Correct Option	C

Q. No. 42 0051008	Reverse transcriptase PCR uses
Option A	mRNA as a template to from cDNA
Option B	RNA as a template to from DNA
Option C	DNA as a template to from ssDNA
Option D	all of the above
Correct Option	A

Q. No. 43 0051009	G proteins are activated in response to
Option A	steroid hormones
Option B	thyroxine
Option C	peptide hormones
Option D	all of the above
Correct Option	C

Q. No. 44 0051010	Parathyroid hormone acts to ensure that
Option A	calcium levels in the blood never drop too low
Option B	sodium levels in urine are constant
Option C	potassium levels in the blood don't escalate.
Option D	the concentration of water in the blood is sufficient
Correct Option	A

Q. No. 45 0051011	Long-term therapy with steroid drugs, such as cortisone, can cause osteoporosis and muscle wasting because of all except
Option A	Direct enhancement of bone resorption
Option B	Inhibition of gastrointestinal calcium absorption
Option C	Increased urine calcium loss
Option D	increased blood glucose

Correct Option	B
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Q. No. 46 0051012	All use cAMP as second messenger except
Option A	Dopamine
Option B	Glucagon
Option C	Vasopressin
Option D	Insulin
Correct Option	C

Q. No. 47 0051013	Which of the following coenzymes are not correctly matched with Vitamins it is derived from
Option A	TPP - Vitamin B1
Option B	FMN - Vitamin B2
Option C	THF -Vitamin B9
Option D	PP- Vitamin B7
Correct Option	D

Q. No. 48 0051014	Which of the Vitamins is required for conversion of Glutamic acid to Gamma Carboxy glutamate
Option A	Vitamin D
Option B	Vitamin K
Option C	Folic Acid
Option D	Pyridoxin
Correct Option	B

Q. No. 49 0051015	Which of the following mineral deficiency may result into impaired growth and development, skin lesions and loss of appetite?
Option A	Zinc
Option B	Cobalt
Option C	Iron
Option D	Magnesium
Correct Option	A

Q. No. 50 0051016	Unconjugated hyperbilirubinemia is caused by all of the following EXCEPT
Option A	Haemolytic anemia
Option B	Neonatal Hyperbilirubinaemia
Option C	Decreased hepatic uptake of bilirubin
Option D	Intra and extra hepatic cholestasis
Correct Option	D

Q. No. 51 0051017	All are dietary fibres except
Option A	Cellulose

Option B	Sucrose
Option C	Inulin
Option D	Dextrin
Correct Option	B

Q. No. 52 0051018	All of the following act as antioxidant except
Option A	Vitamin E
Option B	Vitamin C
Option C	Glutathione Reductase
Option D	Monoamine Oxidase
Correct Option	D

Q. No. 53 0051019	Compounds which have the same structural formula but differ in configuration around one carbon atom are called
Option A	Optical isomers
Option B	stereoisomers
Option C	Anomers
Option D	Epimers
Correct Option	D

Q. No. 54 0051020	Cholesterol is a precursor of all EXCEPT
Option A	Vitamin D
Option B	Vitamin C
Option C	Steroid hormones
Option D	Bile salts
Correct Option	B

Q. No. 55 0051021	Essential fatty acid among the following is
Option A	Myristic acid
Option B	Palmitic acid
Option C	Stearic acid
Option D	Linolenic acid
Correct Option	D

Q. No. 56 0051022	A dipeptide has-
Option A	2 amino acids and 1 peptide bond
Option B	2 amino acids and 2 peptide bonds
Option C	2 amino acids and 3 peptide bonds
Option D	2 amino acids and 4 peptide bonds
Correct Option	A

Q. No. 57 0051023	Which is NOT true about sickle cell anemia
Option A	The allele responsible is found on the short arm of chromosome 11
Option B	Heterozygotes get an adaptive advantage against malaria
Option C	Sickle cell in peripheral circulation
Option D	Point mutation resulting from substitution of valine by glutamic acid at position 6.
Correct Option	D

Q. No. 58 0051024	Which of the following statements about enzymes or their function is true
Option A	Enzymes do not alter the overall change in free energy for a reaction
Option B	The catalytic activity of enzymes depends on the integrity of protein structure
Option C	Enzymes speed up the reactions by lowering activation energy
Option D	All of the above.
Correct Option	D

Q. No. 59 0051025	In myocardial infraction all of the following are correct except:
Option A	Increase in serum GGT is diagnostic
Option B	Serum AST level is increased
Option C	Serum CK-MB is increased
Option D	Increase in cardiac troponin is diagnostic
Correct Option	A

Q. No. 60 0051026	The structure of biological membrane is explained correctly by which model:
Option A	Lac operon model
Option B	Fluid mosaic model
Option C	Tryptophan operon model
Option D	Lock and key model.
Correct Option	B

