MCQ Paper ID M S G A 0 9 5 5 8 9 2 2

Fungal cells that	rangaduca h	w hudding	are coan	in the	infortad	tiecitoe of	nationts with.
rungar cens mac	reproduce o	y buouning	are seem	111 - 115	WINGE CO.	Maanca Or	beerenes eaten.

- a) Mycetoma, candidiasis, and inucormycosis.
- b) Candidiasis, cryptococcosis, and sporotrichosis.
- Tinea corporis, tinea unguium, and tinea versicolor

- d) Sporotrichosis, mycetomma, and aspergillosis.
- e) Tinea corporis, aspergillosis, and tinea versicolor.

Which of the following fungi is most likely to be found within reticuloendothelial celis?

- a) Candida albicans.
- b) Histoplasma capsulatum.
- c) Chyptococcus neoformans.

- d) Sporothrix schenckii.
- e) Tinea versicolor.

Q.45 Infection by a dermatophyte is most commonly associated with:

- a) Inhalation of organism form contaminated bird faeces.
- b) Intravenous drug abuse.
- c) Adherence of organism to perspiration moist skin.

- d) Faecal-oral transmission.
- e) Deep penetrating wound
- Q.46 A 50-year-old, immunocompromised female is clinically diagnosed to have meningitis. Latex agglutination test for capsular polysaccharide antigen on CSF is positive. Which one of the following organisms is the most likely cause?
 - a) Aspergilius fumigatus.
 - b) Candida albicans.
 - c) Histopiasma capsulatum.

- d) Crystococccus neoformans.
- or species.
- Patients with tuberculoid leprosy have granulomas that have elevated amounts of IL-2, IFN-y, Q.47 and TNF-B. The immune cell responsible for this pattern of cytokine production is the:
 - a) Cytotoxic T lymphocyte
 - b) Epithelioid cell
 - c) macrophage

- di THz cell
- TH, cell

Q.48 Examples of innate resistance processes includes

- a) Transplacental passage of IgG.
- b) Response to vaccination.
- c) Flushing action of tears.
- Unregistered Version http://www.aoaophoto.com
- d) Recovery from an infection. Administration of antitoxin.

For HBV (hepatitis B virus) to cause liver cancer following is a pre requisite: Q.49

- a) Integration of viral DNA into host genome
- b) Chronic inframmation of liver
- Cirrhosis of liver

- d) Liver cell hyperplasia
- e) Regenerative nodule formation
- The most frequently developing malignancy under the effect of ionizing radiation is: 0.50
 - a) Bone sarcoma
 - b) Leukaemia
 - c) Thyroid caricer

- d) Skin cancer
- e) Lung cancer
- Q.51 A terminally ill cancer patient presents with extreme weakness, loss of weight, anorexia and anaemia. On examination he is emaciated. Which of the following could explain the state of cancer cachexia in him?
 - a) Nutritiona deficiency
 - b) Andrexia
 - c) High metabolic rate

- d) Effect of cytokines
- e) Infections
- A 40-year old chronic smoker develops gradually a moon like face, purple stria on the abdomen Q.52 and cushingoid features. He also gives history of chronic cough and recent episodes of haemoptysis. Chest x-ray revealed a tumour at carina. Which of the following can explain his condition?
 - a) Adenoma of adrenal cortex
 - b) Adenoma of anterior pituitary
 - c) Paraneoplastic syndrome

- d) Carcinoma of anterior pituitary
- e) Carcinoma of adrenal cortex
- Q.53 Which of the following characteristics of tumours is best diagnostic of malignancy?
 - a) Local invasion
 - b) Lymphovascular invasion
 - t) Irregular margins

- d) Non-encapsulation
- e) Metastasis
- Q.54 In hereditary Retinoblastoma the mutated Rb gene is:
 - a) Inherited from one parent
 - b) Inner ted from both parents
 - c) Mutated sporadically

- d) Absent
- e) Mutated in somatic cells

(Continued)

Q.45

Q.46

Q.47

Q.48

Q.49

Q.50

Q.51

Q.52

MCQ Paper ID M S G A 0 9 5	5 5 8 9 2 2 Page 5 of
Fungal cells that reproduce by budding are seen in the in a) Mycetoma, candidiasis, and mucormycosis. b) Candidiasis, cryptococcosis, and sporotrichosis. c) Tinea corporis, tinea ungulum, and tinea versicolor. Which of the following fungi is most likely to be found with a) Candida albicans. b) Histoplasma capsulatum. c) Cryptococcus neoformans.	nfected tissues of patients with: d) Sporotrichosis, mycetomma, and aspergillosis. e) Thea corporis, aspergillosis, and tinea versicolor.
Infection by a dermatophyte is most commonly associat a) Inhalation of organism form contaminated bird faeces. b) Intravenous drug abuse, c) Adherence of organism to perspiration moist skin.	d) Faecal-oral transmission. e) Deep penetrating wound
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a) Cytotoxic T lymphocyte b) Epithelioid cell c) macrophage Examples of innate resistance processes include: a) Transplacental passage of IgG. b) Response to vaccination. Chymphographics of these controls of the controls of the control of the co	d) TH ₂ cell TH ₃ cell d) Recovery from an infection. e) Administration of antitoxin.
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- b) Lymphovascular invasion
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- In hereditary Retinoblastoma the mutated Rb gene is:

 i) Inher ted from one parent Q.54

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(Continued)

G.Patho M	1CQ 2013 Uploaded By Zaheer Q	Ureshi Cploaded by ZAHEER QURE
6.53	Which one of the following is the most common lower	respiratory pathogen in infants?
	a) <u>Rhinoxiruses.</u> b) <u>Adenovirus.</u> c) Respiratory syncitial virus.	d) Coxsackie virus. e) Rota virus.
Q.34)	A 25-year-old female presents with recent onset of reveals multiple clear vesicles on her vulva and vagina these vesicles reveals several multinucleated giant ce glass nuclei. The vesicles are most likely the result organisms?	a. A smear of material obtained from one of the with intranuclear inclusions and ground
	a) Herpes simplex virus (HSV). b) Cytomegalovirus (CMV). c) Human papilloma virus (HPV).	e) Tichomoras vaginalis.
Q.55	Plasmid carries different genes. Which of the following a) Gene for antibiotic resistance. (b) Gene for spore formation. (c) Gene for conjugation	d) Gene for its replication. e) Gene for resistance to heavy metals.
, Q.56	Three organisms, Streptococcus pneumoniae, Neissericause the vast majority of cases of bacterial in pathogenecity mechanism common among these organ	eningitis, whaters the most important
1	a) Capsule. V b) Protein A. c) Endotoxin	e) Beta-Lagarosse.
6.57	Which of the following Anti-microbial drug does not ac	t on the backerial cell wall:
(7)	a) Cincomycin	d) epinalesporin.
	b) Penicillin. c) Vancomycin.	er en armi
Q.58	Which Type of bacteria lack superoxide dismutase enza a) Obligate angerobes. b) Heterotrop. c) Aerobes.	Facultative anaerobes.
Q.59	Metachromatic granules are a characteristic feature set	en in which of the following bacterium: d) Mycobacterium tuberculosis. m e) Streptococcus pneumoniae.
Q.60	Most likely causative organism responsible for swelli discharge from a wound caused by a road side accident	ng, redness, crepitation and foul smelling
d	a) Clostridium perfringens b) Staphylococcus aureus. c) Bacillus anthracis.	e) E. Coli
Q.61	Blood culture from a patient depronstrates Gram positi diagnostic possibilities. Which of the following would two organisms?	be most suitable for distinguishing these
	a) Lancefield grouping. b) Coagulase test.	(d) Lactose fermentation. E) Spore formation.
./	c) Dark field examination.	
Q.62	Flaccid paralysis is the result of infection with the followa) Rhabdovirus and Corynebacterium	wing organisms: d) Rhinovirus and Clostridium difficile. e) Rables virus and Clostridium perfringens.
· .	b) Polio virus and Clostridium tetani. c) Polio virus and Clostridium botulinum	
. Q.63	A 2-year-old boy has surgery to correct a congenital an indwelling urinary catheter is placed that results culture grows out a lactose-negative, oxidase positive,	in a severe urinary tract intection of the
/	organisms is most likely to cause the boy's infection? a) Escherichia coli. b) Klebsialia pneumoniae. c) Proteus mirabilis.	Pseudomonas aeruginosas Staphylococcus saprophyt cus.
Q.64	Drum stick or racket shaped spores are produced by will a) Bacteroic's.	e) Closurgium Weichin.
1	b) Clostridiu 7:	e) Bacillus cereus.
Q.65	Staphylococci and streptococci can be differentiated	with surety on the basis of which is
	following: (a) Congulate test.	(i) Oxidase test.
	(Gram's staining.)	e) Rapid urease test and colony morphology.

