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Question Type 👢	Question 11	A J↑	В Џ↑	c 11	D 11	Answer 💵	Remark 1
FBQ	Non-dividing cells are also called cells.	Permanent	Permanent				eExam
FBQ	Continuously dividing cells are also called cells.	Labile	Labile				eExam
FBQ	Progressive loss of body fat and lean body mass accompanied by profound weakness, anorexia, and anemia in cancers is referred to as	Cachexia	Cachexia				eExam
FBQ	Genes that promote autonomous cell growth in cancer cells are called	Oncogenes	Oncogenes				eExam
FBQ	A multistep process at both the phenotypic and the genetic levels resulting from the accumulation of multiple mutations is called	Carcinogenesis	Carcinogenesis				eExam
FBQ	Malignant tumors are collectively referred to as	Cancers	Cancers				eExam
FBQ	The study of tumors is	Oncology	Oncology				eExam
FBQ	A new growth is called	Neoplasm	Neoplasm				eExam
FBQ	A dysplastic change in which the tumor cells breach the basement membrane is said to be an tumor.	Invasive	Invasive				eExam
FBQ	A dysplastic change that involves the entire thickness of the epithelium and remains confined by the basement membrane is referred to as	Carcinoma in situ	Carcinoma in situ				eExam
FBQ	Development of nodular Goitre in the thyroid as a consequence of increased serum levels of hormone.	Thyroid- stimulating	Thyroid- stimulating				eExam

FBQ	In late adult life, the brain may undergo progressive atrophy, mainly because of reduced blood supply as a result of atherosclerosis; a condition called atrophy.	Senile	Senile		eExam
FBQ	Loss of innervation results in atrophy.	Denervation	Denervation		eExam
FBQ	Decreased workload causes atrophy of	Disuse	Disuse		eExam
FBQ	The central nervous system—supportive elements are called the cells.	Glial	Glial		eExam
FBQ	An important cause of urinary albumin loss is the syndrome.	Nephrotic	Nephrotic		eExam
FBQ	Lymphatic obstruction in filariasis due to extensive inguinal lymphatic and lymph node fibrosis can result in massive oedema of the external genitalia and lower limbs to earn the appellation	Elephantiasis	Elephantiasis		eExam
FBQ	Inflammatory oedema is a protein- rich that is a result of increased vascular permeability.	Exudate	Exudate		eExam
FBQ	Oedema caused by increased hydrostatic pressure or reduced plasma protein is typically a protein-poor fluid called a	Transudate	Transudate		eExam
FBQ	Hydroperitoneum is more commonly called	Ascites	Ascites		eExam
FBQ	An abnormal increase in interstitial fluid within tissues is called	Oedema	Oedema		eExam
FBQ	Only about % of total body water is in blood plasma.	5	5		eExam
FBQ	Approximately % of lean body weight is water.	60	60		eExam
FBQ	Degradation of collagen and other ECM proteins is achieved by matrix	Metalloproteinases	MMPs		eExam

FBQ	The balance between ECM synthesis and degradation results in of the connective tissue framework.	Remodeling	Remodeling		eExam
FBQ	Fibroblasts and vascular endothelial cells proliferate in the first 24 to 72 hours of the repair process to form a specialized type of tissue called tissue.	Granulation	Granulation		eExam
FBQ	Tissue repair is a response.	Fibroproliferative	Fibroproliferative		eExam
FBQ	The main healing process by deposition of collagen and other ECM components causes the formation of a	Scar	Scar		eExam
FBQ	The boundary between epithelium and underlying connective tissue is called membrane.	Basement	Basement		eExam
FBQ	All growth factors function as that bind to specific receptors.	Ligands	Ligands		eExam
FBQ	The proliferation of many cell types is driven by polypeptides known as factors.	Growth	Growth		eExam
FBQ	Scar formation is the predominant healing process that occurs when the framework is damaged by severe injury.	Extracellular matrix	ECM		eExam
FBQ	Scar formation by the deposition of	Collagen	Collagen		eExam
FBQ	The process of tissue may restore some original structures but can cause structural derangements.	Repair	Repair		eExam
FBQ	Tissue results in the complete restitution of lost or damaged tissue.	Regeneration	Regeneration		eExam
FBQ	The process in which reperfused tissues sustain loss of cells in addition to the cells that are irreversibly damaged at the end of ischemia is called injury.	Ischemia- reperfusion	Ischemia- reperfusion		eExam

