## PGM-CET 2014 QUESTION BOOKLET

Question Booklet Version	PGM - CET - 2014 Roll No.	Question Booklet Sr. No.
Question Bookiet version		
<b>4 4</b> Forty Four	Answer Sheet No.	(Write this number on
(Write this number on your Answer Sheet)		your Answer Sheet)

Day and Date: Sunday, 5th January 2014 Duration: 3 Hours 30 Minutes

Time: 10.00 a.m. to 1.30 p.m. Total Marks: 300

This is to certify that, the entries of PGM-CET Roll No. and Answer Sheet No. have been correctly written and verified.

Candidate's Signature

Invigilator's Signature

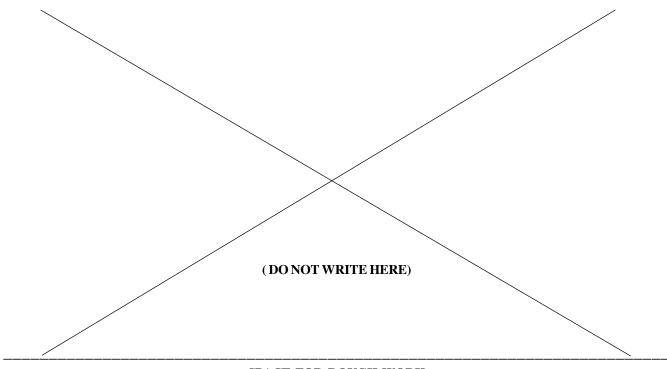
## **Instructions to Candidates**

- 1. The Question Booklet has one seal sticker. Examinee should open the seal at 10.00 a.m.
- 2. This question booklet contains 300 Objective Type Questions (Single Best Response Type MCQ) in the subjects of MBBS.
- 3. The **Question Paper** and **OMR** (**Optical Mark Reader**) **Answer Sheets** are issued to examinees separately at the beginning of the examination session.
- 4. Choice and sequence for attempting questions will be as per the convenience of the candidate.
- 5. Candidate should carefully read the instructions printed on the Question Booklet and Answer Sheet and make the correct entries on the Answer Sheet. As Answer Sheets are designed to suit the OPTICAL MARK READER (OMR) SYSTEM, special care should be taken to mark appropriate entries/answers correctly. Special care should be taken to fill QUESTION BOOKLET VERSION, QUESTION BOOKLET SERIAL No. and PGM-CET Roll No. accurately. The correctness of entries has to be cross-checked by the invigilators. The candidate must sign on the Answer Sheet and Question Booklet.
- 6. Read each question carefully.

  Determine **ONE** correct answer from out of the four available options given for each question.

  All the candidates are instructed to **carefully see in Question Booklet the Serial No. of MCQ and the sequence of options A), B), C) and D) in the MCQ while entering the answer in the Answer Sheet.**
- 7. Fill the appropriate circle completely like this •, for answering the particular question, with **Black ink Ball point pen only**, in the OMR Answer Sheet. Candidate should completely darken one and the only one best response (oval). Candidate should not use any other method for answering i.e half circle, dot, tick mark, cross etc. as these may not be read by the scanner. Answer sheet of each candidate will be evaluated by computerized scanning method only (Optical Mark Reader) and there will not be any manual checking during evaluation and verification.
- 8. Each answer with correct response shall be awarded one (1) mark. There is **No Negative Marking**. If the examinee has marked two or more answers or has done scratching and overwriting in the Answer Sheet in response to any question, or has marked the circles inappropriately, mark(s) shall NOT be awarded for such answer/s.
- 9. Use of whitener or any other material to erase/hide the circle once filled is not permitted. Avoid overwriting and/or striking of answers once marked.
- 10. Rough work should be done only on the blank space provided on the Question Booklet. **Rough work should not be done on the Answer Sheet.**
- 11. Confirm that both the candidate and invigilator have signed on question booklet and answersheet. Immediately after the prescribed examination time is over, the **Question Booklet and Answer Sheet are to be returned to the invigilator.**
- 12. No candidate is allowed to leave the examination hall till the examination session is over.

P.T.O.



SPACE FOR ROUGH WORK



1.	Formation of Oka	saki fragments occ	curs	in	
	A) Transcription		B)	Replication	
	C) Translation		D)	Reverse transcr	iption
2.	Respiratory acidos	sis is characterized	l by	primary	
	A) deficit of carbo	onic acid	B)	excess of carbon	nic acid
	C) deficit of bicar	rbonate	D)	excess of bicart	oonate
3. Which of the following enzymes pro- substrate level phosphorylation ?			duc	e a product used	for synthesis of ATP by
	A) Phosphofructo	kinase	B)	Aldolase	
	C) Phosphoglycer	ate mutase	D)	Enolase	
4.	The lipoprotein wit	th the fastest electro	pho	retic mobility and	the lowest TG content is
	A) VLDL	B) HDL	C)	LDL	D) Chylomicrons
5.	UDP glucuronyl t	ransferase deficier	icy :	results in	
	A) Gilbert's disea		•	Dubin-Johnson	syndrome
	C) Crigler-Näjjar	syndrome	D)	Rotor syndrome	<i>,</i>
6.	6. Admission to Nutrition Rehabilitation center for severe Acute Malnourished child between 6 months to 5 years is all <u>EXCEPT</u>				
	A) wt/ht $< -3$ SD		B)	MUAC < 11.5 c	m
	C) $wt < 2$ SD for a	age	D)	Bilateral pedal	edema
7.	Which of the follo	owing is a class II		•	?
	A) Propranolol			Digoxin	
	C) Amidarone		D)	Lidocaine	
8.	Acute febrile illne is seen in	ess with vasculitis	hav	ing predilection f	for the coronary arteries
	A) Kawasaki dise	ase	B)	Adenovirus infe	ection
	C) Diphtheria		D)	Measles	
9.		ic hemolytic and ommonly seen in y			ocytopenia and renal
	A) Sickle cell ane	mia	B)	Hemolytic urem	ic syndrome
	C) Malaria		D)	S.L.E (systemic	lupus erythematosus)
10.	Cherry red skin is	seen in which poi	soni	ing?	
	A) Cyanide		B)	Methhaemoglob	oineuria
	C) Methanol		D)	Carbon monoxi	de