	Chromon ship	meet Contone
Page	6 of 6	
Q.55		involves use of IgM antibodies against blood group A reaction is an aggregate formation that is known as: d) Opsonization. e) Precipitin reaction
Q.56	At the site of healing, which of the follow	ing cells performs the most important function for the
	healing phenomenon to start?	
	a) Plasma cells b) Neutrophils	d) Platelets
	c) Macrophages	e) Fibroblasts
Q.57	abruptio placenta. Post partum, her co	cs department where she was diagnosed as having indition deteriorated with complains of chest pain, and went into a state of shock. Which of the following d) Excessive blood loss e) Myocardial infarction
Q.58	During earthquake disaster in a roof collar	ose, a 40-year old healthy male got crush injury of his
	right leg without any fractures. He was re and went into shock. Which of the following a) Cardiogenic shock b) Septic shock c) Hypovolemic shock	scued and brought to the hospital where he collapsed
Q.59	A 75-year old obese had sidden female due	to fracture neck of temur, dies suddenly. Autopsy was
	carried out to find out the cause of death. Which of the following could be the origin of a) Deep veins of the legs b) Pulmonary arterioles c) Deep pelvic veins	Massive pulmonary thrombo-embolism was detected.
0.60	In the above scenario which factor operate	d the most to initiate this lesion?
	a) Hypercoagulability of blood	d) Endothelial injury
	b) Turbulent blood flow	e) Endothelial activation
	c) Sluggish blood flow /stasis Unregister	red Version
Q.61	A 2-year old boy presented to paediatric thypoglycemia. He was diagnosed as a cadisease). Which of the following explains of	ward with hepatomegaly, slow growth and attacks of se of Type-1 Glycogen storage disorder (von Gierke ols disorder?
	a) An autosomal recessive disorder	d) Multifactorial inheritance
	b) Autosomal dominant disorder c) Sex linked recessive disorder	e) Sporadic disorder
Q.62		
Q.02	disorder. What is meant by 50% gene pene	ypic expression of an autosomal dominant genetic
	a) Half of the gene carriers will remain	d) 100% of the gene carriers will express the
	b) 50% of persons carrying the gene will	disorder
	manifest the disorder	 e) No effect on disease expression
	c) 100% of the gene carriers will not express	
	the disorder.	
Q.63	A 60 years old chronic heavy smoker gets done to find out any bronchial pathology. V smoking associated benign change in the bra) Goblet cell depletion b) Loss of cilia c) Squamous metaplasia	an attack of haemoptysis. Bronchoscopic blopsy was Which of the following would be a clinically significant conchial lining mucosa? d) Epithelial dysptasia e) Mucous gland hyperplasia
Q.64	suspected to be a carcinoma. Which of	cervix of a 50 year-old female which was clinically the following cytological features is diagnostic of
	malignancy in her biopsy? a) Hyperchromatic nuclei	The contract of the contract o
	b) Prominent nucleoil	 d) Irregular chromatin clumping e) Atypical mitosis
	c) Increased mitosis	ay tray productions
0.65	On colonoscopic avantantia a 20 and	
Q.65	The disease runs is his family Which of the	male is found to have hundreds of polyps in the colon.

The disease runs in his family. Which of the following events demand close surveillance of this patient?

a) Bleeding per rectum

b) Intussusception

d) Development of severe dysplasia e) Ulceration

Q.55 Blood-grouping before blood transfusion involves use of IgM antibodies against blood group A

Page 6 of 6

	 and B antigens on erythrocytes. A positive rea a) Complement activation. 	oction is an aggregate formation that is known as: d) Opsonization.
	b) Agglutination. c) Neutralization.	e) Precipitin reaction
Q.56	healing phenomenon to start?	cells performs the most important function for the
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Q.62	Gene penetrance determines the phenotyple disorder. What is meant by 50% gene penetral	c expression of an autosomal dominant genetic nce?
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	suspected to be a carcinoma. Which of the malignancy in her biopsy?	e following cytological features is diagnostic of
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Q.65	On colonoscopic examination a 20-year old ma	le is found to have hundreds of polyps in the colon. ollowing events demand close surveillance of this
	patient?	
	a) Bleeding per rectum b) Intussusception c) Infection	d) Development of severe dysplasia e) Ulceration
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	(Copyright protected University	rty or Hearth Sciences)

G.Pathe MC	Uploaded By .Za	heer Oureshi Uplanted by ZAKOR QUIZE
		officer noticed that students are using plus desks upon use of such desks for a longer period may upon upon use of such desks for a longer period may upon upon upon upon use of such desks for a longer period may upon upon upon upon upon upon upon upon
	inspection of school, the school medical	upon use of such
Q.9	what should he tell to the head illeast	d) Shoulders
		e) Heels
	a) Elbows	
	c) Back	the scale and on the back of ears as well, during
	a seacher noticed a student scrating intensely	his scalp and on the back of ears as well, during
Q.10	A teacher noticed a student strate. the class. What problem the student may have:	d) Scables
	a) Allerdy	e) Tick infestation
	b) Pediculosis c) Ring worm infection	
		services including emergency services, mental
Q.11	A school administration has provided health	services much essential health care service is
	health, health education and service for species	
	a) Dental health services	d) Orthopaedic services e) Disaster control measures
	b) Surgery services	e) Disaster control
	c) Domicillary services	- Lestion netechial
Q.12 A	A 10 years old boy reported to the hospita	al after snake bite. On examination, petechial
B	idemormages were seem a comp for	and gums was observed. The toxic substance in
ti	he snake venom was:) Neurotoxin	d) Proteolysin
) Cholinesterase	e) Thromboplastin
	Hyaluronidase	
0.12	week as belong has smar months aid can for t	vaccination who is having cerebral palsy. Which
Q.13 A	e of the vaccines included in EPI schedule mus	t be avoided in such child:
3)	DPT vaccine	d) Hib vaccine
	OPV	e) BCG vaccine
c)	Measles vaccine	
.14 AW	roman reports for vaccination against tetanus	s only one month before delivery for the 1st time
to p	revent tetanus infection, one should give:	
a) T	T. two doses two weeks apart	d) ATIG after delivery
	nti-tetanic immunogiobbulus (ATIG) stat ntibiotics during delivery	e) TT ₁ at present and TT ₂ after delivery
27 ~	induction during delivery	
5 A pai	tient presented with painful cutaneous ulca	er on forearm. On enquiry it was revealed that
		insect bite when he was in Baiuchistan. The
	otoms Indicate bite by:	
	enbpsylla cheopis	d) Glossinae palpalis
	llebotomus ack fly	e) Sarcopti scabil
6 Plagu	e bacilli are transmitted through rat flee. Th	als biological transmission is:
a) Pro	pagative	d) Developmental
	chanical	e) Cyclo-developmental
c) Cyc	cl6-propagative	
Gove	institutions rushed to combat the	countless deaths and injuries. Several NGOs and
GUVL	ed on was:	hate post-disaster phase. The main point the
	vision of communication means	d) Disposal of and
	cination against infection diseases	d) Disposal of solid wastes
c) Prov	vision of safe water and food	e) Evacuation of dead bodies

