

ANSWERS TO
 QUESTIONS 1-10

QUESTION	ANSWER	EXPLANATION	MARKS
1. (a) (i)	1.2	1.2	1
1. (a) (ii)	1.2	1.2	1
1. (b)	1.2	1.2	1
2. (a)	1.2	1.2	1
2. (b)	1.2	1.2	1
3. (a)	1.2	1.2	1
3. (b)	1.2	1.2	1
4. (a)	1.2	1.2	1
4. (b)	1.2	1.2	1
5. (a)	1.2	1.2	1
5. (b)	1.2	1.2	1
6. (a)	1.2	1.2	1
6. (b)	1.2	1.2	1
7. (a)	1.2	1.2	1
7. (b)	1.2	1.2	1
8. (a)	1.2	1.2	1
8. (b)	1.2	1.2	1
9. (a)	1.2	1.2	1
9. (b)	1.2	1.2	1
10. (a)	1.2	1.2	1
10. (b)	1.2	1.2	1



Figure 2 - 100 Bar Spring Separator (Right View)

10. Except as provided here or any law that would otherwise apply:

1.01 The entire amount of any gift given by a donor to a donee for the donor's lifetime shall be included in the donor's gross estate under Section 2035, but only if the donee dies within ten years after the donor's death, and the donee is either a child or grandchild of the donor, or a child or grandchild of the donor's spouse, or a child or grandchild of the donor's former spouse, or a child or grandchild of the donor's former spouse's former spouse.

1.02 Except as provided in this section and in any other applicable law:

(a) Any gift given by a donor to a donee for the donor's lifetime shall be included in the donor's gross estate under Section 2035, but only if the donee dies within ten years after the donor's death, and the donee is either a child or grandchild of the donor, or a child or grandchild of the donor's spouse, or a child or grandchild of the donor's former spouse, or a child or grandchild of the donor's former spouse's former spouse.

1.03 Gifts received by a donee surviving the donor shall be included in the donor's gross estate under Section 2035, but only if the donee dies within ten years after the donor's death, and the donee is either a child or grandchild of the donor, or a child or grandchild of the donor's spouse, or a child or grandchild of the donor's former spouse, or a child or grandchild of the donor's former spouse's former spouse.

1.04 The law of the jurisdiction in which the donee dies shall apply to determine whether the donee is a child or grandchild of the donor, or a child or grandchild of the donor's spouse, or a child or grandchild of the donor's former spouse, or a child or grandchild of the donor's former spouse's former spouse.

1.05 The law of the jurisdiction in which the donee dies shall apply to determine whether the donee is a child or grandchild of the donor, or a child or grandchild of the donor's spouse, or a child or grandchild of the donor's former spouse, or a child or grandchild of the donor's former spouse's former spouse.

1.06 When a gift is made to a donee for the donor's lifetime, the donee shall be treated as if he or she had died at the time of the donor's death, and the donee's estate shall be included in the donor's gross estate under Section 2035, but only if the donee dies within ten years after the donor's death, and the donee is either a child or grandchild of the donor, or a child or grandchild of the donor's spouse, or a child or grandchild of the donor's former spouse, or a child or grandchild of the donor's former spouse's former spouse.

1.07 If the donee is treated as if he or she had died at the time of the donor's death, the donee's estate shall be included in the donor's gross estate under Section 2035, but only if the donee dies within ten years after the donor's death, and the donee is either a child or grandchild of the donor, or a child or grandchild of the donor's spouse, or a child or grandchild of the donor's former spouse, or a child or grandchild of the donor's former spouse's former spouse.

1.08 Except as provided in this section:

1.01 Any gift given by a donor to a donee for the donor's lifetime shall be included in the donor's gross estate under Section 2035, but only if the donee dies within ten years after the donor's death, and the donee is either a child or grandchild of the donor, or a child or grandchild of the donor's spouse, or a child or grandchild of the donor's former spouse, or a child or grandchild of the donor's former spouse's former spouse.