11. If woman desires future fertility in case of early carcinoma of cervix (stage I) her

best option is



	A) Radiotherapy  P) Cone Bioney	
	B) Cone Biopsy C) Contarigation	
	C) Cauterization  D) Radiala trashallatamy with poly	via nada dissantian
	D) Radicle tracheolectomy with pelv	
12.	Most common cause of supracellar children on C.T. scan is	enlargement with calcification in brain in
	A) Craniopharyngioma	B) Astrocytoma
	C) Meningioma	D) Supracellar tuberculoma
13.	Hyperdense basal ganglia and hyperdiagnostic of	odensity of the white matter on CT scan is
	A) Alexander's Disease	B) Krabbe's Disease
	C) Canavan's Disease	D) Metachromatic leukodystrophy
14.	· · · · · · · · · · · · · · · · · · ·	of malignant GIST of gastrointestinal tract?
	<ul><li>A) Lobulated contour</li><li>B) Striking absence of regional lym</li></ul>	nhadenonathy
	C) Endophytic growth	phademopanty
	D) Tumor homogenecity	
15.		congenital hypertrophic pyloric stenosis is
	A) Scintigraphy	B) MRI
	C) CT Scan	D) Ultrasonography
16.	Which of the following contributes t diaphragm?	o the development of the thoraco-abdominal
	1 0	B) Dorsal mesentery of oesophagus
	•	D) Intermediate mesoderm
17.	. 1	pierced while tapping of pleural fluid in
	A) Pectoralis Major	B) Transverse thoracis
	C) Serratus Anterior	D) External oblique
18.	A stab wound to the arm severs the resulting in	e musculocutaneous nerve in a young girl
	A) Loss of sensations on medical as	pect of forearm
	B) Weakness in supination of the fo	
	C) Difficulty in extending the elbow	
	D) Paralysis of Teres major muscle	
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19.	Incudo-stapedial joint is which type	of synovial joint ?
	A) Plain	B) Saddle
	C) Ball and Socket	D) Condylar
20.	Recurrent laryngeal nerve supplies for	ollowing muscles <u>EXCEPT</u>
	A) Posterior cricoarytenoid	B) Lateral cricoarytenoid
	C) Cricothyroid	D) Oblique artenoid
21.	Mecasermin is indicated in	
	A) Active or suspected neoplasia	
	B) Intracranial hypertension  (C) Impaired growth due to CII define	aiomay.
	<ul><li>C) Impaired growth due to GH-defice</li><li>D) Enlarged tonsils due to lymphoice</li></ul>	•
22		
22.	Antiepileptic action of phenobarbito A) Vit. B <sub>12</sub>	B) Vit. C
	C) Folic acid	D) Iron preparations
23	NSAIDS are commonly used as first	
23.	A) Malignancy	B) Migraine
	C) Neuropathy	D) Visceral pain except dysmenorrhea
24.	Chemokine co-receptor 5 (CCR 5) in	
	A) Enfuvirtide B) Maraviroc	
25.	Tiprolisant is	
	A) H <sub>3</sub> Receptor agonist	B) H <sub>3</sub> Receptor antagonist
	C) Partial H <sub>3</sub> Receptor agonist	D) Inverse H <sub>3</sub> Receptor agonist
26.	$T_1$ and $T_2$ images are features of one	e of diagnostic modality enumerated below
	A) USG B) CT Scan	C) PETCT D) MRI
27.	Hysterosalpingography Procedure (H	HSG) should be performed
	A) During ovulation period	
	B) Just after ovulation period	11
	<ul><li>C) During the period of menstrual b</li><li>D) In first half of menstrual cycle, f</li></ul>	
20	•	
28.	A) Anteriorly	ough foramen of Bochdalek is situated  B) Postero laterally
	C) Diaphragmatic hiatus	D) Antero laterally
29	Absence of clavicle is a feature of	· · ·
	A) Cleido cranial dysplasia	B) Multiple epiphyseal dysplasia
	C) Fibrous dysplasia	D) Cranio-metaphyseal dysplasia
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30.	In Radiotherapy, electrons are mostl	y us	sed to treat	
	A) Prostate cancer	B)	Brain tumours	
	C) Retinal Malignancies	D)	Skin cancers	
31.	Which one of the following is NOT	a fe	ature of type two	respiratory failure?
	A) PCO <sub>2</sub> 38 mm Hg	B)	PCO <sub>2</sub> 68 mm Hg	7
	$PO_2$ 50 mm Hg		$PO_2$ 50 mm Hg	
	C) Papilledema	D)	Asterixis	
32.	Which of the following is most specif hypertension?	ic a	nd sensitive scree	ning test in renovascular
	A) HRCT abdomen			
	B) CT guided angiography			
	C) Captopril induced radionuclide s	can		
	D) MRI abdomen			
33.	All of the following criteria are requ syndrome EXCEPT		_	_
	A) Hypertension		$BMI \ge 30 \text{ kg/m}^2$	
	C) Sleep disordered breathing	D)	$PaCO_2 \ge 45 \text{ mm}$	n of Hg
34.	All of the following are complication	is o	f acute pancreatit	is <u>EXCEPT</u>
	A) Hyperglycemia	B)	Hyperkalemia	
	C) Hypertriglyceridemia	D)	Hypocalcemia	
35.	The precore mutants in Hepatitis B a	are o	characterised by 1	notable absence of
	A) HBV DNA	B)	HBeAg	
	C) HBcAg	D)	Anti HBeAg	
36.	The maternal uniparental disomy for	chi	romosome 15 res	ults in
	A) Angelman Syndrome	B)	Prader – Willi S	yndrome
	C) Pallister – Killian Syndrome	D)	Hypomelanosis	of ITO
37.	13 year old female child presented respiratory distress, Haematuria necrotizing granuloma. The anti protediagnosis is	and	hypertension.	Renal Biopsy showed
	A) Polyarteritis Nodosa	B)	) Wegener's Granulomatosis	
	C) Microscopic Polyangitis	D)	Churg-Strauss S	yndrome
38.	The average whey/casein ratio in Bro	east	milk is	
	A) 60:40 B) 80:20		20:80	D) 40:60
39.	Most common cause of Bronchiolitis	s in	children is	
	A) Adenovirus B) Measles	C)	RSV	D) Poliovirus

40.	"Sweaty feet" odour to urine oc	curs in	
	A) Homocystinurea	B) Isovaleric ac	ridemia
	C) Phenylketonuria	D) Alkaptonuria	a
41.	The floating tip of the iceberg r	epresents	_ cases.
	A) Clinical	B) Latent	
	C) Presymptomatic	D) Inapparent	
42.	Which of the following is NO management?	T included as funda	mental aspects of disaster
	A) Disaster prevention	B) Disaster Res	ponse
	C) Disaster preparedness	D) Disaster miti	gation
43.	Which of the following is NOT	an <u>approach</u> of health	education ?
	A) Regulatory	B) Primary heal	th care
	C) Service	D) Management	İ.
44.	All of the following categories method of Incineration EXCEPT		can be disposed of by the
	A) Category 1	B) Category 2	
	C) Category 3	D) Category 4	
45.	Consumption of which of the f Pellagra?	ollowing cereal as sta	aple diet is associated with
	A) Rice B) Wheat	C) Maize	D) Bajara
46.	Hydrolytic enzymes are found i	n	
	A) Ribosomes	B) Lysosomes	
	C) Golgi Apparatus	D) Peroxisome	
47.	The symptoms of dietary deficiences severe if the diet has a high	-	results in pellagra) will be
	A) Trypophan B) Tyrosine	C) Thymine	D) Thiamine
48.	All of the following are electron	carriers in the electro	on transport chain <b>EXCEPT</b>
	A) Coenzyme Q B) Fe-S cent	res C) Cytochromes	s D) Hemoglobin
49.	Which one of the following concreadily?	litions causes hemoglo	obin to release oxygen more
	A) Metabolic Alkalosis		
	B) Hyperventilation, leading to	decreased levels of C	O <sub>2</sub> in the blood
	C) Increased production of 2, 3		4
	D) Replacement of β subunits v		•
50.	All of the following are the sour	ces for Gluconeogene	sis EXCEPT
	A) Lactate B) Glycerol		

51. Respiratory toxicity of oxygen therapy can result in all **EXCEPT** 

A) increased pulmonary compliance



	B) ARDS like syndrome	
	C) pulmonary atelectasis	
	D) bronchopulmonary dysplasia in	newborn
52.	During airway management in an cervical injury, one of the following	unconscious trauma patient with possible should be avoided
	A) jaw thrust maneuver	B) neck hyperextension
	C) manual neck stabilisation	D) application of cervical collar
53.	The local anaesthetic with highest c	ardiotoxicity is
	A) Lignocaine	B) Bupivacaine
	C) Levo-bupivacaine	D) Procaine
54.	Least pungent inhalational induction	agent for children is
	A) Halothane	B) Sevoflurane
	C) Isoflurane	D) Desflurane
55.	<ul><li>An Aplastic crisis and sequestration one of the following disease ?</li><li>A) Thalassemia</li><li>B) Sickle cell disease</li><li>C) Aplastic anaemia</li><li>D) Glucose 6 phosphate dehydroge</li></ul>	crisis during Anaesthesia can occur in which nase deficiency
56.	<ul><li>Which of the below is an example of A) Measuring pulse rate</li><li>B) Enumerating causes of obesity</li><li>C) Motivating a person for blood do</li><li>D) Arriving at differential diagnosis</li></ul>	onation
57.	Which of the oils given below is the	best source of linoleic acid?
	A) Ground nut	B) Mustard
	C) Palm	D) Coconut
58.	In which phase of demographic cycl	e is India now ?
	A) High stationary	B) Early expanding
	C) Late expanding	D) Low stationary
59.	In patient with Malaria, if fever has following is likely to be causative as	s periodicity of 72 hours, which one of the gent ?
	A) P. falciparum	B) P. vivax
DC:	C) P. ovale	D) P. malariae
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60.	In clinical trials or A) Matching cases B) Randomization C) Proper selection D) Properly measurements	s and controls of study subjects n of cases and con	ntro	ls	own confounders by
61.	The blood index wA) MCV	which reflects iron B) MCH		•	urately is D) PCV
62.	Councilman bodie A) Wilson disease C) Alcoholic hepa		-	Acute viral hepa	
63.	Krukenberg tumou A) Stomach C) Central nervou	-	B)	earcinoma of Lung Thyroid	
64.	Formation of grand A) Thrombosed von C) Budding of new	essels	B)	Infiltration of ce	
65.	The appearance of A) Pyogenic meni C) Tuberculous m	ngitis	B)	CSF indicates Viral meningitis Fungal meningit	1
66.	Shoulder dystocia A) Preterm birth C) Postdated preg			Placenta previa Polyhydramnios	S
67.	Commonest cause A) Eclampsia C) Obstructed label		B)	y in India is Sepsis Haemorrhage	
68.	The most common A) Head & foot C) Head & cord	form of compour	B)	resentation during Head & hand Breech & hand	g labour is
69.	D-negative woman	n is			ry in a non-immunised
70.	<ul> <li>A) 100 μ gm</li> <li>In active managem</li> <li>A) After delivery</li> <li>B) After delivery</li> <li>C) At the delivery</li> <li>D) After postpartu</li> </ul>	of placenta of baby of Anterior shoul	f lal	bour, Inj methyle	_



