Version No.				
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ROLL NUMBER						

MICROBIOLOGY II
HSSC-II

SECTION – A (Marks 08)

Time allowed: 15 Minutes

Section – A is compulsory. All parts of this section are to be answered on this page and handed over to the Centre Superintendent. Deleting/overwriting is not allowed.

Do not use lead pencil.

حصہ اوّل لازمی ہے۔اس کے جوابات اسی صفحہ پر دے کر ناظم مرکز کے حوالے کریں۔کاٹ کر دوبارہ لکھنے کی اجازت نہیں ہے۔لیڈ پنسل کا استعمال ممنوع ہے۔

Answer Sheet No. _____ Candidate's Sign. _____ Invigilator's Sign. _____

Fill the relevant bubble against each question:

	Question	A	B	C	D	A	B	C	D
1.	The cyst of Entamoeba Histolytica consist of nuclei	1-2	1-4	5-8	3-5	◯	◯	◯	◯
2.	Which culture media is a choice for fungal culture	LJ medium	Blood agar	CLED agar	Sabouraud agar	◯	◯	◯	◯
3.	Housefly plays and important role in parasitology as:	Vector	Carrier	Host	Parasite	◯	◯	◯	◯
4.	Which stage of Plasmodium is infectious to the human vertebrate host when injected by a female Anopheles mosquito?	Merozoite	Sporozoite	Gametocyte	Trophozoite	◯	◯	◯	◯
5.	Protozoa transmitted sexually is	Trichomonas Vaginalis	Entameoba Histolytica	Giardia Lamblia	Balantidium Coli	◯	◯	◯	◯
6.	Casoni test is used for the diagnosis of	Taeniasis	Hydatidiasis	Trichuriasis	Onchocerciasis	◯	◯	◯	◯
7.	Each of the following statements concerning Ascaris lumbricoides is correct except:	Ascaris lumbricoides is one of the largest nematodes	Ascaris lumbricoides can cause pneumonia	Both dogs and cats are intermediate hosts of Ascaris lumbricoides	A. lumbricoides is transmitted by ingestion of eggs	◯	◯	◯	◯
8.	KOH is used in direct microscopic examination of specimen for fungi because:	It is disinfectant	It digest keratin	It stains fungal element	It avoid drying of fungal specimen	◯	◯	◯	◯

Federal Board HSSC- II Examination
Model Question Paper
(Microbiology)
(Curriculum 2022-23) Scheme of Studies
2024

Time allowed: 2:15 Hours **Total Marks: 32**

Note: Answer all parts from Section 'B' and all questions from Section 'C' on the **E-sheet.**
Write your answers on the allotted /given spaces

SECTION – B (Marks 10x2=20)

Q. 2	**Attempt the following questions.**			**(10 × 2 = 20)**	
(i)	What do you mean by pseudopodia?	**02**	**OR**	Define host and its types?	**02**
(ii)	How can you differentiate E. histolytica from E. dispar?	**02**	**OR**	Draw a labeled diagram of Giardia Lambilia?	**02**
(iii)	Write a short note on Enterobious Vermicularis?	**02**	**OR**	Enlist the species of plasmodium?	**02**
(iv)	What do you mean by the term Autoinfection?	**02**	**OR**	Write down short note on amstigotes?	**02**
(v)	Which parasite cause hydrated cyst disease? Also write the of its definitive host.	**02**	**OR**	Define cyst?	**02**
(vi)	Enlist the names of blood flukes?	**02**	**OR**	Enlist the names of small intestine parasites?	**02**
(vii)	Define dimorphic fungi?	**02**	**OR**	What is schistosomiasis? Mention its causative agent and mode of transmission	**02**
(viii)	How is hydatid cyst disease diagnosed?	**02**	**OR**	Enlist the mode of transmission of parasitic diseases?	**02**
(ix)	What is budding?	**02**	**OR**	What is the purpose of iodine preparation in stool examination?	**02**
(x)	Differentiate between superficial and systemic mycosis?	**02**	**OR**	Define zoonosis?	**02**

SECTION – C (Marks 2x6=12)

Note: Attempt all questions. Marks of each question are given along with each question.

Q. 3	Write a detailed note on formalin ether sedimentation technique?	**06**	**OR**	Write a detailed note on the characteristics and	**06**
Q. 4	Write a detailed note on Balantidium coli under the following headings introduction, morphology, life cycle transmission, pathogenesis, lab diagnosis and clinical findings?	**06**	**OR**	Write a detailed note on malaria under the following headings introduction, morphology, life cycle transmission, pathogenesis, lab diagnosis and clinical findings	**06**