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1.06 The law of the jurisdiction in which the donee dies shall apply to determine whether the donee is a child or grandchild of the donor, or a child or grandchild of the donor's spouse, or a child or grandchild of the donor's former spouse, or a child or grandchild of the donor's former spouse's former spouse.

conform with the following criteria:
1. **REASONABLELY PROTECTED FROM
UNLAWFUL DISCRIMINATION**

2. **BEING A PUBLICLY UTILIZED
OR OPENLY AVAILABLE FACILITY**
(SEE ALSO 104-104-02)

3. **BEING A PUBLICLY UTILIZED
OR OPENLY AVAILABLE FACILITY**
4. **BEING A FACILITY OR SERVICE IN
WHICH THE OPERATOR IS PROVIDING A
SERVICE TO THE PUBLIC IN CONNECTION
WITH THE OPERATION OF A BUSINESS,
OR IN CONNECTION WITH THE OPERATION OF
A SERVICE, OR IN CONNECTION WITH THE
OPERATION OF A FACILITY, OR IN
CONNECTION WITH THE OPERATION OF A
SERVICE, OR IN CONNECTION WITH THE
OPERATION OF A FACILITY, OR IN
CONNECTION WITH THE OPERATION OF A
SERVICE.**

5. **BEING A FACILITY OR SERVICE IN
WHICH THE OPERATOR IS PROVIDING A
SERVICE TO THE PUBLIC IN CONNECTION
WITH THE OPERATION OF A BUSINESS,
OR IN CONNECTION WITH THE OPERATION OF
A SERVICE, OR IN CONNECTION WITH THE
OPERATION OF A FACILITY, OR IN
CONNECTION WITH THE OPERATION OF A
SERVICE.**

6. **BEING A FACILITY OR SERVICE IN
WHICH THE OPERATOR IS PROVIDING A
SERVICE TO THE PUBLIC IN CONNECTION
WITH THE OPERATION OF A BUSINESS,
OR IN CONNECTION WITH THE OPERATION OF
A SERVICE, OR IN CONNECTION WITH THE
OPERATION OF A FACILITY, OR IN
CONNECTION WITH THE OPERATION OF A
SERVICE.**

7. **BEING A FACILITY OR SERVICE IN
WHICH THE OPERATOR IS PROVIDING A
SERVICE TO THE PUBLIC IN CONNECTION
WITH THE OPERATION OF A BUSINESS,
OR IN CONNECTION WITH THE OPERATION OF
A SERVICE, OR IN CONNECTION WITH THE
OPERATION OF A FACILITY, OR IN
CONNECTION WITH THE OPERATION OF A
SERVICE.**

8. **BEING A FACILITY OR SERVICE IN
WHICH THE OPERATOR IS PROVIDING A
SERVICE TO THE PUBLIC IN CONNECTION
WITH THE OPERATION OF A BUSINESS,
OR IN CONNECTION WITH THE OPERATION OF
A SERVICE, OR IN CONNECTION WITH THE
OPERATION OF A FACILITY, OR IN
CONNECTION WITH THE OPERATION OF A
SERVICE.**

9. DISCRIMINATION

9.1. **THE FOLLOWING SHALL BE THE
APPLICABLE CRITERIA FOR THE
DISCRIMINATION:**
9.1.1. **THE OPERATOR SHALL NOT
DISCRIMINATE AGAINST ANY PERSON
ON THE BASIS OF RACE, COLOR,
RELIGION, SEX, OR ANCESTRY, OR
ON THE BASIS OF ANY OTHER
CHARACTERISTIC THAT IS UNLAWFULLY
PROHIBITED BY FEDERAL, STATE,
OR LOCAL LAWS, REGULATIONS, OR
ORDINANCES.**

2.10. Material Under Review

2.10.1. Material Under Review

The material under review is a book titled "The History of the World" by a well-known author. It is a comprehensive work that covers the entire history of the world from ancient times to the present day.

The book is divided into several volumes, each covering a different period of history. The first volume covers the period from the beginning of time to the fall of the Roman Empire. The second volume covers the period from the fall of the Roman Empire to the beginning of the Middle Ages.