	The doctor can refollowing circums	•	nal	secrets without the	ne consent of patient in
	A) Privileged con	nmunication	B)	Courts of Law	
	C) Newspaper		D)	Suspected crime	e to police
72.	Blisters/vesicles an	re seen in all the fo	ollov	wing cases, <u>EXC</u>	<u>EPT</u>
	A) Flame Burns		B)	Electric Burns	
	C) Brush Burns		D)	The margins of	hanging mark
73.	Priming Mixture i	n percussion cap o	of a	shotgun cartridge	e contains
	A) Potassium Chl	orate	B)	Potassium Nitra	te
	C) Potassium Car	bonate	D)	Potassium Oxal	ate
74.	Responsibility and	l is included in Se	ec		s the Law of Criminal
	A) 84 IPC	B) 85 IPC	<b>C</b> )	89 IPC	D) 91 IPC
75.	Following are the				lation <u>EXCEPT</u>
	A) Ligature mark		_		
	B) Ecchymosis ab	_	_		
	<ul><li>C) Dribbling saliv</li><li>D) Fracture of thy</li></ul>	_	louu	1	
76	•	•			
/0.					ration in the plasma is urine flow is 2 mL/min?
	A) 10 mL/min	B) 12 mL/min		20 mL/min	D) 25 mL/min
	·	•	-		
	The dicrotic notch	on the aortic pres	ssure	e curve is caused	by the closure of
77.	The dicrotic notch A) mitral valve	on the aortic pres		curve is caused tricuspid valve	by the closure of
77.		on the aortic pres	B)		•
	<ul><li>A) mitral valve</li><li>C) aortic valve</li></ul>	•	B) D)	tricuspid valve pulmonary valv	e
	A) mitral valve	•	B) D)	tricuspid valve pulmonary valv	e
78.	<ul><li>A) mitral valve</li><li>C) aortic valve</li><li>Which of the follo</li><li>A) β MSH</li></ul>	owing pituitary hor B) ACTH	B) Cmoi	tricuspid valve pulmonary valvnes is an opioid μα MSH	e peptide ?
78.	<ul><li>A) mitral valve</li><li>C) aortic valve</li><li>Which of the follo</li><li>A) β MSH</li></ul>	owing pituitary hor B) ACTH	B) D) more C) ally	tricuspid valve pulmonary valv nes is an opioid p α MSH mediated increase	e peptide ? D) β endorphin
78. 79.	<ul><li>A) mitral valve</li><li>C) aortic valve</li><li>Which of the follo</li><li>A) β MSH</li><li>The neurotransmit</li></ul>	owing pituitary howing by ACTH ter producing vagated B) Substance P	B) The control of the	tricuspid valve pulmonary valv nes is an opioid p α MSH mediated increase GIP	e peptide ? D) β endorphin e in Gastrin secretion is
78. 79.	<ul> <li>A) mitral valve</li> <li>C) aortic valve</li> <li>Which of the follo</li> <li>A) β MSH</li> <li>The neurotransmit</li> <li>A) GRP</li> </ul>	owing pituitary howing by ACTH ter producing vagations. B) Substance Publishers carry afferent	B) Tmor C) ally C) at im	tricuspid valve pulmonary valv nes is an opioid p α MSH mediated increase GIP	e peptide ? D) β endorphin e in Gastrin secretion is D) Guanylin
78. 79.	<ul> <li>A) mitral valve</li> <li>C) aortic valve</li> <li>Which of the follo</li> <li>A) β MSH</li> <li>The neurotransmit</li> <li>A) GRP</li> <li>1b type of nerve f</li> </ul>	owing pituitary howing by ACTH ter producing vagations. B) Substance Publishers carry afferences.	B) Cmore C) ally C) at im B)	tricuspid valve pulmonary valv nes is an opioid p	e peptide ? D) β endorphin e in Gastrin secretion is D) Guanylin
78. 79. 80.	<ul> <li>A) mitral valve</li> <li>C) aortic valve</li> <li>Which of the followant</li> <li>A) β MSH</li> <li>The neurotransmit</li> <li>A) GRP</li> <li>1b type of nerve f</li> <li>A) Muscle spindle</li> </ul>	owing pituitary hor B) ACTH ter producing vaga B) Substance P libers carry afferences organs	B) Cmoor C) ally C) at im B) D)	tricuspid valve pulmonary valv nes is an opioid p α MSH mediated increase GIP npulses from Pacinian corpus Nociceptors	e peptide ? D) β endorphin e in Gastrin secretion is D) Guanylin
78. 79. 80.	<ul> <li>A) mitral valve</li> <li>C) aortic valve</li> <li>Which of the followant</li> <li>A) β MSH</li> <li>The neurotransmit</li> <li>A) GRP</li> <li>1b type of nerve f</li> <li>A) Muscle spindle</li> <li>C) Golgi tendon of</li> </ul>	owing pituitary hor B) ACTH ter producing vaga B) Substance P libers carry afferences organs s NOT associated	B) D) The control of	tricuspid valve pulmonary valv nes is an opioid p α MSH mediated increase GIP npulses from Pacinian corpus Nociceptors	e peptide ? D) β endorphin e in Gastrin secretion is D) Guanylin scles



82.	Ranson's criteria o	on admission does	<u>NC</u>	<u>T</u> include	
	A) WBC count		B)	Serum LDH	
	C) Serum AST		D)	Serum ALT	
83.	Drug of choice in	dermatitis herpeti	forn	nis	
	A) Steroid		B)	Phototherapy	
	C) Dapsone		D)	Methotrexate	
84.	Pseudo-Darier sign	n is seen in			
	A) Urticaria pigm	entosa	B)	Congenital smoo	oth muscle haematoma
	C) Xanthogranulo	oma	D)	Dermatofibroma	ı
85.	Scraping the surfa scaling. This sign		in	pityriasis versico	olor will accentuate the
	A) Nikolsky sign		B)	Auspitz sign	
	C) Coup D'ongle	sign	D)	Carpet tack sign	l
86.	The phacoemulsifi	cation probe has a	ı ha	llow needle made	e up of
	A) Titanium		B)	Gold	
	C) Copper		D)	Zinc	
87.	Epiphora occurs in	1			
	A) Iritis		B)	Trachoma	
	C) Chronic dacry	ocystitis	D)	Acute congestiv	e glaucoma
88.	Which of the following is an absolute contraindication of LASIK ?				
	A) Rheumatoid ar	thritis	B)	Keratoconus	
	C) Amblyopia		D)	Prior penetrating	g keratoplasty
89.	Most confirmatory	sign of endotracl	neal	intubation is	
	A) Chest rise		B)	Auscultation	
	C) Spirometry		D)	Capnography	
90.	The pin index safe	ety system of oxyg	en i	S	
	A) 1, 5	B) 2, 5	C)	3, 5	D) 4, 5
91.	Which of the follo	wing drug is pron	e to	cause Gouty arth	nritis ?
	A) Isoniazid		B)	Ethionamide	
	C) Pyrazinamide		D)	Streptomycin	
92.	Selective alpha on	e receptor blocker	is		
	A) Atenolol		B)	Labetalol	
	C) Prazosin		D)	Carvedilol	



