

TEMPLATE FOR COURSE SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

COURSE SPECIFICATION

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.

1. Teaching Institution	Kut technical institute
2. University Department/Centre	Pathological analysis
3. Course title/code	Parasitology
4. Programme(s) to which it contributes	
5. Modes of Attendance offered	Attendance is mandatory
6. Semester/Year	Yearly
7. Number of hours tuition (total)	180
8. Date of production/revision of this specification	22-11-2016
9. Aims of the Course	
having an idea about the human pathogenic parasites and its diseases and the lab. Diagnosis of its.	

10. Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Knowledge and Understanding

- A1. acquaint students about parasite and
- A2. how to diagnose and treatment.
- A3.
- A4.
- A5.
- A6 .

B. Subject-specific skills

- B1. The use of modern equipment in the diagnosis of parasite
- B2.** To know how can be analyzed different techniques of diagnosis the pathogenic parasites.
- B3.**

Teaching and Learning Methods

Laboratories and scientific visits and summer training

Assessment methods

Oral + written + quarterly exams + final

C. Thinking Skills

- C1. Lectures
- C2. practical skills within the laboratory
- C3.
- C4.

D. General and Transferable Skills (other skills relevant to employability and personal development)

- D1. Work in government and private medical laboratories
- D2.the possibility of completing his studies and obtain the highest certification
- D2.
- D3.
- D4.

11. Course Structure					
Week	Hou rs	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	6	Technical diploma	Definition of parasites	Theoretical , practical	Theoretical , practical and oral
2	6	=	General characteristic features of protozoa	Theoretical , practical	Theoretical , practical and oral
3	6	=	Entamoeba histolytica	Theoretical , practical	Theoretical , practical and oral
4	6	=	Entamoeba gingivalis , Neagleria	Theoretical , practical	Theoretical , practical and oral
5	6	=	Non pathogenic amoeba	Theoretical , practical	Theoretical , practical and oral
6	6	=	Mastigophora or flagellates , Giardia lamblia	Theoretical , practical	Theoretical , practical and oral
7	6	=	Genital flagellate	Theoretical , practical	Theoretical , practical and oral
8	6	=	Tissue and blood flagellate	Theoretical , practical	Theoretical , practical and oral
9	6	=	Trypanasoma spp	Theoretical , practical	Theoretical , practical and oral
10	6	=	Cilophora (ciliata)	Theoretical , practical	Theoretical , practical and oral
11	6	=	Review	Theoretical , practical	Theoretical , practical and oral
12	6	=	Features of sporozoa	Theoretical , practical	Theoretical , practical and oral
13	6	=	Plasmodium vivax , Plasmodium ovale	Theoretical , practical	Theoretical , practical and oral
14	6	=	Plasmodium malaria , Plasmodium falciparium	Theoretical , practical	Theoretical , practical and oral
15	6	=	Isisporia belli , Toxoplasma gondii	Theoretical , practical	Theoretical , practical and oral
16	6		Cryptosporidium spp.	=	=
17	6	=	Review and Examination (First one)	=	=
18	6	=	Features of metazoa	=	=
19	6	=	Taenia saginata , Taenia solium	=	=
20	6		Hymenolepis nana , Hymenolepis diminuta	=	=
21	6	==	Echinococcus granulosus	=	=
22	6	=	Class trematoda	=	=
23	6	=	Fasciola hepatica , Heterophyes heterophyes	=	=
24	6	=	Class nematode , Ascaris lumbricoides	=	=
25	6	=	Enterobius vermicularis , Acylostoma dudenale	=	=
26	6		Larva migrans in human	=	=

12. Infrastructure

Required reading:

- CORE TEXTS
- COURSE MATERIALS
- OTHER

1-books (text book of virology)

2-library sources

3-Internet sources

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Special requirements (include for example workshops, periodicals, IT software, websites)

Scientific visits to laboratories in hospitals and knowledge of modern equipment

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Community-based facilities (include for example, guest Lectures , internship , field studies)

Scientific visits to laboratories in hospitals and knowledge of modern equipment

13. Admissions

The use of PCR to diagnosis