Q. No. 61 0051027	Na + glucose transporter is an example of
Option A	Facilitated diffusion
Option B	ATP driven active transport
Option C	Symport
Option D	Antiport
Correct Option	C

Q. No. 62 0051028	Regarding HMP shunt pathway all are true EXCEPT
Option A	Generation of ATP
Option B	Fatty acid Synthesis
Option C	Synthesis of reduced glutathione
Option D	Glucose-6-phosphate dehydrogenase is the rate-controlling enzyme of this pathway

Correct Option	A
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Q. No. 63 0051029	Deficiency of Glucose 6 phosphatase is seen in:
Option A	Von-Gierke's disease
Option B	Pompe 's disease
Option C	Cori's disease
Option D	Anderson's disease
Correct Option	A

Q. No. 64 0051030	All are true with regard to transamination reaction Except
Option A	It is an irreversible reaction
Option B	Represents only an intermolecular transfer of NH ₂ group
Option C	It requires pyridoxal phosphate as co-enzyme
Option D	The enzymes catalyzing transamination reactions are aminotransferases
Correct Option	A

Q. No. 65 0051031	In phenylketonuria, the enzyme that is defective is
Option A	Cystathionase
Option B	Phenylalanine hydroxylase
Option C	homogentisic acid oxidase
Option D	Para hydroxyphenylpyruvate oxidase.
Correct Option	B

Q. No. 66 0051032	β oxidation of fatty acid yields all the following except:
Option A	NADH
Option B	Acetyl CoA
Option C	FADH ₂
Option D	Malonyl CoA
Correct Option	D

Q. No. 67 0051033	Detection of Ketone bodies in urine is done by:
Option A	Heat coagulation test
Option B	Rothera's test
Option C	sulfosalicylic acid test
Option D	Benedict's test
Correct Option	B

Q. No. 68 0061001	Sodium potassium pump is
Option A	an electrogenic pump with coupling ratio of 2:3

Option B	needed for generation of action potential
Option C	an electrogenic pump with coupling ratio of 3:2
Option D	a form of passive transport process
Correct Option	C

Q. No. 69 0061002	In myelinated nerve fibre the speed of conduction is approximately how many times of the fibre diameter?
Option A	4
Option B	6
Option C	8
Option D	10
Correct Option	B

Q. No. 70 0061003	All are the steps in contraction of skeletal muscle except
Option A	discharge of motor neuron
Option B	inward spread of action potential along T system
Option C	Ca ²⁺ ion pumped by Ca ²⁺ -Mg ²⁺ ATPase
Option D	binding of Ca ²⁺ to troponin C
Correct Option	C

Q. No. 71 0061004	The motor unit is
Option A	single muscle fibre with its nerve
Option B	ventral horn cells along with its motor nerve
Option C	dorsal horn cells along with its motor nerve
Option D	single motor neuron and all of the muscle fibres it innervates
Correct Option	D

Q. No. 72 0061005	Parasympathetic stimulation of the bronchus causes
Option A	Bronchial constriction
Option B	No effect
Option C	Decreased bronchial secretion
Option D	Bronchial dilatation
Correct Option	A

Q. No. 73 0061006	In obstructive pulmonary disorders
Option A	Vital capacity is normal and FEV1 decreases
Option B	Vital capacity decreases and FEV1 is normal
Option C	Both Vital capacity and FEV1 decreases
Option D	Both Vital capacity and FEV1 remain normal
Correct Option	A

Q. No. 74 0061007	Shifting of O ₂ -haemoglobin dissociation curve to left in
Option A	fall in blood pH
Option B	increased body temperature
Option C	increased 2,3 DPG
Option D	Foetal Haemoglobin (HbF)
Correct Option	D

Q. No. 75 0061008	Which of the following is not a cause of thermogenesis in the body?
Option A	skeletal muscle contraction
Option B	assimilation of food
Option C	cutaneous vasodilation
Option D	thyroxine
Correct Option	C

Q. No. 76 0061009	All of the following are steroid hormone except
Option A	1,25DHCC
Option B	insulin
Option C	oestrogen
Option D	progesterone
Correct Option	B

Q. No. 77 0061010	Gigantism is characterised by the all of the following except
Option A	occur during adolescence
Option B	tall stature
Option C	long hand & feet
Option D	prognathism
Correct Option	D

Q. No. 78 0061011	Serum calcium lowering hormone is
Option A	Vitamin D
Option B	Parathyroid Hormone
Option C	Calcitonin
Option D	Growth Hormone
Correct Option	C

Q. No. 79 0061012	Sertoli cells secrete all except
Option A	Androgen binding protein
Option B	testosterone
Option C	inhibin
Option D	MRF