93.	Tranexamic acid is a		
	A) Antithrombotic	B)	Antifibrinolytic
	C) Fibrinolytic	D)	Styptic
94.	Digoxin acts by inhibiting		
	A) Na <sup>+</sup> K <sup>+</sup> ATPase	B)	H <sup>+</sup> K <sup>+</sup> ATPase
	C) NA+-K+-2Cl channel	D)	Na <sup>+</sup> – H <sup>+</sup> ATPase
95.	Therapeutic concentration of lithium	in	bipolar disorder is
	A) 0.1 to 0.3 mEq/L		0.3 to 0.6 mEq/L
	C) 0.5 to 0.8 mEq/L		0.8 to 1.2 mEq/L
96.	Cyproheptadine has all of the follow	ing	actions; EXCEPT
	• • •	_	Antihistaminic actions
	C) Antiserotonergic actions	D)	Antiadrenergic actions
97.	Therapeutic use of Acetyl choline is	<u>NO</u>	T possible because it is
	A) Highly protein bound		Rapidly degraded
	C) Rapidly excreted	D)	None of the above
98.	Which one of the following antimali	gna	ncy drug is most nephrotoxic ?
	A) Vincristine	_	Cyclophosphamide
	C) Cisplatin	D)	Methotrexate
99.	Drug of choice in ulcerative colitis i	S	
	A) Sulfathiazole		Sulfasalazine
	C) Sulfadoxin	D)	Sulfacetamide
100.	Proton Pump inhibitors are most effe	ectiv	ve when given
	A) half hour before breakfast	B)	with meals
	C) after prolonged fasting	D)	along with H <sub>2</sub> blockers
101.	The drug considered as a risk factor	for	calciphylaxis is
	A) calcium	B)	diuretic
	C) warfarin	D)	heparin
102.	Omalizumab is a blocking antibody	tha	nt neutralises circulating
	A) IgE	B)	Leukotrines
	C) Cromones	D)	TNF and antibodies
103.	Which of the following factor is ass tetanus?	oci	ated with better prognosis in adult onset
	A) Incubation period < 7 days	B)	Period of onset > 48 hours
	C) Systolic BP > 140 mm of Hg	D)	Heart rate > 140 bpm at admission

104.	Following are potential complication	s of gene therapy EXCEPT			
	A) Genotoxicity	B) Genome integration			
	C) Gene silencing	D) Immunotoxicity			
105.	All of the following can be complicated	ations of hemodialysis EXCEPT			
	A) Hemorrhage	B) Hypotension			
	C) Muscle cramps	D) Anaphylactid reaction to dialyzer			
106.	Delusion is an abnormal variant of which of the following?				
	A) Perception	B) Thinking			
	C) Memory	D) Intelligence			
107.	In a child with ADHD, while treating usually	g with drugs, the first choice of medicine is			
	A) Donepezil	B) Atmoxetine			
	C) Clozapine	D) Methylphenidate			
108.	The commonest psychiatric sequelae	e following traumatic brain injury is			
	A) Psychotic disorder	B) Mood disorder			
	C) Anxiety disorder	D) Substance use disorder			
109.	All are categories of learning disorders as per DSM IV-TR classification <u>EXCEPT</u>				
	A) Language Disorder	B) Mathematics Disorder			
	C) Reading Disorder	D) Disorder of Written Expression			
110.	Which of the following condition is	called as 'Pseudo-dementia' ?			
	A) Confabulations	B) Normal aging			
	C) Delirium	D) Depression			
111.	Periodic, deep, retroorbital, excruci with ipsilateral lacrimation or rhinor	ating, nonfluctuant and explosive headacherhoea is characteristic of			
	A) cluster headache	B) migraine headache			
	C) hypnic headache	D) tension headache			
112.	The study of alteration in chromatin a sequence that influence gene expres	and histone proteins and methylation of DNA sion is called as			
	A) proteomics	B) metagenomics			
	C) epigenomics	D) metabolomics			
113.	The circulating neutrophils are usual	lly mature and not clonally derived in			
	A) leucocytosis	B) neutropenia			
	C) leukemoid reactions	D) neutrophilia			



114.	The more intensive approach calls rifampicin 600 mg/d for 3 years and		tuberculoid leprosy to be treated with sone 100 mg/day for
	A) 3 years	B)	5 years
	C) 7 years	D)	throughout life
115.	Hormone that remain stable with agi	ng i	S
	A) insulin	B)	insulin growth factor
	C) glucagon like peptide I	D)	vaso active intestinal peptide
116.	First right posterior intercostal vein	drai	ns into
	A) azygous vein	B)	accessory azygous vein
	C) superior intercostal vein	D)	right brachio-cephalic vein
117.	Zona fasciculata of suprarenal gland	l pro	oduces
	A) Minerelo-corticoids	B)	Gluco-corticoids
	C) Sex hormones	D)	Adrenaline
118.	Gluteus maximus muscle is innervate	ed t	у
	A) superior gluteal nerve	B)	inferior gluteal nerve
	C) pudendal nerve	D)	subcostal nerve
119.	Septal papillary muscle is present in		
	A) left atrium B) right atrium	C)	left ventricle D) right ventricle
120.	Portocaval anastomosis is present in	the	following areas of liver
	A) Porta hepatis	B)	Bare area of liver
	C) Gall bladder fossa	D)	Groove for Inferior vena cava
121.	Four hours after eating Chinese fried vomiting. What is the most likely ca		e, a group of persons suffers from acute ive agent?
	A) Bacillus cereus	B)	Salmonella enteritidis
	C) Clostridium welchii	D)	Vibrio parahemolyticus
122.	The most suitable disinfectant for deco	ntan	nination of HIV contaminated endoscope is
	A) 1% sodium hypochlorite	B)	2% glutaraldehyde
	C) 5% phenol	D)	70% ethanol
123.	The Hepatitis D virus is a defective	viru	s that requires its helper to provide
	A) an envelope protein	B)	transcriptase to transcribe mRNA
	C) replicase for its RNA	D)	reverse transcriptase
124.	_		ation in an autoclave, the spores of the
	following organism are used as test		
	A) Bacillus cereus  C) Bacillus etaerathermanhilus		Clostridium perfringens
	C) Bacillus stearothermophilus	D)	Clostridium histolyticum



125.	with complaints of high fever, vomit	ne hospital on the third day of menstruation sing and a rash on her trunk and extremities. osis and a negative blood culture. She is
	A) Staphylococcal food poisoning	B) Scalded skin syndrome
	C) Toxic shock syndrome	D) Varicella zoster infection
126.	Medical Termination of Pregnancy (I	MTP) by MTP Act is permitted upto
	A) 12 wks. B) 16 wks.	C) 20 wks. D) 24 wks.
127.	Red degeneration of fibroid common	nly occurs in
	A) Postpartum B) Antepartum	C) Intrapartum D) Abortion
128.	Streak ovaries are seen in which one	of the following syndrome ?
	A) Triple X	B) Klinefelter's
	C) Turner	D) Swyer's
129.	•	norrhea may be due to the following EXCEPT
	A) Pregnancy	B) Anovulation
	C) Mullerian Agenesis	D) Premature ovarian failure
130.		Type I, undifferentiated cells are confined to
	A) lower third of the epithelium	-
	C) entire thickness of epithelium	D) none of the above
131.	Treatment of pouch of Douglas absc	
	A) Laparotomy	B) Posterior colpotomy
	C) Antibiotics	D) Extraperitoneal drainage
132.	Which of the following does NOT co	-
	A) Duodenal ulcers	B) Gall stones
	C) Gastric ulcer	D) Carcinoma of gall bladder
133.	Most common type of Breast Carcino	
	A) Lobular carcinoma	B) Colloid carcinoma
	C) Medullary carcinoma	D) Ductal carcinoma
134.	Menetrier's disease is characterized by	•
	A) Hypertrophic gastric folds	B) Foveolar Hyperplasia
	C) Hypoproteinemia	D) Benign condition
135.	Alpha Feto Protein is raised in	
	A) Seminoma	B) Teratoma
	C) Embryonal carcinoma	D) Yolk-Sac Tumor