Ideally a normal pregnant lady requires 12 ante-natal visits. Keeping in view the situation of Pakistani ladies, how much visits are advised:

a) 5 b) 3

d) 6

e) 7

In nulliparous females, the centra indicated method of contraception is:
a) IUCDs
b) Oral contraceptive pills
c) Rhythm metho

ral contraceptive pills

d) Barrier methods

				rage 3 01 0
(4.20	A 33 years old woman presents abdominal pain. She also gives his demonstrates lesions that are into most likely cause of her illness?	tory of several mont	hs of bloody diarrhoea. CT so	an of the liver
			d) Salmoneila typhi	
	a) Ascaris lumbricoides		e) Shigella species	
	 b) Entamoeba histolytica. c) Entrobius vermicularis 		cy Stagena species	
	The contract of the contract o		with to entitled their	
Q.21	The host that harbors the adult or	sexually mature para	d) Definite host.	
	 a) Intermediate host. b) Commensal host. 		e) Reservoir host.	
	c) Symblotic host.		a, need to the control of the contro	
Q.22	A 20-year-old female presents withen spread downward over her to 3 days ago. She also c/o joint pale	trunk. She had fever	, headache and bilateral pa ated. Which of the following	in in the neck
	b) Roseola.	and there are it.	e) Infectious monorrycleosis.	
	c) Rubella.	15-45-15-150	W/A	
0.22	A patient suffering from Rables	dies shortly after	admission to the hospital.	Which of the
Q.23	following is likely to be found on a	utopsy?	./ //	
	a) Negri bodies.	4 . N. M. M.	 d) Owl's-eye Inclusion bodies 	
	b) Clue cells.	1300	 e) Giant multinucleated cells. 	
	c) Koilocytic cells.			
Q.24	To design a vaccine against HIV is product of the virion. If they at I lymphocytes, which molecule or a) gp41. b) gp120 c) Neocleocapsid protein.	aim to prevent the family of molecules	attachment of the HIV v night best be targeted? d) p17 e) p24	irus to helper
Q.25	Which of the following viruses has	RNA for both its ger	ome and replicative interme	diate?
200	a) Cytomegalovirus.	\ () \	d) Poxvirus.	-
	b) Hepadnavirus.	Unregistered Versi	e) Retroviruses.	
	c) Togaviruses.	http://www.aoagohoto		
Q.26	A group of intending pilgrims re intramuscularly with H3N2 influer which of the following types of im-	nza A preparation. Il	on against influenza. They ne objective of this protocol	are inoculated is to stimulate
	a) Innate.	IA M	d) Natural active.	
	b) Artificial passive.	110	e) Natural passive.	
	c) Artificial active.	AN I	C. C	
Q.27	In a patient with an immediate (1 which of the following dust-mite s a) IgG b) IgA. c) IgE	rype I) nypersensitiv pecific molecules wi	rity response to dust mite, on the control of the c	ross-linking of ator release?
Q.28	A 65-year old male chronic alcoholich of the following change in to presence of alcoholic hyaline b) Clear vacuole containing water c) Clear vacuole containing triglyceric	he cytoplasm of hepa	d) Clear vacuole containing (e) Clear vacuole containing (e)	holesterol ester
Q.29	High intracellular calcium concen	tration plays a key	role in cell injury. Which o	f the following
	process plays a major role in incre	easing this level?		
	a) Release of stored calcium from	a	d) Toxic damage to plasma (
	mitochondria	Ca	e) Activation of Phospholipas	er:
	b) Release of stored calcium from	Suns Bak	r-1	
	endoplasmic reticulum c) Increase in permeability of plasma			
	rnembrane	3545-45-4		
		1343.43		alded Park and
Q.30	A 75-year old hypertensive and di scan revealed evidence of brain in	labetic male develop	s sudgen weakness of right appearance of infarcted zone	sided iimbs. Ci e would grossly
	appear as:	the gross		
	 a) Opaque solid white infarcted area 		d) Chalky whitish firm area	
	(i) Granular whitish area		 e) Liquid viscous mass of inf 	arcted area
	c) Soft haemorrhagic infarcted area			

(Continued)

(^{Q.20}	A 33 years old woman presents to abdominal pain. She also gives hist demonstrates lesions that are inter- most likely cause of her illness?	ory of several month	ns of bloody diarrho sses. Which of the	ea. CT scan of the liver
	a) Ascaris lumbricoldes b) Entamoeba histolytica. c) Entrobius vermicularis		 d) Salmoneila typhi e) Shigelia species 	
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	a) Lyme disease. b) Roseola. c) Rubella.	15-45-15-150 15-45-15-150	e) Infectious monor	ocleosis.
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Q.24	To design a vaccine against HIV in product of the virion. If they a T lymphocytes, which molecule or f a) gp41.	im to prevent the	attachment of the	HIV virus to helper
	ti) gp120 c) Neocleocapsid protein.	110	e) 024	VIII
Q.25	Which of the following viruses has	RNA for both its gen	ome and replicative d) Poxvirus.	Intermediate?
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	a) Innate. b) Artificial passive. c) Artificial active.		d) Natural active. e) Natural passive.	
Q.27	In a patient with an immediate (T which of the following dust-mite-sp	ype I) nypersensitiv pecific molecules wil	l trigger inflammato	t mite, cross-linking of ry mediator release?
	a) IgG b) IgA. c) IgE	110	d) Histarnine.e) IgM	
Q.28	A 65-year old male chronic alcoh Which of the following change in th	olic is diagnosed or ne cytoplasm of hepa	tocytes would be th	re enlarged fatty liver, te best diagnostically? Intaining cholesterol ester
	 a) Presence of alcoholic hyaline b) Clear vacuole containing water c) Clear vacuole containing triglyceride 	es		ntaining Phospholipids
Q.29	High intracellular calcium concent process plays a major role in incre	tration plays a key asing this level?		
	a) Release of stored calcium from mitochondria b) Release of stored calcium from	a	d) Toxic damage to e) Activation of Pho	
	endoplasmic reticulum c) Increase in permeability of plasma membrane	5163 Boli 2545-45-2		
Q.30	A 75-year old hypertensive and dis scan revealed evidence of brain in	abetic male develops	sudden weakness	of right sided limbs. CT
	appear as:	rarction. The gross a	A SECTION AND SECTION AND ADDRESS OF THE PARTY OF THE PAR	
	a) Opaque solid white infarcted area Granular whitish area Soft haemorrhagic infarcted area		d) Chalky whitish fi e) Liquid viscous m	rm area ass of infarcted area
	c) Soit inganorniagic inspected diea			(Continued

Instructions:

- Read the instructions on the MCQ Response Form carefully.
- ii. Attempt all questions.
- Question Paper to be returned along with MCQ Response Form.
- iv. Candidates are strictly prohibited to give any identification mark except Roll No. & Signature in the specified columns only.
- A 45-year-old male gives H/O persistent diarrhoea. Stool examination reveals numerous granular, spherical, thin-walled cysts measuring 10-20 um in diameter. Trichrome stains show Q.1 upto four nuclei in most of the cysts. These findings are consistent with an infection by which of the following organisms. Entamoeba bistolytica.
 - a) Giardia lamblia.
 - b) Cryptospridium parvum.
 - c) Dientamoeba frágilis.

a) Isospora bell.

- Pus from a non-healing foot ulcer of a diabetic patient yields growth of a gram negative rod that swarms on a blood agar plate and has a fishy odour. This organism most probably belongs to the genus:
 - a) Salmonella.
 - b) Serratia.
 - c) Klebsiella.

- Shigelle. Proteus
- haemolytic, Gram positive coccus with An isolate from brain abscess on blood agar is betpositive coagulase and catalase test. The organism is:
 - a) Streptococcus pyogenes.
 - b) Lister a monoc togenes.
 - alis. c) Enterc oc. 'S

- Streptococcus aglactie.
- e) Staphylococcus aureus.
- The inhabitants of a small village in Baluciustan suffered an epidemic of menicultis. Many people died, most of the patients were 10-15 years of age. The micro organism that nost likely caused Unregistered Version this epidemic was:

http://www.aogophoto.com

- a) West Nile virus.
- b) Streptococcus agalactiae.
- c) Escheria coli K1 (capsular type :)

- Haemophilis influenzae serotype b.
- Neisseria meningitides.

Which of the following tests is not specific for Treponents pallidum infection?

- a) VDRL
- b) Treponema pallidum Haemagg tination test (TPHA).
- c) Fluorescent trponemal antibody absorption (FTA-ABS) test.

- d) Treponema pallidum immobilization (TPI) test
- Treponema paliidum particle agglutination test.
- Which of the following atypical Mycobacteria produces disease in humans which is Q.6 indistinguishable from tuberculosis?
 - a) Mycobacterium africanum.
 - b) Mycobacterium bovis.
 - c) Mycobacterium kansasi.

- d) Mycobacterium avium.
- e) Mycobacterium chelon ii.

