STEED STATE AND THE STATE OF TH	Roll No.			
	Sig. of Cand	idate		

A.

C.

A.

C.

(xi)

Antibody

Which microorganism cause syphilis?

Staphylococcus

Spirochete

Skin

Answer Sheet No	<u> </u>
	T []
Sig. of Invigilator.	

OPERATION THEATRE TECHNIQUES HSSC-I

NOTE:	allowed: 25 Minutes Section—A is compulsory and comprises pages 1-2. All parts of this section are to be answered on the question paper itself. It should be completed in the first 25 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil. Circle the correct option i.e. A / B / C / D. Each part carries one mark.							
Q. 1								
	(i)	Whic	Which group of microorganism is the most common human pathogen?					
		A.	Bacteria , Rickettsiae	В.	Fung us , Vir us			
		C.	Bacteria , Virus	D.	parasite , Fungus			
	(ii)	Whic	ch microorganism is a prokaryote?					
		Α.	Virus	В.	Bacteria			
		C.	Fungus	D.	Parasite			
	(iii)	Whic	ch structure is absent in bacteria?					
		A.	Cell wall	В.	Cell membrane			
		C.	Ribosome	D.	Nucleus			
	(iv)	Whic	h statement is true about O.T light	s?				
		A.	It is shadowless	В.	It can be fixed or portable			
		C.	Both of these	D.	None of these			
	(v)	Which O.T instrument is used for control of bleeding?						
		A.	Suction machine	В.	Pulse Oxymeter			
		C.	Air way	D.	Cautery			
	(vi)	Diath	nermy machine is used for:					
		A.	Cutting of tissue	В.	Coagulation of Vessels			
		C.	Both of these	D.	None of these			
	(vii)	Which of the following is a spore forming bacteria?						
		A.	Clostridium Tetani	• В.	Staphylococci			
		C.	Streptococci	D.	Salmonella			
	(viii)	Which bacterial is structure is the most resistant?						
		Α.	Capsule	В.	Celi wall			
		C.	Cell membrane	D.	Spores			
	(ix)	What is false about virus?						
		A.	They are Prokaryote	В.	They are not true cell			
		C.	They can be DNA virus	D.	They can be RNA virus			
	(x)	Whic	ch of the following provides first line	of defence?				

B.

D.

В.

D.

Phagocytic cells

Special proteins

Neisseria

Vibrio

DO NOT WRITE ANYTHING HERE

A. Mycoplasma C. Bacilli D. Cocci (xiii) Which of the following is not a microorganism? A. Virus B. Chlaymydiae C. Mosquito D. Rickettsiae (xiv) Which of the following is not a heat method of sterilization? A. Ethylene oxide B. Boiling C. Pasteurization D. Autoclave (xv) Which of the following is not a part of cardiac monitor? A. BP monitor B. Pulse monitor C. ECG monitor D. Suction tube (xvi) Which Hepatitis virus is transmitted through oral route (by mouth)? A. Hepatitis A virus B. Hepatitis B virus C. Hepatitis C virus D. All of these (xviii) What is shape of spirochete bacteria? A. Round B. Spring C. Red D. Comma (xviiii) Which of the following is branching bacteria? A. Cocci B. Actinomycete C. Bacilli D. Vibrio (xix) Which stain is most commonly used in a microbiology laboratory? A. Gram Stain C. Haematoxylin Stain D. Eosin Stain C. Haematoxylin Stain D. Eosin Stain C. Formaldehyde D. Autoclave For Examiner's use only:	(xii)	Which	Which bacteria does not have cell wall?							
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(xx) Which method is most commonly used in Hospitals for sterilization? A. Boiling B. Ethylene Oxide C. Formaldehyde D. Autoclave For Examiner's use only: Total Marks: 20		A.	Gram Stain	B.	Ziehl Neelsen Stain					
A. Boiling C. Formaldehyde D. Autoclave For Examiner's use only: Total Marks: 20		C.	Haematoxylin Stain	D.	Eosin Stain					
C. Formaldehyde D. Autoclave For Examiner's use only: Total Marks: 20	(xx)	Which method is most commonly used in Hospitals for sterilization?								
For Examiner's use only: Total Marks: 20		A.	Boiling	В.	Ethylene Oxide					
Total Marks: 20		C.	Formaldehyde	D.	Autoclave					
	For Ex	kamine	r's use only:							
Marka Ohtainada				Total	Total Marks:					
marks Obtained:				Mark	Marks Obtained:					

Page 2 of 2 (Operation Theatre Tech.)

---- 1HS 1745----



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 Answer any TWENTY-FIVE parts. The answer to each part should not exceed 2 to 4 lines. (25 x 2 = 50)
 - (i) What are aerobes bacteria?
 - (ii) What are anaerobic bacteria?
 - (iii) What do you understand by HIV and AIDS?
 - (iv) What are AFB? Give example.
 - (v) What do you mean by culture? Name two common culture media.
 - (vi) Name the types of Antibody. Which are more important in bacterial infections?
 - (vii) What is suction machine and its purpose in O.T?
 - (viii) Name the types of blood group. Which group is called universal donor?
 - (ix) Name various components of blood for transfusion and their use.
 - (x) What is Gram Stain?
 - (xi) What is defibrillator and its use?
 - (xii) What is Tyndallisation?
 - (xiii) What is Needle Stick Injury?
 - (xiv) Give two precautions to take in O.T. while dealing with AIDS patient.
 - (xv) Name two bacteria which can cause pyogenic infection of wounds.
 - (xvi) Name spore forming bacteria and disease caused by them.
 - (xvii) What are vaccines and their use?
 - (xviii) What is plasmodium and its type. Name disease and its transmission.
 - (xix) What is Fungus? Give properties.
 - (xx) Classify fungus.
 - (xxi) What do you understand by STD? Name diseases and their causative organism.
 - (xxii) What are phagocytic cells?
 - (xxiii) Write three precautions during blood transfusion.
 - (xxiv) What is cautery and its use?
 - (xxv) What is sterilization?
 - (xxvi) What is Disinfection?
 - (xxvii) What is normal flora? Name areas of body where it is present.
 - (xxviii) What is Immunity and its type?
 - (xxix) What is scrubbing?
 - (xxx) What is draping?
 - (xxxi) Name some chemicals used for sterilization.

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

 $(2 \times 15 = 30)$

- Q 3. a. Draw and label a bacterial cell. Give function of each part.
 - b. Classify bacteria according to Oxygen Requirement.
- **Q 4.** What is KOCH's postulate? Write a note on Tetanus.
- Q 5. Give principal and function of Autoclave.