136.	Relative afferent p	oupillary defect is	patł	nognomonic of	
	A) Optic neuritis		B)	Retinal Holes	
	C) Papilloedema		D)	Macular Edema	
137.	Physiological bline	d spot occurs beca	ause	of	
	A) Fovea		B)	Macula	
	C) Optic disc		D)	Oraserrata	
138.	Foster Fuch's spot	s are seen in			
	A) Hypermetropia	l	B)	Iridocyclitis	
	C) Corneal ulcer		D)	Myopia	
139.	Satellite lesions ar	e seen in			
	A) Mycotic corner	al ulcer	B)	Bacterial cornea	ıl ulcer
	C) Viral corneal u	lcer	D)	Protozoal kerati	tis
140.	One of the followi	ng is <u>NOT</u> a featur	re o	f Retinitis Pigme	ntosa
	A) Arteriolar atter			Optic atropy	
	C) Bony corpuscu	lar pigments	D)	Disc haemorrha	ge
141.	Delayed hypersens	sitivity is initiated	by		
	A) CD <sub>3</sub> +T cells			$CD_4 + T$ cells	
	C) $CD_8 + T$ cells		D)	$CD_{10}$ + T cells	
142.	Bernad-Soulier syn	ndrome is a defect			
	A) Aggregation			Adhesion	
	C) Release reaction			Morphology	
143.	In Acute lymphol EXCEPT		fav	ourable prognos	tic factors includes all
	A) age of 2 to 10 y			low white cell c	
	C) presence of t (1	12; 21)	D)	presence of t (9)	; 22)
144.	Chloroma is due to	)			
	A) AML			CLL	
	C) ALL		D)	Non Hodgkin's	lymphoma
145.	Which of the follo	wing is associated			pneumonitis?
	A) Silicosis			Asbestosis	
	C) Byssinosis		D)	Berylliosis	
146.	Growth hormone s	secretion is decrea	sed	in	
	A) REM sleep	B) Stress	C)	Exercise	D) Fasting
147.	Resting membran equilibrium potent		mm	alian spinal mo	tor neurone is close to
	A) Na <sup>+</sup>	B) Cl <sup>-</sup>	C)	K <sup>+</sup>	D) Mg <sup>++</sup>

148.	Sperms develop the capability of mo		•
	A) Seminiferous tubules	,	Epididymis
	C) Vas deferens	D)	Female genital tract
149.	After a carbohydrate rich meal insul	in s	ecretion is stimulated by
	A) Cholecystokinin	B)	VIP
	C) GRP	D)	GLP-1
150.	All of the following neurons in the c	eret	pellar cortex are inhibitory EXCEPT
	A) Purkinje cells	B)	Basket cells
	C) Granule cells	D)	Golgi cells
151.	Color coding of container for disposa	al o	f human anatomical waste is
	A) Yellow	B)	Red
	C) Blue	D)	Black
152.	If a disease has three times more inc same prevalence in both males and for A) It is highly fatal in females	ema	
	• •		Less fatal in males
152	•	ŕ	
133.	Prophylaxis with vitamin 'C' is help		•
	<ul><li>A) Flurosis</li><li>C) Iodine deficiency</li></ul>		Neuro Lathyrism Botulism
151	•		
154.	Which of the following is <u>NOT</u> a sou		
	A) Case of bubonic plague	-	Case of pneumonic plague
	C) Infected rodents	,	Infected fleas
155.	The base of the Food Guide Pyramid		
	· •		Fruits and vegetables
			Meat, poultry and fish
156.	Commonest cause of First trimester a	aboı	rtion is
	A) Monosomy	B)	Trisomy
	C) Triploidy	D)	Aneuploidy
157.	Bishop's score includes following EX	XCI	<u>EPT</u>
	A) Effacement of cervix	B)	Contractions of uterus
	C) Dilatation of cervix	D)	Station of head
158.	Which of the following is the most of	lang	gerous cardiac lesion in pregnancy?
	A) Mitral stenosis	B)	Mitral regurgitation
	C) Ventricular septal defect	D)	Eisenmenger's syndrome



159.	Chromosomal complement of prin	nary oocyte is
	A) 23 Y B) 23 X	C) 46 XX D) 46 XY
160.	Asymmetrical fetal growth restrict	ion is associated with
	A) Chromosomal aberration	B) Viral infection
	C) Idiopathic	D) Placental insufficiency
161.	Eggs of all the following helminthic	worms float in a saturated salt solution EXCEPT
	A) Eggs of Necator americans	B) Eggs of Enterobius vermicularis
	C) Eggs of Hymenolepis nana	D) Eggs of Taenia solium
162.	Unsheathed microfilaria are seen i	n
	A) Wuchereria bancrofti	B) Brugia malayi
	C) Loa loa	D) Onchocerca volvulus
163.	Enterovirus associated with acute	hemorrhagic conjunctivitis is
	A) Serotype 68	B) Serotype 69
	C) Serotype 70	D) Serotype 71
164.	All of the following viruses are tra	nsmitted through genital tract EXCEPT
	A) Herpes simplex virus	B) Hepatitis virus
	C) Papilloma virus	D) Coronavirus
165.	Lyme disease is caused by	
	A) Borrelia recurrentis	B) B. Duttonii
	C) B. vincentii	D) B. burgdorferi
166.	Hallucinations experienced outside	the limits of one's sensory fields are
	A) Functional hallucinations	B) Extracampine hallucinations
	C) Pseudo hallucination	D) Reflex hallucinations
167.	Following diagnostic test can be undisorders EXCEPT	sed in identifying person with alcohol related
	A) SGOT, SGPT	B) Mean Corpuscular Volume (MCV)
	C) Hemoglobin	D) Gamma Glutamyl Transferase (GGT)
168.		hiatry OPD with complaints of lacrimation, iarrhoea and insomnia. He is suffering from
	A) Opioid withdrawal	B) Opioid intoxication
	C) Cannabis intoxication	D) Amphetamine withdrawal



169.	All of the following are true about Li	thium (Li), <u>EXCEPT</u>
	A) Propranolol is effective in Li ind	uced tremors
	B) Li is drug of choice for treatment	of mania in 1st trimester of pregnancy
	C) Li has been effective in treatmen disorder	t of depression associated with Bipolar
	D) Most common adverse renal effective	ct of Li is polyuria
170.	Personality changes are commonly se	een with lesion of which of the following?
	A) Limbic system	B) Temporal lobe
	C) Frontal lobe	D) Occipital lobe
171.	Which of the following disease can 1	NOT be treated by Gene Therapy?
	A) Adenosine deaminase deficiency	
	B) Leukemia	
	C) Cystic Fibrosis	
	D) Thalassemia	
172.	The most important buffer system in	•
	A) Protein buffer	B) Bicarbonate buffer
	C) Phosphate buffer	D) Hemoglobin buffer
173.	The vitamin required for carboxylati	on of pyruvate to form oxaloacetate is
	A) Thiamine B) Biotin	C) Pyridoxine D) Niacin
174.	The metabolic pathway that occurs p	artly in mitochondria and partly in cytosol is
	A) TCA cycle	B) Glycolysis
	C) Urea cycle	D) Oxidative phosphorylation
175.	All of the following enzymes act as A	Antioxidant <u>EXCEPT</u>
	A) Superoxide dismutase	B) Lactate Dehydrogenase
	C) Catalase	D) Glutathione peroxidase
176.	Satellite papules are characteristic of	following type of leprosy.
	A) Borderline Tuberculoid (BT)	B) Polar Tuberculoid (TT)
	C) Borderline Lepromatous (BL)	D) Polar Lepromatous (LL)
177.	Type of scale observed in Pityriasis	rosea is
	A) mica like	B) powdery
	C) silvery	D) collarette like
178.	The clinical features of seborrhoeic de	ermatitis include all of the following EXCEPT
	A) Folliculitis	B) Vesiculobullous lesions
	C) Erythroderma	D) Blepharitis