Mycobacterium avium is a major opportunistic pathogen in AIDS patients. M avium from AIDS patients can be best characterized by which one of the following statements?

cai

0245-5595456

- a) Few isolates from AIDS patients are acid fast.
- b) Most isolates from AIDS patients are sensitive to isoniazid and streptomycin.
- c) M.avium can be isolated from the blood of
- many AIDS patients.
- d) M.avium isolates from AIDS patients are multiple serovars.
- The majority of M.avium from AIDS patients are non-pigmented.
- Mycobacterium tuberculosis can be found in the spotum of patients with suberculosis, after digestion of sputum. Isolation of M. tuberculosis is best accomplished using which of the following?
 - a) Lowenstein-Jensen (LI) medium.
 - b) Leffier's med im.
 - c) Shee b' or ar.



- d) Thayer Martin agar.
- e) Thiosulfate citrate bile salts sucrose medium.



Total Marks: 65

Time: 1 hour 05 Minutes

Roll No.

MCQ Paper ID M S G S 1 0 3 6 9 8 7 2

Instructions:

- Read the instructions on the MCQ Response Form carefully.
- ii. Attempt all questions.
- iii. Question Paper to be returned along with MCQ Response Form.
- iv. Candidates are strictly prohibited to give any identification mark except Roll No. & Signature in the specified columns only.
- A 45-year-old male gives H/O persistent diarrhoea. Stool examination reveals numerous granular, spherical, thin-walled cysts measuring 10-20 um in diameter. Trichrome stains show Q.1 upto four nuclei in most of the cysts. These findings are consistent with an infection by which of the following organisms.
 - a) Giardia lamblia.
 - b) Cryptospridium parvum.
 - c) Dientamoeba frágilis.

- Entamoeba bistolytica.
- a) Isospora bell.
- Pus from a non-healing foot ulcer of a diabetic patient yields growth of a gram negative rod that swarms on a blood agar plate and has a fishy odour. This organism most probably belongs to the genus:
 - a) Salmonella.
 - b) Serratia.
 - c) Klebsiella.

- Shigelle. Proteus
- haemolytic, Gram positive coccus with An isolate from brain abscess on blood agar is beta positive coagulase and catalase test. The organism is:
 - a) Streptococcus pyogenes.
 - b) Lister a monoc togenes.
 - c)- Enterc oc. 'S alis.

- Streptococcus aglactie.
- e) Staphylococcus aureus.
- The inhabitants of a small village in Baluciustan suffered an epidemic of meningitis. Many people died, most of the patients were 10-15 years of age. The micro organism that nost likely caused this epidemic was: Unregistered Version

http://www.aogophoto.com

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Page 2 of 6

- A 60-year-old woman is brought to the emergency department with complaints of shortness of Q.10 breath and fever. Physical examination revealed a fever of 103° F, hypotension, and a diastolic murmur. History revealed a cardiac valve replacement 5 years earlier. Three consecutive blood cultures taken during febrile periods revealed gram-positive cocci that were catalase-positive and coagulase-negative. Which of the following organisms is the most likely cause?
 - a) Enterococcus faecalis
 - b) Kingella kingae.
 - c) Staphylococcus aureus.

- d) Staphylococcus saprophyticus
- e) Staphylococcus epidermidis.
- A 60-year-old man develops pneumonia. The organism isolated from the sputum are Q.11 gram-positive cocci that are alpha haemolytic on blood agar and sensitive to optochin. Which structure on the causative agent provides protection against phagocytosis?
 - a) Capsule
 - b) Catalase.
 - c) Coagulase.
- Soul Book State
- d) M protein.
- e) Teichoic acld.
- 10 CUS-15-15 6 5 6 5 6 A 6-year-old girl develops glomerulonephritis a week after an attack of sore throat. The causative Q.12 agent of her condition is identified by serotyping of the:
 - a) Capsule.
 - b) M protein.
 - c) Outer membrane proteins

- d) Pili
- e) Teichoic acid
- What is the typical means of transmission of a toxin that blocks the release of inhibitory Q.13 transmitters GABA and glycine?
 - a) Eating home -canned foods.
 - b) Feco- oral route.
 - c) Infant given honey during the first year of
- Respiratory in a person with incomplete vaccination history.
- e) Deep penetrating/ puncture wound.
- A 9 year-old girl is brought to the Paediatrics Emergency with fever of 101.5°F, sore throat Q.14 maialse and difficulty in breathing. She has an incomplete vaccination history. Physical examination reveals cervical lymphadenopathy and a whitish membrane covering most of the propharynx. Which of the following best describes the causative agent?
 - a) Gram-negative rod; toxin that increases
 - b) Gram-negative rod; toxin that inhibits
 Unregistered Version
 - c) Gram-positive aerobic rod; toxinhillad www acapphoto.com inhibits protein synthesis.
- d) Gram-positive anaerobic rod; toxin that inhibits protein synthesis.
- e) Gram-positive aerobic rod; toxin that Increases cAMP.
- A 35-year-old man has renal stones. He presents to the emergency with intense renal colic. He is Q.15 hydrated and given pain medication. After several hours he passes a kidney stone. Laboratory analysis of the stone reveals that it is composed of struvite (magnesium ammonium phosphate). Infection with which of the following organisms promotes the production of such stones?
 - a) Pseudomonas aeruginosa.
 - b) Escherichia coli.
 - c) Proteus mirabilis.

- d) Staphylococcus saprophyticus.
- e) Ureaplasma urealyticum.
- After eating a lunch of leftovers, that included rewarmed Chinese vegetable rice, a 15-year-old Q.16 boy develops diarrhoea and stomach pain. Which of the following is the most likely pathogen?
 - a) Rotavirus.
 - b) Salmonella typhile
 - c) Bacillus cereus.

- d) Clostridium difficile.
- e) Clostridium botulinum.
- Four weeks after his return from Egypt after a job assignment, a 20-year-old male passes blood Q.17 in urine. Microscopic examination of urine reveals the presence of eggs with terminal spines. His history reveals that he has been bathing in water frequently. The most likely etiologic agent of his complaint is:
 - a) Entamoeba histolytica.
 - b) Schistosoma haematobium.
 - c) Schistosoma japonicum.

- d) Schistosoma mansoni.
- e) Fasciolopsis buski.
- A 10-year-old girl is brought to the surgical emergency with a prolapsed rectum. Examination of Q.18 the rectum reveals small worms that resemble whips attached to the mucosa. A stool sample reveals eggs that are barrel shaped, with bipolar plugs. Which of the following is the most likely cause?
 - a) Ascaries lumbricoides.
 - b) Echinococcus granulosus.
 - c) Entamoeba histolytica.

- d) Trichurls trichura.
- e) Enterobius vermicularis.
- A fisherman from the Makran coast presents in a Basic Health Unit, with complaints of chronic Q.19 diarrhoea and fatigue. On investigations he is found to have megalobiastic anaemia. Which of the following organisms is the most likely cause of this patient's problem?
 - a) Entamoeba histolytica.
 - o) Echinococcus granulosus
 - c) Diphyllobothrium latum.