The third volume covers the period from the beginning of the Middle Ages to the end of the Middle Ages. The fourth volume covers the period from the end of the Middle Ages to the present day.

The book is written in a clear and concise style, and it is a valuable resource for anyone interested in the history of the world. It is a must-read for anyone who wants to understand the world we live in today.



The diagram illustrates the internal components of the assembly. The shaft is connected to the gear, which is in contact with the housing. The spring is used to maintain tension on the piston, which is part of the internal mechanism. The housing is designed to protect the internal components and provide a seal.



The diagram shows the internal components of the assembly in more detail. The linkage mechanism is used to convert the rotational motion of the gear into the linear motion of the piston. The bearing supports the shaft and allows it to rotate smoothly. The housing is designed to be robust and durable, capable of withstanding the forces generated by the assembly.

5.151 - SERVICE AND MAINTENANCE (cont.)

5.151.10 - SERVICE AND MAINTENANCE

1. CHECK AIR FILTER. SEE (5.151.10.1).

2. CHECK OIL LEVEL. SEE (5.151.10.2).

3. CHECK DRIVE BELT TENSION. SEE (5.151.10.3).

5.151.10.1 - CHECK AIR FILTER

1. STOP ENGINE. SEE (5.151.10.1.1).

2. REMOVE AIR FILTER. SEE (5.151.10.1.2).

3. INSPECT AIR FILTER. SEE (5.151.10.1.3).

4. REINSTALL AIR FILTER. SEE (5.151.10.1.4).

5.151.10.2 - CHECK OIL LEVEL

1. STOP ENGINE. SEE (5.151.10.2.1).

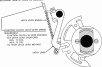
2. CHECK OIL LEVEL. SEE (5.151.10.2.2).

5.151.10.3 - CHECK DRIVE BELT TENSION

1. STOP ENGINE. SEE (5.151.10.3.1).

2. CHECK DRIVE BELT TENSION. SEE (5.151.10.3.2).

3. ADJUST DRIVE BELT TENSION. SEE (5.151.10.3.3).



2.100 Microscopy



1. PLACE IN READY POSITION:
 1. Turn nosepiece to low power objective.
 2. Turn stage to left and center specimen on stage.
 3. Turn stage to right.



2. LOCATE SPECIMEN AND CENTER:
 1. Use wide field of view and center specimen using coarse adjustment.
 2. Turn stage to left.
 3. Turn stage to right with coarse adjustment.
 4. Turn stage to left and center specimen.
 5. Turn stage to right.



3. HIGH POWER OBJECTIVE:
 1. Turn nosepiece to high power objective.
 2. Turn stage to left and center specimen on stage.
 3. Turn stage to right and center specimen.
 4. Turn stage to left and center specimen.
 5. Turn stage to right and center specimen.
 6. Turn stage to left and center specimen.
 7. Turn stage to right and center specimen.
 8. Turn stage to left and center specimen.
 9. Turn stage to right and center specimen.

2.2.1. Motor Mechanism

2.2.1.1. Motor Mechanism

The motor mechanism is the part of the machine that converts electrical energy into mechanical energy.

The motor mechanism is the part of the machine that converts electrical energy into mechanical energy. It is the part of the machine that converts electrical energy into mechanical energy.

2.2.1.2. Motor Mechanism

The motor mechanism is the part of the machine that converts electrical energy into mechanical energy. It is the part of the machine that converts electrical energy into mechanical energy.

Fig. 2.2.1.2

Motor Mechanism



Fig. 2.2.1.2

Motor Mechanism

10.01 - Paint Materials (Part 1)

10.01.00 - PAINTS shall include all materials and supplies for the application of paint, primer, undercoat, and finish coats of paint, and all other materials and supplies for the application of paint, primer, undercoat, and finish coats of paint, and all other materials and supplies for the application of paint, primer, undercoat, and finish coats of paint.