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179.	Reticular lacy white pattern lesion of common clinical presentation of	on t	he buccal mucosa with skin lesions is a
	A) Reiter's disease	B)	Pityriasis Rosea
	C) Lichen planus	D)	Lupus Vulgaris
180.	Cardio Vocal Syndrome is also calle	d	
	A) Ortner's Syndrome	B)	Lermoyez Syndrome
	C) Pendred's Syndrome	D)	Jaccoud's Syndrome
181.	The major compatibility test before bl A) Donor's red cells and Recepients		I transfusion consists of cross matching of rum
	B) Donor's serum and Recepients re	ed c	ells
	C) Donor's serum and Recepients se	erun	1
	D) Donor's red cells and Recepients	red	cells
182.	A grape like, polypoid, bulky mass p characteristic of	rotr	ruding through vagina in a 4 yr old girl is
	A) Fibrosarcoma	B)	Sarcoma botryoides
	C) Leiomyosarcoma	D)	Inflammatory polyp
183.	The type of vegetative endocarditis a	asso	ciated with mucinous adenocarcinoma is
	A) Infective endocarditis		Non-bacterial thrombotic endocarditis
	C) Libman-sacks endocarditis	D)	Rheumatic endocarditis
184.			affected segment of bowel is a feature of
	A) Tropical sprue		Hirschsprung's disease
	C) Celiac disease		Crohn's disease
185.	Virchow's triad for thrombosis include		
	A) Endothelial injury		Stasis
	C) Platelet aggregation	ŕ	Hypercoagulability
186.	of solute. This is called		on, it tends to drag along some molecules
	A) Filtration	,	Osmosis
	C) Donnan effect	D)	Solvent drag
187.	Maximum contribution to total plasm		•
	A) Na <sup>+</sup> and Cl <sup>-</sup>		Plasma Proteins
	C) Glucose	D)	Urea
188.	lost from the body by		reater than the skin temperature heat is
	A) Radiation	- 1	Conduction
	C) Convection	D)	Evaporation



189.	Cobblestone appearance of the conju	inctiva is seen in	
	A) Spring catarrh	B) Angular conjunctivitis	
	C) Eczematous conjunctivitis	D) Trachoma	
190.	Distant vision is measured at a distant	nce of	
	A) 1 metre	B) 2 metres	
	C) 3 metres	D) 6 metres	
191.	presenting after 3 days is  A) Plaster and Cast	ar fracture neck femur in 35 yr. old male,	
	B) Hemiarthroplasty  C) Closed Reduction and Internal fi	vetion by concellous consum	
	<ul><li>C) Closed Reduction and Internal fi</li><li>D) Closed Reduction and internal fix</li></ul>	•	
		•	
192.	· -	of right radial head. After surgery patient gers and thumb. He did not have any sensory s most likely cause?	
	B) Injury to posterior interosseus ne	erve	
	C) Injury to Anterior Interosseus ne		
	D) Injury to common extensor origin	1	
193.	· · · · · · · · · · · · · · · · · · ·	radiograph depends on atomic weight of its the following has highest atomic weight and ph?	
	A) Carbon B) Barium	C) Calcium D) Iron	
194.	All are true in Perthe's disease EXCH	<u>EPT</u>	
	A) Average age of patient is 6-8 yrs		
	B) Common in male		
	C) Duration of symptom more than 6 wks.		
	D) Bilateral		
195.	Osteochondromas are seen in all of t	ne following <u>EXCEPT</u>	
	A) Hereditary multiple exostosis	B) Ollier's Disease	
	C) Metaphyseal Aclasis	D) Diaphyseal Aclasis	
196.	Modified Radical neck dissection do	es <u>NOT</u> preserve	
	A) Spinal accessory nerve	B) External Jugular vein	
	C) Sternocleidomastoid muscle	D) Internal Jugular vein	

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197.		diminished power and range of voice occurs in		
	A) Unilateral recurrent laryngeal nerve palsy			
	B) Bilateral recurrent laryngeal nerv			
	C) Ext. branch of superior laryngeal	nerve palsy		
	D) Tracheomalacia			
198.	Melanocytes migrates from the neur	-		
	A) Neonatal life	B) Childhood		
	C) Embryogenesis	D) After birth		
199.	Mycetoma which occurs in foot is of tand second one is	wo types of which the one is Actinomycetoma		
	A) Sudan mycetoma	B) Eumycetoma		
	C) Yemenmycetoma	D) Pseudomycetoma		
200.	In operation of pancreaticoduodenect is known to leak more frequently	omy for ca pancrease; one of the anastomons		
	A) Choledochojejunostomy	B) Gastrojejunostomy		
	C) Pancreaticojejunostomy	D) None of the above		
201.	In absence of clinical evidence of the low TSH, raised T <sub>4</sub> and normal or low	yroid disease, thyroid function tests showing w T <sub>3</sub> indicates		
	A) subclinical thyrotoxicosis	B) subclinical hypothyroidism		
	C) sick euthyroidism	D) transient thyroiditis		
202.	Co-infection with which virus leads living with HIV ?	to change in antiretroviral therapy in people		
	A) Cytomegalo virus	B) Varicella virus		
	C) Hepatitis B virus	D) JC virus		
203.	Drug of choice to treat H1N1 influer	nza is		
	A) Acyclovir	B) Cidofovir		
	C) Oseltamivir	D) Tenofovir		
204.	Isolated microscopic hematuria of gl	omerular origin is seen in		
	A) Acute glomerulo nephritis	B) Hereditary nephritis		
	C) Acute interstitial nephritis	D) Acute tubular necrosis		
205.	Gait disorder described as 'slipping	clutch syndrome' occurs in		
	A) Cerebellar gait disorder	B) Sensory gait disorder		
	C) Parkinson gait disorder	D) Frontal gait disorder		
206.	Which of the following is a precance	erous condition of the skin?		
	A) Bowen disease	B) Seborrhoeic keratosis		
	C) Leprosy	D) Psoriasis		
<b>PGM</b>		44		



207.	Which of the following malignancy	is commonly found in AIDS patients?	
	A) Kaposi's sarcoma	B) Fibrosarcoma	
	C) Cavernous hemangioma	D) Melanoma	
208.	Pheochromocytoma is a tumour of		
	A) Parathyroid	B) Adrenal medulla	
	C) Adrenal cortex	D) Pituitary	
209.	Which type of viral hepatitis is associ	ated with high mortality in pregnant women?	
	A) Hepatitis B virus	B) Hepatitis E virus	
	C) Hepatitis D virus	D) Hepatitis C virus	
210.	Skip lesions are characteristic of		
	A) Intestinal tuberculosis	B) Enteric fever	
	C) Ulcerative colitis	D) Crohn's disease	
211.	Which part of a neuron has the higher micrometer of cell membrane?	est concentration of Na+ channels per square	
	A) dendrites	B) cell body	
	C) initial segment of axon	D) Node of Ranvier	
212.	Normal value of $P_{50}$ (The partial prowith $O_2$ ) in healthy adults at sea level	essure of $O_2$ , at which Hb, is 50% saturated el is at	
	A) 20 mm Hg B) 27 mm Hg	C) 35 mm Hg D) 40 mm Hg	
213.	Ejection Fraction is a ratio of		
	A) Stroke volume to End-diastolic volume		
	B) Stroke volume to End-systolic volume		
	C) Stroke volume to Minute volume		
	D) End-diastolic volume to End-sys	tolic volume	
214.	Which of the following is involved in	n colour vision ?	
	A) Geniculate layers 1-2	B) 'M' (magnocellular) pathway	
	C) Area V <sub>8</sub> of visual cortex	D) Area V <sub>3</sub> A of visual cortex	
215.	The major action of 1, 25-di-hydrox	y chole-calciferol is	
	A) Lowering of blood calcium		
	B) Ca <sup>++</sup> -deposition in bones		
	C) Increasing Ca <sup>++</sup> -absorption from	n intestinal lumen	
	D) Stimulating the gene responsible for PTH-synthesis		
216.	One of the following drug is NOT us	sed for the treatment of osteoporosis	
	A) Alendronate	B) Calcitonin	
	C) Dexamethasone	D) Vitamin K	