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. Patho i	MC@ 30	5	Uploaded By Zaheer Qu	THE RESIDENCE OF THE PARTY OF T
	100	A 10 years old child v culture. Schick test w	was tested for Diphonesons were in as performed. Final results were in a performed by schick test was	He Broat swab was taken broadly for the basis of these strongly positive. On the basis of these comply positive to the basis of these comply positive to the basis of these comply positive to the basis of these completes to the basis of the basis o
A		corynaebacterium diph results he is:	stheriae. While his accom-	a) Carrier of diphtherie b) Susceptible to diphtherie
		a) Case of diphtheria	a materioria	
//		c) Immune to diphtheria	namery had a prick from	Hepatitis B carrier patient. Uniuskily rafter prick, he get his serum tested for rafter prick, he get his serum tested for or anti-HBc and anti-HBc. What is your or anti-HBc and anti-HBc. What is your or anti-HBc and active course of disease
	Q.41	A surgeon while perfe	te to HBV Infection. About one years to HBV Infection. About one years to HBV Infection.	Hepatids B carrier tested for after prick, he get his serum tested for a few prick, he get his serum tested for a few partially treated cases He is running active course of disease He is running active course of disease
		all HRV markers. Resul	it revenue	He is porting active course of disease
		a) He is susception		Dese Pre-obses
		c) He is carrier	and having height of 1.5 m no	Obese
	100000000000000000000000000000000000000	and weight		
	-	Normer		75 Kgs. his serum cholesterol level
		along a routine check up	of a 50 years old person weigh	ing 75 Kgs, his serum cholesterol level asive. The risk factor for this particular Chemical
9	44/2	s found to be 255 mg/		Chemical
	a)	Physical	e)	Nutritive
	1000000	Biological Mechanical		
0.4	a Av	eterinary surgeon is in	nterested to get himself vaccine	ated pre-exposurely against rables. He ing to one of the following schedules:
Q.	sho	uld be given preferably Day 0, 3, 7, 28	d)	Day 0, 3, 7, 21, 28
	b) [Day 0, 3, 7, 21	(a)	Day 0, 3, 7, 21, 28, 90
		Day 0, 7, 28		ancy who live in the same house, using
Q.4				vered after few days uneventfully. One
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and trees toding wheets	A of 12 weeks and other comple	eted the pregnancy and gave birth to a afness. The likely disease, these two
	won	nen suffered from was:		Drug reaction
	b) R	ubeolla		Typhoid
	THE SECOND	hicken pox		
Q.40	A be	y 8 years old was tes in diameter. How will	you interpret this test:	ly. After 72 hours his induration was 6
	(a) N	egative sitive	G.	Strongly negative Doubtful
		rongly positive		
Q.47	A 25	years old person repo	orted with painful, vesicular an	d pustular eruptions in the distribution
	of ser What	sory nerve roots on probable diagnosis we	ould be:	ffering from chicken pox 10 year back.
	a) Mea	sles ken pox) Herpes simplex) Shingles
		let fever		,
Q.48	Birth r	ecord of obstetric wa	rd of a hospital for one month	showed that; 40 newborns were under
	weight	85 newborns were r	formal weight and 25 newborn	ns were over weight:
	a) Ordi	sen type of variable i) Continuous
111	b) Nom c) Discr) Dichotomous
Q.49	Blood p	ressure of 150 docto	rs was recorded. The mean B	P was found to be 127 mmHg (systolic).
114	then ho	HARITA HEVIGLIOII WAS	have systolic blood pressure	INTEREST PROPERTY AND ADDRESS OF THE PARTY O
11	a) 24 b) 12			1) 96
	c) 48	The state of the s) 144
		The last of		THE RESERVE OF THE PARTY OF THE

G.Patho	MCQ 2013 Uploaded I	y Zaheer Qureshi	Uploaded by: ZAHEER QURES
Q.42	"Asbestos" is one of the well establis influence its carcinogenic potential. Whi a) Type of Asbestos fiber b) Concomitant tobacco smoking c) Duration of exposure	ch of the following is impor	tant? of exposure
Q.43	DNA viruses are capable of causing can neoplastic change is: a) Slow replication virus b) Non-replication of virus c) Integration of viral genome into host cell genome	BALLA d) Expression	prerequisites to bring about a on of viral genes in host cell of virus in latent form
Q.44)	Before starting the treatment of a cance his tumour. Which of the following padeciding the survival of this patient? (a) Grade of the tumour (b) Stage of the tumour (c) Histological type of tumour	rameters at this time wou d) Proliferat	
Q.45	Human infection with beef tapeworm, Ta the pork tapeworm, Taenia solium, becau a) Acute intestinal obstruction is less common in Taenia saginata infection. * b) Taenia saginata eggs cause less irritation of the mucosa of the digestive tract. c) Larval invasion does not occur in beef tape worm infection.	use of which of the following c) The adult	g: Seef tape worms are smaller.a exct re not produced by adult
Q.46	Trypanasoma cruzi initially penetrates multiplies in a lesion called chagoma. It lesions often observed? a) Heart and Digestive tract. b) Digestive tract and Respiratory tract. c) Heart and liver.	n the chronic stage of the	disease, where are the main
0.47	Which of the following parasite does not a) Balantidium coll. The M if Unre b) Dientamoeba fragilis. c) Cryptosporidium.	have a cycly ctate? egistered Version (1) Glardia la www.asaophoto.com ²) Entamoeb	
Q.48	A woman, recently returned to USA from chills, fever, and sweating. These attacks reveals ring like and crescent-like forms likely infection regardsm?	necur every 36 to 48 hours	. Examination of blood smear
	a) Plasmodium falciparum. b) Plasmodium falciparum. c) Schistosoma mansoni.	d) Trypanosc e) Wuchereri	ma gambiense. a bancrofti.
Q.49 خرند	The presence of Negri inclusion codies in a) Aseptic meningitis, b) Congenital rubella, c) Infectious mononucleosis.	host cells is characteristic of Mumps. (e) Rables.	of which of the following?
Q.50	Which of the following serum compone immunity to Hepatitis B virus infection? a) Anti-Hbs. b) HBsAg. c) HBcAg.	ent is an indicator of pas d) HBeAg. e) Anti-HBc.	t infection, and subsequent
Q.51	Which of the following statements is true a) Chronic infections are significantly less frequent than with hepatitis B virus. b) Virus is easy to grow in conventional cell culture. c) Virus is easy to spread by faecal-oral route.	d) Hepatocell	ular carcinoma is not associated ic HCV infections. A virus.
Q.52	Which of the following statements is true : (3) The flow of genetic information is RNA- >DNA->RNA.	A CONTRACTOR OF THE PROPERTY O	contain an RNA directed RNA
/	b) Virions contain 2 single strands of RNA. One strand is of the positive (+) sense, the other of the negative (-) sense. c) All retroviruses transform cells by virtue of containing an oncogene within the viral	e) HIV is an o	ncogenic virus frequently transformation and tumors

G.Patho	MCQ 2013	Uploaded by: ZAHEER QURE
Q.42	"Asbestos" is one of the well established carcin influence its carcinogenic potential. Which of the form a) Type of Asbestos fiber b) Concomitant tobacco smoking c) Duration of exposure	ogenic agent for lung cancer. Several factors ollowing is important? d) Severity of exposure e) Indirect exposure
Q.43	DNA viruses are capable of causing cancer in hum neoplastic change is:	nans. One of the prerequisites to bring about a
/	a) Slow replication of virus b) Non-replication of virus c) Integration of viral genome into host cell genome	d) Expression of viral genes in host cell e) Presense of virus in latent form
Q.44	Before starting the treatment of a cancer patient, this tumour. Which of the following parameters deciding the survival of this patient? (a) Grade of the tumour (b) Stage of the tumour	
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12 ·	b) Congenital rubella. c) Infectious mononucleosis.	(e) Rables.
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Q.52	Which of the following statements is true about RETR (3) The flow of genetic information is RNA- >DNA->RNA.	d) The virions contain an RNA directed RNA polymerase.
/	b) Virions contain 2 single strands of RNA. One strand is of the positive (+) sense, the other of the negative (-) sense. c) All retroviruses transform cells by virtue of containing an oncogene within the viral	e) HIV is an oncogenic virus frequently leading to transformation and tumors

(Continued)



Roll No.

MCQ Paper ID M 5 G 5 1 0 3 6 9 8 7 2

Instructo	TEAR PATHO ORIGINAL PROFF MCQ
ä.	Attempt all questions.