10.01.01 - PAINTS shall include all materials and supplies for the application of paint, primer, undercoat, and finish coats of paint, and all other materials and supplies for the application of paint, primer, undercoat, and finish coats of paint, and all other materials and supplies for the application of paint, primer, undercoat, and finish coats of paint.



10.01.02 - PAINTS shall include all materials and supplies for the application of paint, primer, undercoat, and finish coats of paint, and all other materials and supplies for the application of paint, primer, undercoat, and finish coats of paint, and all other materials and supplies for the application of paint, primer, undercoat, and finish coats of paint.

1.31 **WATER TREATMENT (continued)**

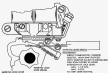


FIG. 2. MECHANICAL DRAWING (Cont.)



SECTION A-A (SEE FIG. 1)

SECTION B-B

FOR DIMENSIONS REFER TO FIG. 1

FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1



SECTION C-C (SEE FIG. 1)

SECTION D-D

FOR DIMENSIONS REFER TO FIG. 1

FIG. 1

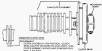
FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1



SECTION E-E (SEE FIG. 1)

SECTION F-F

FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

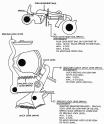
FOR DIMENSIONS REFER TO FIG. 1

FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1

FOR DIMENSIONS REFER TO FIG. 1



Q.28. ANSWERS TO QUESTIONS

IN MULTIPLE-CHOICE QUESTIONS

QUESTION

1. (b) The correct answer is (b). The correct answer is (b). The correct answer is (b). The correct answer is (b).



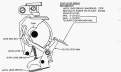
The correct answer is (b). The correct answer is (b). The correct answer is (b). The correct answer is (b).

IN SHORT-ANSWER QUESTIONS



IN LONG-ANSWER QUESTIONS

1. The correct answer is (a). The correct answer is (a). The correct answer is (a). The correct answer is (a).



DESCRIPTION OF THE MOUNTING BRACKET
 This is the mounting bracket for the mounting bracket of the mounting bracket. It is a mechanical component that is used to mount the mounting bracket of the mounting bracket. It is made of metal and is designed to be mounted on the mounting bracket of the mounting bracket. It is used to hold the mounting bracket of the mounting bracket in place. It is a simple and effective design that is easy to install and use. It is a good choice for anyone who needs to mount the mounting bracket of the mounting bracket.

TABLE 1: MOUNTING BRACKET OF THE MOUNTING BRACKET

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	REMARKS
1	MOUNTING BRACKET	1	PC	
2	MOUNTING BRACKET	1	PC	

1.22. OPERATIONAL



12

OPERATIONAL AIR
 OPERATIONAL AIR

1.23. OPERATIONAL AIR
 OPERATIONAL AIR
 OPERATIONAL AIR
 OPERATIONAL AIR

13

OPERATIONAL AIR
 OPERATIONAL AIR

OPERATIONAL AIR
 OPERATIONAL AIR

OPERATIONAL AIR
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14

OPERATIONAL AIR
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 OPERATIONAL AIR



15

OPERATIONAL AIR
 OPERATIONAL AIR

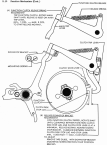
16

OPERATIONAL AIR
 OPERATIONAL AIR

17

OPERATIONAL AIR
 OPERATIONAL AIR

11.20 - Double-Action Valve



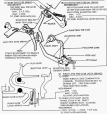
5.6. Review/Class City Mechanics

62 **6.1. VENTILATION**

6.1.1. GENERAL

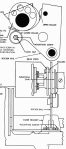
62 The design shall be based on the following assumptions, unless otherwise indicated and when applicable:

- 63 (a) ASHRAE 62-2001, and ASHRAE 62-2009
- 64 (b) All spaces shall be conditioned to 70°F (21°C) minimum dry-bulb temperature.
- 65 (c) All spaces shall be conditioned to 50% relative humidity and 100% outdoor air when required.