Correct Option	B
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Q. No. 80 0061013	Uterine contractions are stimulated by
Option A	oxytocin
Option B	prostaglandins
Option C	prolactin
Option D	both oxytocin and prostaglandins
Correct Option	D

Q. No. 81 0061014	The minimal synaptic delay is
Option A	0.1msec
Option B	0.5msec
Option C	1.0msec
Option D	5.0msec
Correct Option	B

Q. No. 82 0061015	Cutaneous receptive fields are smallest in the
Option A	fingertips
Option B	back
Option C	thighs
Option D	arms
Correct Option	A

Q. No. 83 0061016	All are examples of referred pain except
Option A	phantom limb
Option B	pain in testis & inner part of thigh due to stone in lower part of ureter
Option C	substernal pain of angina spreading on to the left shoulder & left arm
Option D	pain at tip of right shoulder due to stone in gall bladder
Correct Option	C

Q. No. 84 0061017	Upper motor neuron lesion is characterised by
Option A	flaccid paralysis
Option B	fasciculation
Option C	disuse atrophy
Option D	absence of superficial reflexes
Correct Option	D

Q. No. 85 0061018	Primary motor area of the cerebral cortex is located in
Option A	Precentral gyrus

Option B	Superior temporal lobe
Option C	Upper parietal lobe
Option D	Postcentral gyrus
Correct Option	A

Q. No. 86 0061019	The consolidation of short-term memory into long-term memory is a function of the
Option A	substantia nigra
Option B	cerebral peduncles
Option C	hippocampus
Option D	arcuate fasciculus
Correct Option	C

Q. No. 87 0061020	Which EEG wave is common in an alert wakeful person?
Option A	α - wave
Option B	β - wave
Option C	Theta wave
Option D	δ - wave
Correct Option	B

Q. No. 88 0061021	P-R interval in ECG corresponds to :
Option A	Time delay in the AV node
Option B	Time interval between onset of atrial contraction & onset of ventricular contraction
Option C	Ventricular depolarization
Option D	None of the above
Correct Option	B

Q. No. 89 0061022	Baroreceptors mainly act through :
Option A	Parasympathetic system
Option B	Sympathetic system
Option C	Cerebral cortex
Option D	Basal Ganglia
Correct Option	B

Q. No. 90 0061023	All are increased during exercise except :
Option A	Cardiac output
Option B	Venous return
Option C	Atrial blood flow
Option D	Peripheral vascular resistance
Correct Option	D

Q. No. 91 0061024	Preload of heart is determined by :
Option A	End diastolic volume
Option B	Ejection systolic volume
Option C	End systolic volume
Option D	None of the above
Correct Option	A

Q. No. 92 0061025	Secretion of HCL is stimulated by :
Option A	Secretin
Option B	Histamine
Option C	Somatostatin
Option D	All of the above
Correct Option	B

Q. No. 93 0061026	Pancreatic juice, enzyme- poor but rich in water & electrolytes, is secreted in response to :
Option A	Pancreozymin
Option B	Cholecystokinin
Option C	Secretin
Option D	Cholesterol
Correct Option	C

Q. No. 94 0061027	All of the following are functions of saliva except :
Option A	Helps in mastication
Option B	It helps in perception of taste by dissolving
Option C	It helps in digestion of carbohydrates
Option D	It helps in digestion of proteins
Correct Option	D

Q. No. 95 0061028	Colonic bacteria, on digestion of dietary fibers, produce :
Option A	Free radicals
Option B	Sucrose
Option C	Butyrate
Option D	All of the above
Correct Option	C

Q. No. 96 0061029	GFR increases when :
Option A	Plasma oncotic pressure is increased
Option B	Glomerular hydrostatic pressure is decreased
Option C	Renal blood flow increases

Option D	None of the above
Correct Option	C

Q. No. 97 0061030	Tubuloglomerular feedback is mediated by :
Option A	Sensing of Na ⁺ concentration in macula densa
Option B	Sensing of Cl ⁻ concentration in macula densa
Option C	Sensing of NaCl concentration in macula densa
Option D	None of the above
Correct Option	C

Q. No. 98 0061031	Active reabsorption of glucose occurs in
Option A	DCT
Option B	PCT
Option C	Loop of Henle
Option D	All of the above
Correct Option	B

Q. No. 99 0061032	Best test for GFR is with :
Option A	Inulin
Option B	Creatinine
Option C	Hippuric acid
Option D	None of the above
Correct Option	A

Q. No. 100 0061033	Lifespan of neutrophils in circulation is :
Option A	6 hrs
Option B	6 days
Option C	10 days
Option D	15 hrs
Correct Option	A