217.	The test of choice for Giardiasis is	
	A) Stool Enzyme Immuno Assay (EI	(A)
	B) Microscopy	
	C) Polymerase Chain Reaction (PCR	3)
	D) Duodenal Aspiration	
218.	Hallmark of Acute Disseminated En	cephalomyelitis(ADEM) is
	A) Encephalopathy	B) Ataxia
	C) Cranial Neuropathies	D) Visual loss
219.	In large-for-date babies all viscera w	eigh more than normal EXCEPT
	A) Kidney B) Heart	C) Brain D) Liver
220.	The Ig A anti TG 2 (TransGlutamina	ise) is a sensitive marker for diagnosis of
	A) Celiac Disease	B) Eosinophilic Gastroenteritis
	C) Primary Immunodeficiency	D) Crohn's Disease
221.	Signs of thyroid deficiency are all Ex	<u>XCEPT</u>
	A) Bradykinesis	B) Tachycardia
	C) Hoarse voice	D) Periorbital Puffiness
222.	Parklands formula used for Burn's r	esuscitation is
	A) 4 ml/kg/% TBSA	B) 5 ml/kg/%TBSA
	C) 6 ml/kg/%TBSA	D) 8 ml/kg/% TBSA
223.	Adeno-carcinoma of oesophagus de	velops in
	A) Long standing achalasia	B) Alcohol abuse
	C) Corrosive stricture	D) Barret's oesophagus
224.	Painless gross hematuria occurs in	
	A) Renal cell carcinoma	B) Polycystic kidney
	C) Stricture urethra	D) Wilm's tumour
225.	The most common cause of small in	testinal obstruction is
	A) Intussusception	B) Iatrogenic adhesions
	C) Trauma	D) Carcinoma
226.	Under IMNCI programme in outpat	tient health facility all of the following are
	danger signs <u>EXCEPT</u>	
	A) Convulsions	B) Difficult breathing
	C) Vomiting	D) Lethargy
227.	_	a component of validity of a screening test?
	A) Sensitivity	B) Specificity
	C) Precision	D) Predictive value



228.	The difference in incidence rates of cand non exposed group is known as	isease (or deaths) between an exposed group
	A) Relative Risk	B) Attributable Risk
	C) Population Attributable Risk	D) Odds Ratio
229.	Outbreaks of leptospirosis are usuall	y expected after
	A) Earthquakes	B) Floods
	C) Mud slides	D) Avalanche
230.	Which of the following vaccines is r	nost sensitive to heat ?
	A) Oral Polio vaccine	B) BCG vaccine
	C) DPT vaccine	D) Measles vaccine
231.	First line antiepileptic drug for treatment	nent of myoclonic seizures is
	A) Valproic acid	B) Phenytoin
	C) Topiramate	D) Carbamazepine
232.	The most common site for Amebiasis	s is
	A) Sigmoid colon	B) Transverse colon
	C) Cecum	D) Hepatic flexure
233.	Recombinant human insulin is made	by
	A) CDNA from any Eukaryote cell	B) Genome of any Eukaryote
	C) CDNA of Pancreatic cell	D) Genome of Pancreatic cell
234.	Aplastic anemia in sickle cell anemia	is due to infection of
	A) Herpes	B) Parvovirus B 19
	C) CMV	D) Papova
235.	Widened anion gap is not seen in	
	A) Acute renal failure	B) Diarrhoea
	C) Lactic acidosis	D) Diabetic ketoacidosis
236.	The initiation of the first breath in a	newborn is due to
	A) $\uparrow$ pH; $\uparrow$ PaO <sub>2</sub> ; $\downarrow$ PaCO <sub>2</sub>	B) $\downarrow$ pH; $\downarrow$ PaO <sub>2</sub> ; $\uparrow$ PaCO <sub>2</sub>
	C) $\downarrow$ pH, $\downarrow$ PaO <sub>2</sub> , $\downarrow$ PaCO <sub>2</sub>	D) $\downarrow$ pH; $\uparrow$ PaO <sub>2</sub> , $\downarrow$ PaCO <sub>2</sub>
237.	Prodromal symptoms of eclampsia ar	e all <u>EXCEPT</u>
	A) Severe Headache	B) Vomiting
	C) Epigastric pain	D) Convulsions



238.	Following is true about oxytocin			
	A) It is decapeptide			
	B) Synthesized in posterior lobe of pituitary gland			
	C) Alcohol stimulates its release			
	D) It has half life of 3-4 minutes			
239.	Regarding prenatal genetic diagnosis (PGD) all are correct <u>EXCEPT</u>			
	A) Blastomere biopsy increases fetal anomaly			
	B) Linkage analysis is necessary when gene has not been sequenced			
	C) Polar body biopsy cannot assess			
	D) Fetal cells recovered from maternal	blood can detect fetal chromosomal anomaly		
240.	All are features of infant born to diab	petic mothers <u>EXCEPT</u>		
	A) Obesity	B) Learning Disability		
	C) Ketotic hypoglycaemia	D) Future Diabetes Mellitus		
241.	Mikulicz cell and Russel bodies are	characteristic of		
	A) Rhinoscleroma	B) Rhinosporidiosis		
	C) Plasma cell disorder	D) Lethal midline granuloma		
242.	Flexion, Adduction, Internal Rotation deformity at hip is seen in			
	A) Fracture neck of femur	B) Posterior dislocation of hip		
	C) Inter trochanteric fracture	D) Anterior dislocation of hip		
243.	Test to diagnose Anterior Cruciate Ligament (ACL) injury is			
	A) Valgus test	B) Varus test		
	C) Lachman test	D) Posterior Drawer test		
244.	Acute Haematogenous osteomyelitis involves commonly following part of bone			
	A) Metaphysis	B) Epiphysis		
	C) Diaphysis	D) Growth plate		
245.	Sacroiliac joint involvement is seen in			
	A) Rheumatoid Arthritis	B) Ankylosing spondylitis		
	C) Reiter's syndrome	D) Psoriatic arthritis		
246.	Most important cause of travellers diarrhoea is			
	A) Enterotoxigenic Escherichia coli	B) Enteroinvasive Esch. coli		
	C) Enterohemorrhagic Esch. coli	D) Enteropathogenic Esch. coli		
247.	High level disinfectant includes			
	A) glutaraldehyde	B) alcohols		
	C) phenols	D) iodophois		

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248.	India ink preparation of CSF is done	to identify
	A) Streptococcus agalactiae	B) Naegleria fowleri
	C) Cryptococcus neoformans	D) Coxackie B
249.	Active immunity is <u>not acquired</u> by	
	A) Infection	B) Vaccination
	C) Immunoglobulin transfer	D) Subclinical infection
250.	Non-cultivable fungus is	D) Condide
	<ul><li>A) Rhinosporidium</li><li>C) Sporothrix</li></ul>	<ul><li>B) Candida</li><li>D) Penicillium</li></ul>
251	•	
251.	A) Urinary tract	for laboratory diagnosis in infection of  B) Blood stream
	C) Lungs	D) Small intestine
252	, 6	agnosis of dengue is commonly done by
232.	A) Suckling mouse inoculation	
	•	D) IgG antibody detection
253.	Population doubling time in coliform	
	A) 20 seconds	B) 20 minutes
	C) 20 hours	D) 20 days
254.	A person is positive for HBsAg, HBeAB, this is a case of	Ag and Anti-HBc - IgM, in relation to hepatitis
	A) Acute infection	B) Chronic infection
	C) Remote infection	D) Highly infections acute infection
255.	Cause of epilepsy in upto 50% India	n patients is
	A) Neurocysticercosis	B) Cerebral malaria
	C) Toxoplasmosis	D) Cerebral hydatid cyst
256.	Which of the following is the correct	
	A) For contraception	B) Protection from occupational dermatitis
	C) As mosquito repellants	D) Protection from contagious diseases
257.		been diagnosed to be suffering from sputum alosis (New case). The treatment regimen
	A) $2(HRZE)_3 + 4(HR)_3$	B) $2(HRZES)_3 + 1(HRZE)_3 + 5(HRE)_3$
	5	D) $2(HRZE)_3 + 6(HR)_3$
258.	The 'overall burden of diseases' is b	est detected by
	A) Sullivan's Index	B) Quality adjusted life years (QALY)
PGM	•	D) Disability adjusted life years (DALY)
1 OM		44