5.07 Water Distribution

- 1.01 Section Includes
 - a. Water Distribution
 - b. Water Distribution
 - c. Water Distribution
 - d. Water Distribution
 - e. Water Distribution
 - f. Water Distribution
 - g. Water Distribution
 - h. Water Distribution
 - i. Water Distribution
 - j. Water Distribution
 - k. Water Distribution
 - l. Water Distribution
 - m. Water Distribution
 - n. Water Distribution
 - o. Water Distribution
 - p. Water Distribution
 - q. Water Distribution
 - r. Water Distribution
 - s. Water Distribution
 - t. Water Distribution
 - u. Water Distribution
 - v. Water Distribution
 - w. Water Distribution
 - x. Water Distribution
 - y. Water Distribution
 - z. Water Distribution



SECTION 05 5000

1.1. INTRODUCTION

1.1.1. General Information

The following information is provided for the purpose of the present study. It is intended to provide a general overview of the project and its objectives. The information is based on the data provided in the project documents and is intended to provide a general overview of the project and its objectives.

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11.01. Environmental Issues

4.03.2.3.1. Environmental Issues

The environmental issues are listed below. The environmental issues are listed below. The environmental issues are listed below.

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The environmental issues are listed below. The environmental issues are listed below. The environmental issues are listed below.



4.03.2.3.2. Environmental Issues

The environmental issues are listed below. The environmental issues are listed below. The environmental issues are listed below.

The environmental issues are listed below. The environmental issues are listed below. The environmental issues are listed below.

2.32 Hand Mechanism (Cont.)

PROBLEM STATEMENT:

DESIGN A HAND MECHANISM FOR A ROBOTIC ARM. THE MECHANISM MUST BE ABLE TO GRASP AND HOLD OBJECTS OF VARYING SIZES AND SHAPES. THE MECHANISM SHOULD BE SIMPLE AND EASY TO MANUFACTURE. THE DESIGN SHOULD BE BASED ON MECHANICAL DESIGN PRINCIPLES.

DESIGN THE MECHANISM TO GRASP AND HOLD OBJECTS OF VARYING SIZES AND SHAPES. THE MECHANISM SHOULD BE SIMPLE AND EASY TO MANUFACTURE. THE DESIGN SHOULD BE BASED ON MECHANICAL DESIGN PRINCIPLES.

THE MECHANISM SHOULD BE ABLE TO GRASP AND HOLD OBJECTS OF VARYING SIZES AND SHAPES. THE MECHANISM SHOULD BE SIMPLE AND EASY TO MANUFACTURE. THE DESIGN SHOULD BE BASED ON MECHANICAL DESIGN PRINCIPLES.



FIGURE 2.32

2.20. 2000 Worksheet (Cont.)
20. LABORATORY OBJECTIVE

After a session with this laboratory exercise, you should be able to:

1. identify the structures of the eye.
2. describe the functions of the eye.

20.1. PURPOSE OF THE EXPERIMENT

To study the structure and function of the eye.


20.2. THEORY

The eye is a complex organ that allows us to see. It is composed of several parts, each with a specific function.

20.3. PROCEDURE

1. Observe the diagram of the eye and identify the parts labeled.

2. Describe the function of each part.

3. Complete the table below.

20.4. RESULT

The eye is a complex organ that allows us to see. It is composed of several parts, each with a specific function.



2.21. Basic Methods (20%)

2.21.1. INFORMATION SYSTEMS DESIGN

2.21.1.1. INFORMATION SYSTEMS DESIGN: ANALYSIS AND DESIGN

QUESTION

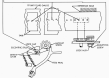
1. The following information system is used by a company to manage its inventory. The system is currently being used by the company and is being used to manage its inventory. The system is currently being used by the company and is being used to manage its inventory.

ANSWER

1. The following information system is used by a company to manage its inventory. The system is currently being used by the company and is being used to manage its inventory. The system is currently being used by the company and is being used to manage its inventory.

QUESTION

2. The following information system is used by a company to manage its inventory. The system is currently being used by the company and is being used to manage its inventory. The system is currently being used by the company and is being used to manage its inventory.