FBQ	Reduced supply of oxygen and nutrients to tissues most often because of reduced blood flow as a consequence of a mechanical obstruction in the arterial system is called	Ischemia	Ischemia		eExam
FBQ	Reduced oxygen availability to tissues is called	Hypoxia	Нурохіа		eExam
FBQ	Chemical species that have a single unpaired electron in an outer orbit are called	Free radicals	Free radicals		eExam
FBQ	The glycolytic pathway derives its source either from body fluids or from the hydrolysis of glycogen.	Glucose	Glucose		eExam
FBQ	The major pathway of ATP production in mammalian cells is of adenosine diphosphate.	Oxidative phosphorylation	Oxidative phosphorylation		eExam
FBQ	Excess of cholesterol predisposes to	Atherosclerosis	Atherosclerosis		eExam
FBQ	The decreased life span of red blood cells caused by a single amino acid substitution in hemoglobin occurs in anemia.	Sickle cell	Sickle cell		eExam
FBQ	Causes of hypoxia include reduced blood flow called	Ischemia	Ischemia		eExam
FBQ	Hypoxia is a deficiency of which causes cell injury by reducing aerobic oxidative respiration.	Oxygen	Oxygen		eExam
FBQ	The extreme elevations of leukocyte count up to 40,000 to 100,000 cells/µL are referred to as reactions.	Leukemoid	Leukemoid		eExam
FBQ	Leukocyte count up to 15,000 or 20,000 cells /µL is called	Leukocytosis	Leukocytosis		eExam
FBQ	Fever is produced in response to substances called	Pyrogens	Pyrogens		eExam
FBQ	The most prominent manifestations of the acute-phase response is	Fever	Fever		eExam

FBQ	Fever is characterized by an						
150	elevation of body usually by 1° to 4°C.	Temperature	Temperature				еЕхат
FBQ	Systemic inflammatory response syndrome is a reaction to	Cytokines	Cytokines				eExam
FBQ	The principal types of cell death are necrosis and	Apoptosis	Apoptosis				eExam
FBQ	If necrotic cells and cellular debris are not promptly destroyed and reabsorbed, they tend to attract calcium salts and other minerals; a phenomenon is called dystrophic	Calcification	Calcification				еЕхат
FBQ	Down syndrome is caused by a anomaly.	Chromosomal	Chromosomal				eExam
FBQ	Carbon monoxide poisoning produces a stable that blocks oxygen carriage.	carbon-monoxy- hemoglobin	carbon-monoxy- hemoglobin				еЕхат
FBQ	A fifth clinical sign of inflammation, , was added by Rudolf Virchow in the 19th century.	Loss of function	Functio laesa				еЕхат
FBQ	Inflammation reactions are triggered by soluble factors that are produced by various cells or derived from	Plasma proteins	Plasma proteins				eExam
FBQ	Cells exposed to injurious agents or stress becomes compromised by that affect essential cellular constituents.	Mutation	Mutations				eExam
FBQ	The normal cell is able to handle physiologic demands, maintaining a steady state called	Homeostasis	Homeostasis				eExam
FBQ	Pathology is the study of .	Diseases	Diseases				eExam
MCQ	Hypoxia causes cell injury by reducing oxidative respiration.	Aerobic	Anaerobic	Eurobic	Нурохіс	A	eExam
MCQ	Nuclear features of necrosis include all but	Pyknosis	Karyorrhexis	Karyolysis	Karyonosis	D	eExam