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http://www.ageophoto.com

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I.B.B.S Study Stuff All Prof KHIZZER KH

.Fatho M	CQ 2013 Uploaded By	Zaheer Qureshi	aleman aleman aleman de
Q.30	A patient was brought to the hospital with suggestive of myocardial infarction and car on t. Plasminogen-activator infusion. This was a) Thrombus organization b) Thrombus propagation c) Thrombus lysis	ill help the patient by causing: d) Thrombus recan e) Thrombo embol	alisation sation
Q.31	An area of fresh infarct was located in the irregular margins. On microscopic examination a) Coagulative necrosis b) Liquefactive necrosis c) Haemorrhage	d) Haemosidirin e) Acute inflamma	tion
Q.32	A patient of septic shock presents with y following mechanism best explains his present Peripheral vasoconstriction b) Peripheral vasoconstriction c) Splanchnic vasoconstriction	d) Splanchnic vaso e) Renal vasodilate	dilatation tion
Q.33	C) THE GREEN WITH GARDENIES WAS A SECOND TO SE	d) Leaky glomerule) e) D'ffuse liver dat	ar capillary wall
Q.34	The parents of a child consulted a Genetic Comminant disorder but none of the parent history. What could be the underlying mecha) Somatic mutation b) New mutation in somatic cells of child c) Mutation in ovum or sperm forming the child	anism of this discase manifest d) Sociatic mutat Farents e) Sex chromoson	ation in the child? ion in the germ cells of ne mutation in the child
			the same of the sa
Q.35	b) One chance in four http://www.c) No chance A 70-year old diabetic female slipped in	the washroom and got fractu	are of neck of her right
Q.35	a) One chance in two b) One chance in four c) No chance A 70-year old diabetic female slipped in femur. Internal fixation was carried out a gradual thinning of her right thigh and leg can explain this change? a) Disuse atrophy b) Ischemic atrophy c) Denervation atrophy	the washroom and got fractund she was bed ridden for for and a reduced muscle mass. d) Techemic and de) Ischemic and de)	are of neck of her right ew months. She noticed Which of the following issue atrophy enervation atrophy
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Q.36	a) One chance in two b) One chance in four c) No chance A 70-year old diabetic female slipped in femur. Internal fixation was carried out a gradual thinning of her right thigh and leg can explain this change? a) Disuse atrophy b) Ischemic atrophy c) Denervation atrophy Bronchial mucosa in a 40 year-old chronic change results from: a) Columnar lining cells change into squamous cells b) Stem cell differentiate into squamous cells c) De-differentiation of columnar cells "Grading" of 'umour signifies: a) Resemblance to issue of origin b) Aggressivene of function c) Spread of tumour in the body	the washroom and got fractund she was bed ridden for for and a reduced muscle mass. d) (Ischemic and de) Ischemic and de) Is	ire of neck of her right we months. She noticed which of the following issue atrophy enervation atrophy namous metaplasia. This of stem cells of mesenchymal cells all rentiation
Q.36 Q.37	a) One chance in two b) One chance in four c) No chance A 70-year old diabetic female slipped in femur. Internal fixation was carried out a gradual thinning of her right thigh and leg can explain this change? a) Disuse atrophy b) Ischemic atrophy c) Denervation atrophy Bronchial mucosa in a 40 year-old chronic change results from: a) Columnar lining cells change into squamous cells b) Stem cell differentiate into squamous cells c) De-differentiation of columnar cells "Grading" of 'umours signifies: a) Resemblanc: to is: of origin b) Aggressivene of functor c) Spread of tumour in the body	the washroom and got fractual the wa	ire of neck of her right we months. She noticed Which of the following issue atrophy enervation atrophy amous metaplasia. This of stem cells of mesenchymal cells al rentiation
Q.36 Q.37 Q.38	a) One chance in two b) One chance in four c) No chance A 70-year old diabetic female slipped in femur. Internal fixation was carried out a gradual thinning of her right thigh and leg can explain this change? a) Disuse atrophy b) Ischemic atrophy c) Denervation atrophy Bronchial mucosa in a 40 year-old chronic change results from: a) Columnar lining cells change into squamous cells b) Stem cell differentiate into squamous cells c) De-differentiation of columnar cells "Grading" of umours signifies: a) Resemblanc: to is: of origin b) Aggressivene of functor c) Spread of tumour in the body For a malignant tumour to establish certain one in your opinion is of paramount important a) Autonomous growth potential b) Sustained angiogenesis	the washroom and got fractually and a reduced muscle mass. d) (Ischemic and de) Ischemic a	isuse atrophy enervation atrophy amous metaplasia. This of mesenchymal cells al rentiation re a pre-requisite. Which
Q.36 Q.37 Q.38	a) One chance in two b) One chance in four c) No chance A 70-year old diabetic female slipped in femur. Internal fixation was carried out a gradual thinning of her right thigh and leg can explain this change? a) Disuse atrophy b) Ischemic atrophy c) Denervation atrophy Bronchial mucosa in a 40 year-old chronic change results from: a) Columnar lining cells change into squamous cells b) Stem cell differentiate into squamous cells c) De-differentiation of columnar cells "Grading" of 'umours signifies: a) Resemblance to issue of origin b) Aggressivene of functor c) Spread of tumour in the body For a malignant tumour to establish certain one in your opinion is of paramount importance in your opinion is of paramount importance. b) Sustained angiogenesis c) Insensitivity to growth inhibitory signals	the washroom and got fractually and a reduced muscle mass. d) (Ischemic and de) Ischemic a	isuse atrophy enervation atrophy amous metaplasia. This of mesenchymal cells al rentiation re a pre-requisite. Which ation ptosis ervix production. One of
Q.36 Q.37 Q.38	a) One chance in two b) One chance in four c) No chance A 70-year old diabetic female slipped in femur. Internal fixation was carried out a gradual thinning of her right thigh and leg can explain this change? a) Disuse atrophy b) Ischemic atrophy c) Denervation atrophy Bronchial mucosa in a 40 year-old chronic change results from: a) Columnar lining cells change into squamous cells b) Stem cell differentiate into squamous cells c) De-differentiation of columnar cells "Grading" of 'umours signifies: a) Resemblanc: to is: of origin b) Aggressivene of functur c) Spread of tumour in the body For a malignant tumour to establish certain one in your opinion is of paramount importance in your opinion in your	the washroom and got fractually and a reduced muscle mass. d) (Ischemic and de) Ischemic a	isuse atrophy enervation atrophy amous metaplasia. This of mesenchymal cells al rentiation re a pre-requisite. Which ation ptosis ervix production. One of diated degradation degradation of p53
Q.36 Q.37 Q.38	a) One chance in two b) One chance in four c) No chance A 70-year old diabetic female slipped in femur. Internal fixation was carried out a gradual thinning of her right thigh and leg can explain this change? a) Disuse atrophy b) Ischemic atrophy c) Denervation atrophy Bronchial mucosa in a 40 year-old chronic change results from: a) Columnar lining cells change into squamous cells b) Stem cell differentiate into squamous cells c) De-differentiation of columnar cells "Grading" of 'umours signifies: a) Resemblanc to see of origin b) Aggressivene of function c) Spread of tumour in the body For a malignant tumour to establish certain one in your opinion is of paramount importance in your opinion is of pa	the washroom and got fractund she was bed ridden for for and a reduced muscle mass. d) Ischemic and de) Isc	isuse atrophy enervation atrophy amous metaplasia. This of mesenchymal cells al rentiation re a pre-requisite. Which ation ptosis ervix production. One of diated degradation degradation of p53

0.4.

G.Patho	MCQ 2013 Uploade	d By Zaheer Qureshi
	CONTROL AND ADMINISTRATION OF THE PERSON OF	errelar trestment in an established case of pulmonary T.B of the following drugs should not be included: d) Ities e) Pyrizinamide
	a) Ethameirin	
	a) Curvical carrier	d) Peripheral neuropathy e) Coronary heart disease
	o) Charles after 15th day of his Birth d	ue to congenital anomalies. This death will be categorised
	a) Pormatal b) Early neuratel	e) Post neonatal
Q.	23 An educated mother reported to a well	baby clinic with her 7th month old child. She was worried best single measure for assessing the physical growth in
	this age ini a) Reight for age b) Weight for age c) Chest/head ratio	d) Skin fold thickness e) Mid upper arm circumference
	4 A child is said to be doing child labour w	tion his age is less than:
Q.2	a) 12 years b) 15 years c) 17 years	d) 18 years e) 10 years
Q.25		a psychiatrist. She complains that the boy starts feeling and becomes airight when back. His academic record is
	a) Nental retardation b) Habit disorder c) Psychomotor disorder	d) Educational difficulties e) Juvenile delinquency
Q.26	A 35 years old person presented will dependence on a substance. On examin abused substance is:	th loss of weight and appetite. He also admitted his ation, he had palmar crythema and ataxic gait. The likely
	a) Cocaine b) Barbiturates c) Heroin	d) Tobacco e) Alcohol
Q.27	The most important factor which makes	smoking cessation programme successful is:
	a) A well planned programme b) The drive of smoker to stop smoking c) Availability of replacement therapy	d) Advice by a competent doctor e) Follow up programme
2.28	The measures taken against a health pro	blem to prevent its occurrence in a population where it is
	a) Primary prevention b) Secondary prevention c) Tertiary prevention	d) Special prevention e) Primordial prevention
.29	electricity arrangements in the village provide each household with one Paki primary health care has been acted upon	
	a) Multi-sectoral approach b) Appropriate technology c) Community participation	d) Equitable distribution e) Self reliance
	recovered but was very upset despite h school annual athletics. His fallure to pa a) Disability	d) Handicap
3	b) Accident	e) Disappointment