4.11. Field Maintenance (cont.)

REPAIRING THE
UNIT



INTERNAL MECHANISM (REPAIRING)

NOTES ON THE INTERNAL MECHANISM (REPAIRING)

REPAIRING

The internal mechanism of the unit is a complex assembly of gears, levers, and shafts. It is designed to perform operations on the message text. The internal mechanism is shown in the drawing. It is a complex assembly of gears, levers, and shafts. It is designed to perform operations on the message text. The internal mechanism is shown in the drawing.

NOTES

The internal mechanism of the unit is a complex assembly of gears, levers, and shafts. It is designed to perform operations on the message text. The internal mechanism is shown in the drawing. It is a complex assembly of gears, levers, and shafts. It is designed to perform operations on the message text. The internal mechanism is shown in the drawing.

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5.10. Mechanical Design

DESIGN:
 THE DESIGN SHOULD BE DONE BY
 THE DESIGNER WHO IS RESPONSIBLE
 FOR THE DESIGN OF THE
 MECHANICAL PARTS OF THE
 MACHINE.

DESIGN:
 THE DESIGN SHOULD BE DONE BY
 THE DESIGNER WHO IS RESPONSIBLE
 FOR THE DESIGN OF THE
 MECHANICAL PARTS OF THE
 MACHINE.

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 THE DESIGNER WHO IS RESPONSIBLE
 FOR THE DESIGN OF THE
 MECHANICAL PARTS OF THE
 MACHINE.



5.00 PARTITION DRAWING DETAILS



REQUIREMENTS:
 THE PARTITION WALL SHALL BE CONSTRUCTED OF 1/2" THICK Gypsum Board on a 2x4 Stud Wall. THE PARTITION SHALL BE FINISHED WITH 1/2" THICK Gypsum Board on Both Sides. THE PARTITION SHALL BE FINISHED WITH 1/2" THICK Gypsum Board on Both Sides. THE PARTITION SHALL BE FINISHED WITH 1/2" THICK Gypsum Board on Both Sides. THE PARTITION SHALL BE FINISHED WITH 1/2" THICK Gypsum Board on Both Sides.



REQUIREMENTS:
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1.11. The Microscope (Micrograph)

(a) Compound Microscope

The compound microscope consists of two lenses and three main parts (shown in Fig. 1.11.1).

1.11.1.1. The Objective Lens: This lens is used to collect light from the specimen and form a real, inverted, and magnified image of it.

1.11.1.2. The Eyepiece Lens: This lens is used to further magnify the image formed by the objective lens and form a virtual, upright, and magnified image of it.



1.11.1.3. The Microscope Body: This part of the microscope holds the objective lens and the eyepiece lens in place. It also contains the mechanical parts that allow the lenses to be moved in and out of focus.

The compound microscope is used to study the structure of cells and tissues. It is also used to study the structure of microorganisms. The compound microscope is used to study the structure of the following:



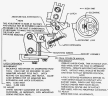
1.11.2. The Micrograph: This is a photograph of a specimen taken through a microscope. It is used to study the structure of cells and tissues. The micrograph is used to study the structure of the following:

4.51: Basic Drive Assembly (Reference: Figure 4)

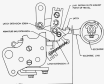


- 1. MOTOR
- 2. GEAR
- 3. SHAFT
- 4. PULLEY
- 5. BELT
- 6. FLYWHEEL
- 7. GEAR
- 8. SHAFT
- 9. PULLEY
- 10. BELT
- 11. FLYWHEEL

2.10 How Does Biological Microscopy Work?



4.20. Remove (See Figure 202) (See Note 2)



202. Remove the circuit breaker from the circuit breaker housing. To do so, remove the cap screw and the circuit breaker. To do so, remove the cap screw and the circuit breaker.

203. 10000

204. 10000

Fig. 2.1 Parts of a compound microscope.



QUESTIONS
 1. Explain the following terms:
 (a) Resolution
 (b) Magnification
 (c) Depth of field
 (d) Numerical aperture
 (e) Working distance
 (f) Field of view

L20: Basic Micro Biological Methods (Part 1)