259.	All the following features contribute  A) Babies of working mother  B) Birth order of 4 or more	to I	High Risk Babies <u>EXCEPT</u>
<ul><li>C) Artificial feeding</li><li>D) Weight less than 70% of the expected weight</li></ul>			d weight
260.	'Acculturation' is defined as		
	A) Loss of cultural values	B)	Opposition of two cultures on contact
	C) Fading away of a culture	D)	Diffusion of two cultures on both ways
261.	The toxic principle in cerebra thevet	ia is	S
	A) Neriodorin B) Karabin	C)	Thevetin D) Folinerin
262.	Railway spine is also known as		
	A) Concussion of spine		Fracture of spine
	•		Contusion of spine
263.	Saturated solution of common salt sho by	uld	not be used in case of suspected poisoning
	A) Alcohol	B)	Kerosene
	C) Carbolic acid	D)	Vegetable poisons
264.	Onanism is		
	A) Natural sexual offence		Unnatural sexual offence
	C) Perversion	D)	Indecent assault
265.	In proximal ballistics 'primer' means		
	A) Detonator		Projectile
	C) Pellets	D)	Gunpowder
	Cystic Hygroma is found in	D.	5
	A) Klinefelter's syndrome		Down's syndrome
	C) Edward's syndrome	D)	Turner's syndrome
267.	Munro microabscesses occur in	D)	I had a second a second
	A) Psoriasis  C) Lupus vulgoris	-	Lichen planus
3.60	C) Lupus vulgaris		Impetigo
268.	In Vitamin-A deficiency, cancerous		
	A) Metaplasia	-	Dysplasia  Hyperplasia
3.60	C) Aplasia		Hyperplasia
269.	Spontaneous bleeding occurs when p		
	A) 50,000/μl	-	40,000/μl
	C) 30,000/µl	D)	$20,000/\mu l$



270.	O. Skin cancer is caused by due to exposure to			
	A) Asbestos	B)	Arsenic	
	C) Nitrosamine	D)	Vinyl chloride	
271.	In operated case of cholecystotomy, of gall bladder restricted to mucosa.  A) Observation and follow up  B) Reoperation with excision of weed  C) Rt. hepatectomy	Fur	ther treatment will be	oma
	D) Radiotherapy + chemotherapy			
272.	<ul><li>The initial treatment of choice for bl</li><li>A) TIPSS</li><li>C) Surgical devascularisation</li></ul>	B)	ing oesophageal varices is Surgical shunt Endoscopic Banding/Sclerotherapy	
273.	Commonest malignancy in thyroid g A) Anaplastic carcinoma C) Papillary carcinoma	B)	l seen is Follicular carcinoma Medullary carcinoma	
274.	The part of colon worst affected by it A) Right colon C) Hepatic flexure	B)	aemic colitis is  Left colon  Splenic flexure	
275.	•		Perineal Prostatectomy	
276.	Hitzelberger's sign is seen in A) Acoustic Neuroma	B)	Radical Prostatectomy  Glomus Jugulare  Meniere's disease	
277.	Anterior pillar of tonsil is formed by A) Palatopharyngeus muscle C) Genioglossus muscle	B)	Palatoglossus muscle Hyoglossus muscle	
278.	CSF rhinorrhoea is diagnosed by A) Beta 2 microglobulin C) Albumin		Thyroglobulin Beta 2 transferrin	
279.	Tripod fracture involves  A) Ethmoid complex C) Orbital floor		Zygomatic complex Mandible	
	The most common organism causing A) H. influenza C) M. catarhalis	B)	ste otitis media is S. pneumoniae S. aureus	
<b>PGM</b>				44



281.	1. Which of the following radioisotopes is most commonly used for H brachytherapy treatment?			monly used for HDR
	A) I – 125	B)	CO – 60	
	C) Ir – 192		CS – 137	
282.	Craniospinal axis irradiation is indic	ated	in the managem	ent of
	A) Glioblastoma		Meningioma	
	C) Astrocytoma		Medulloblastom	a
283.	Simulators are primarily used to			
	A) Localize the tumor  D) Duplicate the geometry of theren		a a <b>hin</b> aa	
	<ul><li>B) Duplicate the geometry of therap</li><li>C) Duplicates the mechanical mover</li></ul>	-		phinas
	D) All of the above	шсш	s of therapy mad	Limies
284	. If plasma volume is 3 liters and hematocrit is 0.40, then total blood volume woul			tal blood volume would
201.	be	ut0 <b>0</b> 1	11 15 0. 10, then to	tar brood voranie would
	A) 6 liters B) 4.5 liters	C)	5 liters	D) 4 liters
285.	The extra osmotic pressure in normal by dissolved proteins is due to	al hu	man plasma over	and above that caused
	A) Donnan effect	B)	Starling's Forces	S
	C) Nernst potential	D)	Reynold's numb	er
286.	Inversion and Eversion occur at which	ch jo	oint ?	
	A) Ankle	B)	Subtalar	
	C) Inferior tibio-fibular	D)	Calcaneocuboid	
287.	Which of the following nucleus is as	ssoci	ated with archic	erebellum ?
	A) Fastigial	B)	Globosus	
	C) Emboli formis	D)	Dentate	
288.	The proximal part of tubotympanic r	reces	s gives rise to th	e
	A) Pharyngo-tympanic tube	B)	Tympanic antrui	n
	C) Middle ear cavity	D)	External ear	
289.	Injury to common peroneal nerve at A) Foot drop	the 1	neck of fibula wi	ll cause
	B) Inability to evert the foot			
	C) Sensory loss over antero-lateral p	part (	of leg	
	D) All of the above			
290.	In "Housemaids knee" which of the	follo	owing bursa is af	fected?
	A) Suprapatellar	B)	Superficial infra	patellar
	C) Deep infrapatellar	D)	Prepatellar	



291.	Which of the following is longest ac	ting	corticosteroid?
	A) Dexamethasone	B)	Prednisolone
	C) Triamcinolone	D)	Hydrocortisone
292.	The most effective antidote for belladonna poisoning is		
	A) Neostigmine		Physostigmine
	C) Pilocarpine	D)	Methacholine
293.	Following ACE inhibitors are the pro	dru	gs; <u>EXCEPT</u>
	A) Ramipril	B)	Lisinopril
	C) Enalapril	D)	Perindopril
294.	Which of the following is resistant to b	oth	true and pseudo cholinesterase enzymes?
	A) Bethanechol	B)	Acetylcholine
	C) Methacholine	D)	Pilocarpine
295.	Predominant neurotransmitter in pos	t-ga	anglionic sympathetic nerves is
	A) Adrenaline	B)	Dopamine
	C) 5 Hydroxytryptamine	D)	Noradrenaline
296.	Accepted screening test for Hyperald	dost	eronism is
	A) Measurement of sodium levels		
	B) Measurement of aldosterone levels		
	C) Calculation of aldosterone renin	rati	0
	D) Measurement of potassium levels	3	
297.	The most powerful predictor of survi	val	in case of multiple Myeloma is
	A) β <sub>2</sub> Microglobulin	B)	Serum IgG levels
	C) Serum calcium	D)	Urinary Bence-Jones proteins
298.	The Neoplastic lesions which are most infection are following <u>EXCEPT</u>	st co	ommon AIDS-defining conditions in HIV
	A) Kaposi's sarcoma	B)	NHL
	C) Invasive cervical carcinoma	D)	Squamous cell carcinoma of lung
299.	Felty's syndrome is characterised by	all	of the following features <b>EXCEPT</b>
	A) Rheumatoid Arthritis	B)	Neutropenia
	C) Nephropathy	D)	Splenomegaly
300.	Monogenic transmission of diabetes	me	llitus occurs in
	A) Insulin Dependant Diabetes Melli	itus	(IDDM)
	<ul><li>B) Non-insulin Dependant Diabetes Mellitus (NIDDM)</li><li>C) Latent Autoimmune Diabetes in Adults (LADA)</li></ul>		
	D) Maturity Onset Diabetes of the Ye	oun	g (MODY)

C. A.

## SPACE FOR ROUGH WORK