c) Impairment

G.Patho MC	CQ 2013	Uploaded By Zaheer Qu	arechi	Uploaded by: ZAF	HEER QURES
0.19	morphological features wo	versible and irreversible cel uld be strongly suggestive o	f irreversible injury	1	llowing
	a) Marked swelling of mitoche amorphous densities b) Cytoplasmic blebs on plast	ondria with	d) Disaggregation (e) Dilatation of end	or polysomis	n
	c) Loss of microvilli				77
Q.20	finding in the biopsy from	dying in a road side accide in liver was presence of go e the possible nature of this	iden brown pigme	rried out. An inc nt in the cytop	cidental lasm of
	b) Lipofuscin C c) Haemosidirin		e) Iron		
Q.21	humphadananathy Hie lym	northern hilly areas of Pa oph node biopsy shows non with x-ray showing calcificat	ion of renal parenci	hyma. What can	evelups
	a) Metastatic calcification		c' Metastatic bone		
	 b) Renal stones c) Dystropnic calcification 		E) Hyperparathyroi	distri	
Q.22	A patient who had a long s	tanding history o. he joint o nder, swollen ankle joint .	HO WAS DEED DEED	PERSONAL PROPERTY.	I + Po character
	and signs subsided. Which his medication?	of the following mechanism	n would explain be	St the beneficial	role of
	a) Suppression of prostagland	din synthesis	d Suppression of che		
	 b) Vascular dilatation c) Suppression of platelet agg 	gregation	e granding of chi	SHOCANIS	
Q.23	Bradykinin performs impo	rtant role in vascular pher	ornenon of acute	inflammatory re	eaction.
	Locally its action is very sh a) It undergoes spontaneous	ort lived however. Why?	Dissolves out in		
	b) Degraded enzymaticaly	10		ctive components	
	c) Synthesis is limited .	1	1 111 1		
Q.24	At the site of acute inflam the process. Their beneficia	matory reaction leukocytes al functions at the focalisite a http://www.acaophoto.com	come out of the blare mainly achieved	ood vessels to r due to:	nediate
	a) neuronon	nttp://www.acaopnoto.com	n () Maturation e) Adhesion	,	
	b) Chemotaxis c) Degradation	MA	(3)	7.8	
0,25	cita After few weeks a fi	a-absorbable suture material	Elopsy was carrie	ed out. On micr	oscopic
	lesion?	which of the following cells		, to the matere	G, ()
	a) Neutrophils b) Macrophages	217	 d) Eosinophils e) Foreign body gla 	nt cells *	
	c) Epitheloid cell	0	- 15 · 15 · 15 · 15		
Q.26	Which of the following typ	actions, the inflammation, no ses of necrosis can help yo	ecrosis and repair p u diagnose the eti	roceed simultan ology of a patho	eously. ological
	lesion with confidence? a) Caseation necrosis		d) Gangrenous nec		
	b) Liquefactive necrosis c) Fat necrosis		s) Coagulative necr	osis	
Q.27	A young is a gett an atta	ck of lobar pneumonia due	e to contain the ii	nfection. He is fo nfection. Which	ound to of the
	following disturbed defence a) Defective microbial killing	mechanism bes. explains h	 problem? Defective adhesi 		
	b) Defective opsonisation c) Defective neutrophil actival	tion	e) Defective vasodi	latation	
0.28	the feg. Child got prompt e time period. In your opinion	ought to the hospital after remergency care. The wound in which of the following fact	ors played major ro	le in delayed hea	pected
	a) Protein calorie mainutrition Dinfection Diasels C) Foreign body interposition		d) Excessive mobilit e) Ischemia	.7	
00		tive healing by secondary in	tension is:		
()	a) Skin grafting		 Apposition of wo 	und edges	
	b) Application of sutures c) Granulation tissue formation	n ~	(Fibroblastic proli	EL STOLL)	

.P	atho MCC		********
	Q.9	The formation of granulomas is seen in major system	mic fungal infections. Which of the following
	Q.5	a) Aspergillus, Coccidioldes, Cryptococcus. b) Epidermophyton, Blastomyces, Trichophyton.	d) Coccidioides, Blastomyces, Histolasma. — e) Gucor, Candida, Malassezia.
		c) Cladosporium, aspergillus, Microsporium.	
	Q.10	Histoplasma capsulatum, a dimorphic fungus, is fou Which of the following statements best describe	nd in soil contaminated with bird droppings. s the presence of the organism in tissue
		biopsies?	d) Spherules containing endospores.
		 a) Arthospores. b) Oval budding yeasts inside macrophages. c) Single-cell yeasts with pseudohyphae. 	e) Yeasts with broad based bud.
	Q.11	Septate hyphae are seen in lung biopsy tissue st organism is which one of the following:	d) Histoplasma capsulatum.
		a) Rhizopus.	e) Blastomyces dermatitidis.
		b) Aspergillus. C	
		In fungi, conidia may be described by which of the fo	ollowina?
	Q.12	a) Asexual spores.	
		b) Sexual spores.	e) Aerial mycelium.
		c) Bits of hyphae.	the same with favor and
/	Q.13	A 26-years old obstetric patient becomes ill during to lymphadenopathy. She is found to have titre of antifull-term baby with no apparent signs of in utero infection in the neonate would be parasite-specific E	infection. The best test to diagnose acute LISA for which isotype of immunoglobulin?
		a) IgA	IgG / IgM
,		b) IgD c) IgE	
		// /	ching
,	Q.14	When a B-cell undergoes immunoglobulin class swit a) The variable region of the light chain changes, but its constant region remains gistered Versio the same. http://www.acceptains.	remains the same but its constant region
100	cerr	b) The variable region of the light chain remains the same, but its constant region (c) (345.45364)	change
13	Same of the same o	c) The variable region of the heavy chain changes but its constant region remains the same	
	Q.15	A 20-year-old medical student presents for evaluate episode in which he was stung on the forearm be pruritus, urticaria, and mild wheezing. The effector	y a bee and, within 5 minutes, experienced cell in this type of nypersensitivity is a(n)
		a) eosinophil b) megakaryocyte c) neutrophil	e) TH1 CD4+ lymphocyte
	Q.16	A 32-year-old technician working in the Immu- eczematous dermatitis on her hands and wrist in the The skin of her hands was dry, crusted, and thicke 2-week vacation. After 72 hours back on the journal of the following	ned. The eczematous reaction cleared after a
		latex gloves? a) Irritant dermatitis	d Type III reaction
		b) Type I reaction	€ Type IV reaction ✓
		c) Type II reaction	
	217	An IgG1 molecule is composed of which of the followa) One alpha, one gamma2, and two kappa	C THO GOTTON
	1	chains	chains e. Two gamma1 chains and two kappa
	1	b) One gamma1 chain and two kappa chains c) Two gamma1 chains and one kappa and one lambda chain	chains
			warrials sell injury Which of the following
	Q.18	Cellular swelling (hydropic change) is a sign of underlying pathogenetic mechanism is responsible a) Decreased protein synthesis	c DNA damage 1 1
	950	b) Decreased ATP 1995	ு அலைவ்லி samage ாட்டி
		- manufacture to the print y	

b) Decreased ATP | mr 1/2 🗸

and the second of the second

Optobreletol gamage (18) 1



Q.9

a) Chlamydia pneumsolije.
b) Haemophilus influence.
c) Mycoplasma pneumophiae.

MBBS SECOND PROFESSIONAL

General Pathology and Microbiology

(Multiple Choice Questions)

Signature of Candidate

Roll No.

