



COMPONENTS	MARKS	TOTAL MARKS	PASS MARKS
<b>DAY-1</b> <b>Component I-A</b> Identification of bacteria by Culture and sensitivity	Three questions. Specimen to be provided on the pattern of the clinical specimen. Results to be finalized by the end of the morning session on third day. Findings to be recorded at the end of each step during the three days of bench work including advice to the physicians.	20	12
<b>Component I-B</b> Identification of the micro organisms by Morphology and biochemical tests	Two questions provided as pure cultures to be identified within 30 hours with the help of morphology and routine 1st day biochemical investigations	10	06
<b>a)</b> Continuation of component I-A & B <b>Component II</b> Microbiology/ Immunology/ Virology/ Mycology and Parasitology	i) Continuation of Day-1 work ii) One or two questions. Suggested questions: <b>a)</b> VDRL/TPHA, <b>b)</b> Widal/ASOT, <b>c)</b> ELISA for Hepatitis, markers, Toxoplasma, Myco TB complex etc., <b>d)</b> Other investigations, related to bacteriology/virology/ immunology/ parasitology / mycology	10	06
<b>DAY-2</b> (at CPSP) <b>Component III</b> Spots for Diagnosis	i) Continuation of Day – 2 work ii) Slides, culture plates or other laboratory materials may be set up as spots. Recommended number of spots 15-20. These will include spots from bacteriology (80%) and virology/parasitology/mycology/ immunology (20%)	10	06
<b>Component IV</b> Viva Voce (40 minutes)	Viva Voce examination to be conducted by a set of two examiners at two stations for 10 minutes each examiner. The topics should include Microbiology, Virology, Immunology, (major subjects) and Haematology, Chemical Pathology and histopathology (minor subjects)	10 10	06 06
<b>AGGREGATE</b>		<b>70</b>	<b>42</b>

## Format of practical examination

### **DAY-1** Component I-A. Isolation & Identification by Culture and sensitivity (Three questions):

Specimens will be provided on the pattern of the clinical specimens. The candidates are expected to record their findings at the end of each step during the three days of bench work including advice to the physicians.

### Component I-B. Identification of the micro-organisms by Morphology and Biochemical tests:

The candidates will be provided two questions as pure cultures to be identified within 30 hours with the help of morphology and routine 1st day biochemical investigations.

### Component II. Bacteriology / Virology / Immunology / Parasitology / Mycology:

This section includes short questions from investigations related to:  
Bacteriology / Virology / Immunology / Parasitology / Mycology.

### **DAY-2** Component III. Spots diagnoses:

Fifteen to Twenty slides, culture plates or other laboratory materials will be set up as spots. These will include spots from Bacteriology and Virology / Parasitology / Mycology / Immunology.

### Component IV. Viva Voce I & II.

Viva voce examination will be conducted by a set of two examiners for 10 minutes each at two station. Topics covered should include microbiology with Immunology/Virology and Mycology, Histopathology, Haematology and Chemical Pathology.