MCQ	The appearance of lipid vacuoles in the cytoplasm, seen mainly in hypoxic, toxic or metabolic injuries in cells involved in and dependent on fat metabolism, such as hepatocytes and myocardial cells is called	Autophagy	Necrosis	Apoptosis	Fatty Change	D	еЕхат
MCQ	Hypoxia refers to reduced availability.	Carbondioxide	Oxygen	Nutrients	Nitrogen	В	eExam
MCQ	Ischemia refers to reduced supply of to tissues.	Carbondioxide	Oxygen	Nutrients	Oxygen and Nutrients	D	eExam
MCQ	The process in which a cell eats its own contents is called	Autophagy	Necrosis	Apoptosis	Fatty Change	A	eExam
MCQ	Oxidative phosphorylation of ATP is by the electron transfer system of the	Cytosol	Mitochondrion	Peroxisomes	Ribosomes	В	eExam
MCQ	Acute-phase proteins are plasma proteins, mostly synthesized in the	Spleen	Stomach	Liver	Kidneys	С	eExam
MCQ	The enzyme which breaks down both membrane and cytoskeletal proteins is called	Phospholipase	Protease	Endonuclease	ATPase	В	eExam
MCQ	The enzyme which is responsible for DNA and chromatin fragmentation is called	Phospholipase	Protease	Endonuclease	ATPase	С	eExam
MCQ	The enzyme which hastens ATP depletion is called	Phospholipase	Protease	Endonuclease	ATPase	D	eExam
MCQ	Normal cellular constituent include all except	Water	Lipids	Carbohydrates	Proteins such as α1-antitrypsin	D	eExam
MCQ	Substances accumulate in the cytoplasm frequently within	Phagolysosomes	Lysosomes	Peroxisomes	Ribosomes	A	eExam
MCQ	The principal causes of hypercalcemia include	Hyperthyroidism	Limb Overuse	Renal failure	Vitamin D lack	С	eExam
MCQ	The basic molecules that assemble to form the basic forms of ECM include	Elastins	Collagens	Glycoproteins	All of the above	D	eExam
MCQ	provide resilience to tissues.	Elastins	Collagens	Glycoproteins	Proteoglycans	D	eExam
MCQ	Adhesive connect the matrix elements to one another and to cells.	Elastins	Collagens	Glycoproteins	Proteoglycans	С	eExam
MCQ	Fibrous structural proteins, such as enables tissue recoil.	Elastins	Collagens	Glycoproteins	Proteoglycans	A	eExam
MCQ	Fibrous structural proteins, such as provide tensile strength to the tissue.	Elastins	Collagens	Glycoproteins	Proteoglycans	В	eExam

MCQ	The is found in spaces between epithelial, endothelial, and smooth muscle cells, as well as in connective tissue.	Interstitial matrix	Laminin	Basement membrane	Proteoglycans	A	eExam
MCQ	The basement membranes consist of all except	Type IV Nonfibrillar collagen	Laminin	Heparin sulfate	Elastin	D	eExam
MCQ	The term scar is most often used in connection to wound healing in the skin, is used to describe the replacement of parenchymal cells in any tissue by	Interstitial matrix	Collagen	Basement membrane	Proteoglycans	В	eExam
MCQ	The initial tissue injury causes platelet adhesion and aggregation and the formation of a clot in the surface of the wound, leading to	Inflammation	Proliferation	Maturation	All of the above	A	eExam
мсо	The formation of granulation tissue, proliferation and migration of connective tissue cells and reepithelialization of the wound surface occurs during the phase of wound healing.	Inflammatory	Proliferative	Maturation	All of the above	В	еЕхат
MCQ	ECM deposition, tissue remodeling, and wound contraction occurs during the phase of wound healing.	Inflammation	Proliferation	Maturation	All of the above	С	eExam
MCQ	The simplest type of cutaneous wound repair is the healing of a clean, uninfected surgical incision approximated by surgical sutures is referred to as healing by	Tertiary intention	First union	Secondary Intention	None	В	eExam
MCQ	The healing of wounds that involves a more intense inflammatory reaction, formation of abundant granulation tissue and extensive collagen deposition, leading to the formation of a substantial scar is referred to as healing by	Tertiary intention	Primary Intention	Secondary Intention	None	С	eExam
MCQ	Local factors that influence healing include	Diabetes mellitus	Peripheral vascular diseases	Infection	Hormones	С	eExam
MCQ	Inadequate formation of granulation tissue or assembly of a scar can lead to	Wound dehiscence	Keloids	Hypertrophic scar	Contracture	A	eExam
MCQ	Excessive formation of the components of the repair process can give rise to	Wound dehiscence	Ulceration	Hypertrophic scar	Contracture	С	eExam
MCQ	Two thirds of the body's water is in thecompartment.	Extracellular	Intracellular	Interstitial	Plasma	В	eExam

