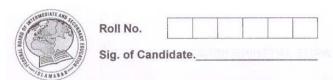
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Answer Sheet No	OCHI
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OPERATION THEATRE TECHNIQUES HSSC-I

SECTION - A (Marks 20)

Time	allowed:	25	Minute	2

n the

NOTE	que	stion	is compulsory and comprises pag paper itself. It should be comple perintendent. Deleting/overwriting i	eted in the	first 25 minutes and handed	over to	
2. 1	Circle	the co	rrect option i.e. A / B / C / D. Each	part carries	one mark.		
	(i)	Clost	ridium Tetani is				
		A.	Gram negative rod	В.	Gram negative cocci		
		C.	Gram positive rod	D.	Gram positive cocci		
	(ii)	Whic	h of the following Bacteria do not have	e cell wall?			
		A.	E. Coli	B.	Mycoplasma		
		C.	Streptococcus	D.	Hepatitis C virus		
	(iii)	Whic	h of the following statements is FALS	E regarding	Endotoxin?		
		A.	Integral part of cell wall				
		В.	Toxin produced by gram negative	bacteria			
		C.	Endotoxins are polypeptides				
		D.	Toxicity of Endotoxins is low as co	mpared to E	xotoxins		
	(iv)	Gas	Gangrene is caused by	_			
		A.	Clostridium Tetani	B.	Clostridium Botulinum		
		C.	Clostridium Perfringes	D.	Clostridium Difficile		
	(v)	Which bacteria is the most common cause of surgical site infection?					
		A.	E.Coli	В.	Clostridium		
		C.	Neisseria Gonorrhea	D.	Staphlococcus Aureus		
	(vi)	Tube	rculosis is caused by				
		A.	Mycobacterium Anthracic	В.	Mycobacterium tuberculosis		
		C.	Mycobacterium Avium	D.	All of these		
	(vii)	Mala	ria is caused by				
		A.	Virus	B.	Bacteria		
		C.	Protozoa	D.	Chlamydiae		
	(viii)	Steril	lization kills				
		A.	All bacteria including spores	B.	All organisms including spores		
		C.	Spores only	D.	Viruses only		
	(ix)	Bleed	ding in a patient undergoing surgery is	s controlled	by		
		A.	Diathermy	В.	Cardiac monitor		
		C.	Defibrillator	D.	All of these		
	(x)	Whic	h of the following is NOT a part of An	esthesia ma	chine?		
		A.	Vaporizer	В.	Cardiac monitor		
		C.	Diathermy	D.	Pulse oximeter		
	(xi)		h of the following solutions is common	nly used for	scrubbing?		
		A.	Soap solution	В.	Dettol solution		
		C.	Povidine Iodine	D.	Baby shampoo		

Student Bounty com

DO NOT WRITE ANYTHING HERE

(xii)		h of the following is the first line o T. Lymphocytes	В.	B. Lymphocytes		
	Α.			Injured skin		
	C.	Intact skin				
xiii)		h of the following organisms caus				
	A.	E.Coli	В.	Proteus		
	C.	Hook worm	D.	Tenia coli		
xiv)		clave usesfor sterili		Radiation		
	A.	Boiled water	В.			
	C.	Steam	D.	Vibrations		
XV)	Whic	h of the following gas is used for				
	A.	Ethylene oxide	B.	Formaldehyde		
	C.	Glutareldehyde	D.	Chlorine		
(xvi)	Steri	ization in Autoclave is achieved b	y using	The Court of the Language Day		
	A.	125°C for 1 minute	В.	$121^{\circ}C$ for 15 minute		
	C.	160°C for 1 hour	D.	$100^{\rm o}C$ for 15 minute		
(xvii)	Which of the following types of Hepatitis spreads by blood borne route?					
	A.	Hepatitis A	В.	Hepatitis E		
	C.	Hepatitis C	D.	HIV		
xviii)	Which infusion is used commonly in a patient with severe diarrhoea?					
	A.	5% Dextrose water	В.	10% Dextrose water		
	C.	Ringer lactate	D.	Blood		
(xix)	AIDS	is caused by				
	A.	Virus	B.	Bacteria		
	C.	Protozoa	D.	Nematoda		
(xx)	Tetar	nus is caused by				
	A.	Virus	B.	Bacteria		
	C.	Anerobic virus	D.	Fungi		
or Ex	amine	er's use only:				
			Tota	Total Marks:		
			Mark	s Obtained:		
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OPERATION THEATRE TECHNIQUES HSSC-I

Time allowed: 2:35 Hours Total Marks Sections B and C: 80

NOTE:- Answer any twenty five parts from Section 'B' and any two questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

SECTION - B (Marks 50)

Q. 2 Attempt any TWENTY FIVE parts. The answer to each part should not exceed 2 to 4 lines. (25 x 2 = 50)

- (i) What is the role of vaporizer in Anesthesia machine?
- (ii) What is Dry heat sterilization?
- (iii) What are the types of O.T. Lights?
- (iv) What is Cross matching of blood? Why is it done?
- (v) Write down the functions of Cardiac monitor.
- (vi) Write a short note on Acquired immunity.
- (vii) List the diseases caused by Protozoa.
- (viii) Write down the role of Formaldehyde as Disinfectant.
- (ix) Draw a diagram of Pancreas.
- (x) What are the radiations used for Sterilization?
- (xi) Write down the structure of pectoral girdle.
- (xii) What is Pulse oximetre? Also write down its role.
- (xiii) List the diseases caused by Staphylococcus Aureus.
- (xiv) Write down the various types of Intestinal worms in humans.
- (xv) Write a short note on Scrubbing.
- (xvi) Classify virus. Also give examples.
- (xvii) Briefly describe the Ribcage.
- (xviii) Write a short note on Gas Gangrene.
- (xix) Draw and label Bacteria.

Note:

- (xx) Write down four modes of spread of Hepatitis B.
- (xxi) Write down the commonly used Infusions.
- (xxii) What are the fungal diseases in relation to operation theatre?
- (xxiii) What is Drapping? How is it done?
- (xxiv) Write down four diseases caused by Streptococcus.
- (xxv) Name four bacteria most commonly causing food poisoning.
- (xxvi) What are Exotoxins? Write down their features.
- (xxvii) What are Endotoxins? Give their features.
- (xxviii) Name four bacteria causing Pneumonia.
- (xxix) How will you give first aid to a patient who has met a Road traffic accident?
- (xxx) What is Bacterial capsule? Write down its properties.
- (xxxi) What is Pili of a bacteria? Write down its properties.

SECTION -- C (Marks 30) Attempt any TWO questions. All questions carry equal marks.

 $(2 \times 15 = 30)$

- Q 3. What is Autoclave? What are its main parts? Also write its working principle.
- Q 4. What is Surgical Diathermy? Describe structure, working and precautions of Diathermy machine.
- Q 5. Name Clostridium species. What are the diseases caused by each? Write down about Tetanus.