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otal Marks: 65	UMA

	1 hour 05 Minutes	
Title.	1 Hour of Filliates	MCQ Paper ID M S G A 0 9 5 5 8 9 2 2
Instr	i. Read the instructions on the MCC ii. Attempt all questions. iii. Question Paper to be returned all iv. Candidates are strictly prohibited Signature in the specified column	long with MCQ Response Form. If to give any identification mark except Roll No. &
Q.1	What is the structure that is found in grama) Capsule b) Cell Wall c) Cytoplasmic membrane	negative but not in the gram-positive bacteria? (d) Outer membrane. e) Endospore
Q.2	The ability of a cell to bind DNA to its surf process? a) Conjugation. b) Generalized transduction. c) Transformation.	d) Site-specific recombination. e) Specialized transduction.
Q.3	a) Antiseptic. b) Bactericidal agent. Simb Bo	ed into a growing culture of bacteria, would halt the owth to resume? Ok Shop e) Sterilizing agent.
Q.4		bone is the most likely to cause fever and hypotension (d) Lipopolysaccharide.
Q.5		d) Growth of the organism in 6.5% sodium chloride. e) Polymerase chain reaction.
Q.6	A 30-year-old man develops a pelvic absormost likely causative agent(s)? a) Candida albicans b) Bacteroides species and microaerochillic streptococci. c) Enterobacter aerogenes	d) Haemophilus influenzae group B e) Streptococcus viridans
Q.7	material taken from the chance reveals s would be used to confirm the diagnosis? a) Gram stain b) Fluorescent antibody test.	ncres on her vaginal mucosa. Dark field microscopy of piral-shaped organisms. Which of the following tests OOK Shape d) Rapid plasma regain (RPR) assay e) Western blot
Q.8	A 19-year-old medical student was brought	d5 9 5 4 5 6 to the emergency department by his room mate with and vomiting. Which of the following describes the d) Gram-positive cocci, alpha haemolytic, optochin sensitive e) Gram-positive rods, growth at 4°C

Which of the following organisms is the most common cause of community-acquired pneumonia?

d) Staphylococcus aureus.
e) Streptococcus pneumoniae.



MBBS SECOND PROFESSIONAL

General Pathology and Microbiology

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Signature of Candidate

Roll No.

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Time: 1 hour 05 Minutes

MCQ Paper ID M S G A 0 9 5 5 8 9 2 2

- Instructions: i. Read the instructions on the MCQ Response Form carefully.
 - ii. Attempt all questions.
 - iii. Question Paper to be returned along with MCQ Response Form.
 - iv. Candidates are strictly prohibited to give any identification mark except Roll No. & Signature in the specified columns only.
- Q.1 What is the structure that is found in gram-negative but not in the gram-positive bacteria?
 - a) Capsule
 - b) Cell Wall

 - c) Cytoplasmic membrane

- d) Outer membrane.
- e) Endospore

The ability of a cell to bind DNA to its surface and import it, is required for which of the genetic Q.2 process?

- a) Conjugation. b) Generalized transduction.
- c) Transformation.

- d) Site-specific recombination.
 e) Specialized transduction.
- Which of the following agents, if introduced into a growing culture of bacteria, would halt the Q.3 growth but, if removed, would allow the growth to resume?

 - b) Bactericidal agent.

 - c) Bacteriostatic agent.
- Sims Book Shop
- d) Disinfectant.
 e) Sterilizing agent.
 - 0345-4595456
- Of the following virulence factors, which one is the most likely to cause fever and hypotension Q.4 associated with bacterial infections:
 - a) Pilus.
 - b) Capsule.
 - c) Lecithenase.

-) Lipopolysaccharide. V
- e) M Protein
- A 3-year-old boy develops several honey-cristed Versions behind his ears and on his face. The simplest test for a microbiologist to determine the genus of bacteria responsible for this child's Q.5 illness is the:
 - a) Coagulase test.
 - b) Catalase test.
 - c) Hemolysis pattern on blood agar.

- d) Growth of the organism in 6.5% sodium chloride.
- Polymerase chain reaction.
- A 30-year-old man develops a pelvic abscess following a ruptured appendix. What is/are the most likely causative agent(s)? Q.6
 - a) Candida albicans
 - b) Bacteroides species and microaerophillic streptococci.
 - c) Enterobacter aerogenes,

- d) Haemophilus influenzae group B
- e) Streptococcus viridans
- A 30-year-old female develops painless chancres on her vaginal mucosa. Dark field microscopy of Q.7 material taken from the chancre reveals spiral-shaped organisms. Which of the following tests would be used to confirm the diagnosis?
 - a) Gram stain
 - b) Fluorescent antibody test.
 - c) PCR

- Sim Book Shop d) Rapid plasma regain (RPR) assay e) Western blot

 - 0345-4595456
- A 19-year-old medical student was brought to the emergency department by his room mate with Q.8 a petechial rash, headache, nuchal rigidity, and vomiting. Which of the following describes the most likely causative agent?
 - a) Gram-negative cocci, capsulated, ferments maltose.
 - b) Gram-negative cocci, ferments glucose only
 - c) Gram-negative coccobacilli, capsular serotype b

- d) Gram-positive cocci, alpha haemolytic, optochin sensitive.
- e) Gram-positive rods, growth at 4°C
- Q.9 Which of the following organisms is the most common cause of community-acquired pneumonia?

 - a) Chlamydia pneumoniae. b) Haemophilus infligenzae.
 - c) Mycoplasma pneochaniae.

- d) Staphylococcus aureus.
- e) Streptococcus pneumoniae.

Uploaded By Zaheer Qureshi A man, who had been working in a ship breaking industry for the last ten years, presents with irritant cough, dysphoea on exertion and chest pain. His total lung capacity is impaired and chest irritant cough, dysphoea on exertion the lung fields. What is your most probable dispusses these spow-storm appearance in the lung fields. A man, who had been worked and chest part has total lung capacity is impaired and chest part total lung capacity is imp a) Silicosis b) Asbestosis Anthrocosis

A group of workers underwent complete blood examination on annual medical check up, 70% of group of workers underwent complete blood examination on annual medical check up, 70% of Marchael Stippling of RBCs. Which chemical is causing the problem: A group of workers underwent complete blood annual of them showed stippling of RBCs. Which chemical is causing the problem:

(d) Mercure 0.62 a) Lead b) Phosphorous Which one of the following is not true regarding occupational cancers: d) Average age incidence is earlier than that a) Appear after prolonged exposure of cancers in general population b) Cancer does not develop after cessation of e) Localisation of the tumours is remarkably 0.63 constant in any one occupation exposure c) Period between exposure and development of cancer may be 10 to 25 In a glass factory some workers have developed silicosis, you being medical officer employed. What measures would you recommend to prevent this problem; d) Rigorous dust control 64 a) Pre-placement examination e) Substitution b) Personal hygiene c) Periodic x-rays (chest) The results of a 100ml sample of drinking water as follows: Coliform organisms 65 negative/100ml E. coli organism 5 ppm Fluoride ova +ve Which disease is most likely to develop in the users of that area? d) Ankylostomiasis e) Schistosomlasis a) Fluorosis b) Caries (Dental) (Copyright protected University of Health Sciences) c) Ascarlasis

A man, who had been working in a ship breaking industry for the last ten years, presents with irritant cough, dysphoea on exertion and chest pain. His total lung capacity is impaired and chest irritant cough, dysphoea on exertion the lung fields. What is your most probable dispusses these spow-storm appearance in the lung fields. A man, who had been worked and chest part has total lung capacity is impaired and the lung fields. What is your most probable diagnosis:

x-rays shows snow-storm appearance in the lung fields. What is your most probable diagnosis:

a) Bagassosis

e) Byssingsi a) Silicosis b) Asbestosis Anthrocosis

A group of workers underwent complete blood examination on annual medical check up, 70% of group of workers underwent complete blood examination on annual medical check up, 70% of Marchael Stippling of RBCs. Which chemical is causing the problem: A group of workers underwent complete blood in annual representation on annual representation of 0.62 a) Lead b) Phosphorous Which one of the following is not true regarding occupational cancers: d) Average age incidence is earlier than that a) Appear after prolonged exposure of cancers in general population e) Localisation of the tumours is remarkably b) Cancer does not develop after cessation of 0.63 constant in any one occupation exposure c) Period between exposure and development of cancer may be 10 to 25 In a glass factory some workers have developed silicosis, you being medical officer employed. What measures would you recommend to prevent this problem; d) Rigorous dust control 64 a) Pre-placement examination e) Substitution b) Personal hygiene c) Periodic x-rays (chest) The results of a 100ml sample of drinking water as follows: Coliform organisms 65 negative/100ml E. coli organism 5 ppm Fluoride ova +ve Which disease is most likely to develop in the users of that area? d) Ankylostomiasis e) Schistosomlasis a) Fluorosis b) Caries (Dental) (Copyright protected University of Health Sciences) c) Ascarlasis