MCQ	The third space that lies between cells is called space.	Extracellular	Intracellular	Interstitium	Plasma	С	eExam
MCQ	Severe and generalized edema with widespread subcutaneous tissue swelling is called	Anasarca	Lymphoedema	Hydrothorax	Hydropericardium	A	eExam
MCQ	Impaired lymphatic drainage results in	Anasarca	Lymphoedema	Hydrothorax	Hydropericardium	В	eExam
MCQ	Reduced Plasma Osmotic Pressure occurs when, the major plasma protein, is not synthesized in adequate amounts or is lost from the circulation.	Albumin	Globulin	Fibrin	Adenine	A	eExam
MCQ	Shock is characterized by systemic due either to reduced cardiac output or to reduced effective circulating blood volume.	Hypertension	Hypotension	Eutension	All of the above	В	еЕхат
MCQ	shock results from low cardiac output due to myocardial pump failure.	Cardiogenic	Neurogenic	Anaphylactic	Septic	A	eExam
MCQ	shock results from vasodilation and peripheral pooling of blood as part of a systemic immune reaction to bacterial or fungal infection.	Cardiogenic	Neurogenic	Anaphylactic	Septic	D	eExam
MCQ	Shock that occur in the setting of anesthetic accident or a spinal cord injury is termed shock.	Cardiogenic	Neurogenic	Anaphylactic	Septic	В	еЕхат
MCQ	shock denotes systemic vasodilation and increased vascular permeability caused by an IgE—mediated hypersensitivity reaction.	Cardiogenic	Neurogenic	Anaphylactic	Septic	С	eExam
MCQ	In shock, the skin may initially be warm and flushed because of peripheral vasodilation.	Cardiogenic	Neurogenic	Anaphylactic	Septic	D	еЕхат
MCQ	Stress-induced hormones include	Glucagon	Growth hormone	Glucocorticoids	All of the above	D	eExam
MCQ	Shock tends to evolve through the following phases except	Non Progressive	Progressive	Irreversible	All of the above	D	eExam
MCQ	The systemic changes associated with acute inflammation are collectively called	Acute-phase response	Systemic inflammatory response syndrome	SIRS	All of the above	D	eExam
MCQ	A monoclonal antibody against CD20, acell surface antigen, is widely used for treatment of lymphomas.	В	Т	B&T	None	A	еЕхат

MCQ	Cytotoxic lymphocytes play a protective role against virus-associated neoplasms.	В	Т	В&Т	None	В	eExam
MCQ	Recognition proteins that are expressed at high levels on cancer cells and in normal developing (fetal) but not adult tissues are called antigens.	Tumor suppressor	Tumor specific	Tumor Associated	Oncofetal	D	eExam
MCQ	Recognition proteins which are present on tumor cells and also on some normal cells are called antigens.	Tumor suppressor	Tumor specific	Tumor Associated	Oncofetal	С	еЕхат
MCQ	Recognition proteins which are present only on tumor cells and not on any normal cells are called antigens.	Tumor suppressor	Tumor specific	Tumor Associated	Oncofetal	В	еЕхат
MCQ	The products of genes suppress cell proliferation.	Tumor suppressor	Tumor specific	Tumor Associated	Oncofetal	A	eExam
MCQ	Tumours may be resistant to programmed cell death, as a consequence of inactivation of gene.	P50	P51	P52	P53	D	eExam
MCQ	The architecture of the tissue may be disorderly in cell	Dysplasia	Hyperplasia	Anaplasia	Metaplasia	A	eExam
MCQ	A reversible change in which one differentiated cell type is replaced by another cell type is called	Dysplasia	Hyperplasia	Anaplasia	Metaplasia	D	eExam
MCQ	Lack of differentiation is called	Hypertrophy	Hyperplasia	Anaplasia	Atrophy	С	eExam
MCQ	is reduced size of an organ or tissue resulting from a decrease in cell size and number.	Hypertrophy	Hyperplasia	Anaplasia	Atrophy	D	eExam
MCQ	is an increase in the number of cells in an organ or tissue, usually resulting in increased mass of the organ or tissue.	Hypertrophy	Hyperplasia	Anaplasia	Atrophy	В	eExam
MCQ	refers to an increase in the size of cells, resulting in an increase in the size of the organ.	Hypertrophy	Hyperplasia	Anaplasia	Atrophy	A	еЕхат
MCQ	Quiescent cells that have not entered the cell cycle are in the state.	G0	G1	S	M	A	eExam
MCQ	Quiescent tissues cells include	Bone marrow cells	Hematopoietic cells	Lymphocytes	None	С	eExam
MCQ	Continuously dividing tissues cells include	Stratified squamous epithelia of the skin	Lining mucosa of salivary glands	Columnar epithelium of the GI tract	All of the above	D	еЕхат

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