Answer Sheet

Sig. of Invigilator.

StudentBounty.com **OPERATION THEATRE TECHNIQUES**

SECTION - A (Marks 20)

Tima	allow	- h	25	Minutes
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Q.

NOTE: 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 co	prrect option i.e. A / B / C / D. Each par	t carries	one mark.				
(i)	Whic	Which of the following enzymes are NOT produced by bacteria?						
	A.	Collagenase	B.	Hyaluronidase				
	C.	Amylase	Đ.	Coagulase				
(ii)	Enzymes are made of							
	A.	A. Proteins		Carbohydrates				
	C.	Lipids	D.	Vitamins and minerals				
(iii)	Ciliated epithelium is found in							
	Α.	Urinary tract	B.	Respiratory tract				
	C.	Stomach	Ð.	Large intestine				
(iv)	The life of normal RBC in circulation is approximately							
	A.	Two weeks	B.	One month				
	C.	Three months	D.	120 days				
(v)	Whic	Which clotting factor is deficient in Haemophilia?						
	A.	Factor II	B.	Factor VIII				
	C.	Factor X	D.	Calcium ions				
(vi)	At w	At which of the following sites are the smooth muscles NOT found?						
	A.	Blood vessels	В.	Small intestine				
	C.	Uterus	D.	Heart				
(vii)	Shoo	ck can be caused by						
	A. Loss of fluid or blood from body							
	B.	B. Chemical agents causing dilatation of blood vessels						
	C.	C. Inadequate pumping of blood by the heart						
	Ð.	All of these						
(viii)	Meninges are membranous covering of brain and spinal cords. They are made of layer (s).							
	A.	Single	B.	Two				
	C.	Three	D.	Four				
(ix)	The parathyroid glands are located in							
	A.	Skull	B.	Neck				
	C.	Upper chest	Đ.	Abdominal cavity				
(x)	Which of the following muscles DO NOT take part in breathing?							
	A.	Intercostal muscles	В.	Diaphragm				
	C.	Muscles of the neck	D.	External muscles of the chest wall				
(xi)	What is Pneumothorax?							
	Α.	Collection of fluid in pleural cavity	B.	Collection of air in pleural cavity				
	C.	Collection of blood in pleural cavity	Ð.	Over-expansion of lungs				

DO NOT WRITE ANYTHING HERE

			Mark	s Obtained:				
or Ex	amine	r's use only:	Tota	I Marks: 20				
'ar F	ami							
	C.	Contaminated food and water	D.	Mother to child				
	A.	Contaminated blood and instruments	B.	Sexual contact				
(xx)	By w	By which route can Hepatitis B and Hepatitis C NOT spread?						
	C.	Pseudomonas aeroginosa	D.	Staph aureus				
	A.	E.Coli	B.	Clostridium Welchii				
xix)	Whic	Which bacteria produce greenish discharge and colonies?						
	D.	D. Many bacteria are used to perform useful functions -						
	C.	It can cause important diseases in ma	in.					
	B.	It has a well formed nucleus.						
	A.	It has a cell wall.						
xviii)	Whic	Which of the following statements is INCORRECT about Bacteria?						
	D.							
	C.	It operates on DC current						
	В.	B. Its inappropriate use can cause damage to the patients						
	A.	A. It is used for cutting tissues and coagulating blood vessels during surgery						
xvii)	Whic	Which of the following statements is INCORRECT about diathermy units?						
	C.	Polycythemia	D.	Thrombocytopenia				
	A.	Anaemia	В	Leukaemia				
xvi)	An at	An abnormally elevated red blood cell count is called						
	D.	D. It is formed in the exocrine portion of pancreas gland						
	C.	C. Its deficiency can cause jaundice						
	B.	It is secreted by Beta cells of pancrea	S					
	A.	It controls metabolism of fats						
xv)	What	is TRUE about hormone insulin?						
	C.	Dissection of tissues	D.	Suturing of tissues				
	A.	Cutting the tissues during surgery	В.	Control of bleeding by coagulation				
(xiv)	For w	For which of the following purposes is the diathermy machine NOT used?						
	D.	D. Surgical disposable items (Gowns, gloves, syringes)						
	C.	Orthopaedic instruments						
	В.	Endoscopic instruments						
	A.	Artery forceps						
(xiii)	Radia	Radiation is used in factories for sterilization of						
	C.	Right iliac fossa	D.	Left iliac fossa				
	Α.	Right hypochondrium	В.	Left hypochondrium				



OPERATION THEATRE TECHNIQUES HSSC-I



Time allowed: 2:35 Hours

Total Marks Sections B and C: 80

NOTE: Answer an

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) Define Microbiology. How do you classify microorganisms?
- (ii) Define oxygen requirements of bacteria.
- (iii) Name any four bacteria that produce Exotoxins.
- (iv) What is a culture medium? How do you classify culture media?
- (v) Draw a labelled diagram of Animal cell.
- (vi) What are the sites where stratified squamous epithelium is found in human body?
- (vii) What is a Gland? What are the main types of glands? Give two examples of each type.
- (viii) Describe briefly the characteristics of cardiac muscles.
- (ix) What are the different chambers of human heart? Give their names.
- (x) What is Muscle Tone?
- (xi) What are the functions of Lymph Nodes?
- (xii) Describe briefly the mechanism of Hypovolemic Shock.
- (xiii) What are the functions of Cerebral cortex?
- (xiv) Describe briefly the general structure of a long bone.
- (xv) Name the various parts of large intestine.
- (xvi) What are the functions of Gall Bladder?
- (xvii) Name any four diseases for which vaccination is available.
- (xviii) List the bones of cranium that cover the brain.
- (xix) What are the different types of joints? Give two examples for each.
- (xx) What are the functions of Testis?
- (xxi) Describe briefly the general structure of Bacteria.
- (xxii) Describe briefly the Lowenstein-Jensen medium. For which bacteria is it commonly used?
- (xxiii) Name three bacteria for each of the normal flora of skin and large intestine.
- (xxiv) What is Nosocomial infection? List the important Nosocomial infections.
- (xxv) List any four important fungal diseases in man.
- (xxvi) What are the routes of spread of Viral Hepatitis A?
- (xxvii) Write down the important features of Amoeba. What is the disease produced by amoeba?
- (xxviii) Write a short note on suction machine.
- (xxix) What are the uses of Formaldehyde?
- (xxx) What are the uses of Elli's forceps?
- (xxxi) What are the different types of non-absorbable sutures? Give examples.

SECTION - C (Marks 30)

Note: Attempt any TWO questions. All questions carry equal marks.

 $(2 \times 15 = 30)$

- **Q 3.** Describe the structure and functions of Stomach.
- Q 4. Describe gross anatomy of human heart.
- **Q 5.** What is meant by **Disinfection** and **Sterilization**? What are the methods used for Sterilization? Describe the process of Autoclaving.