CENTRAL BHARAT SEVAK SAMAJ

NATIONAL DEVELOPMENT AGENCY, ESTABLISHED IN 1952 BY PLANNING COMMISSION, GOVT. OF INDIA

CENTRAL BOARD OF EXAMINATIONS

BSS NATIONAL VOCATIONAL EDUCATION MISSION

BTS003-BSS DIPLOMA IN MICROBIOLOGY

ONE YEAR EXAMINATION NOVEMBER-2025

BTS003-01 COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 questions are there in total
* Write answers to each question in proportion to the mark allotted
* During the first 15 minutes read the questions carefully

I. FILL IN THE BLANKS - ANSWER FOR ANY 10 QUESTIONS **1 x 10 = 10**

1) Vowels are _____ in number

2) He travelled _____ Ticket.

3) My school is _____ the church.

4) Mouse is an _____ device

5) Computer viruses is atype of _____ programme(Software)

6) Key board shortcut for undo command is _____

7) In MS Word print is in _____ menu

8) In Windows _____ function key used to get help

9) The tool bar contains _____ related to the _____

10) _____ is the most widely used sprea sheet package

11) _____ generation computer used to integrated circuits.

12) The expansion of WAN is _____

13) Who is invented slide rule _____

14) He is running _____ the road.

15) Mouse is an _____ device.

II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS **2 x 10 = 20**

1) Define what is noun?
2) What is conjunction?
3) Define adjectives of number?
4) Windows
5) Hardware
6) Desktop
7) Noun phrase
8) Save use
9) Computer
10) Prefixes
11) Web layout
12) Noun phrase
13) Explain Cut, Copy and 'Paste'
14) Define Proper Noun
15) Define Adverbs?

III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS **5 x 5 = 25**

1) Explain few sentences using "should would"?
2) Define usage of interjection?
3) Explain few sentences using "may, among, before"?
4) Explain analog and hybrid computer
5) Explain the Fourth and Fifth generation of computer?
6) Define A, B, C in CPR?
7) Give 5 examples of interrogative sentence
8) Explain Informal letter

IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS **15 x 3 = 45**

1) Write all Internal Commands in dos and explain it.
2) Explain 'slide presentation creating' in MS Power Point
3) What is Internet what are its advantages
4) Write a letter to your friend inviting her to spend a few days with you during the summer vocation?
5) Write about Parts of speech?

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BTS003-BSS DIPLOMA IN MICROBIOLOGY

ONE YEAR EXAMINATION NOVEMBER-2025

BTS003-03 GENERAL MICROBIOLOGY & IMMUNOLOGY

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 questions are there in total
* Write answers to each question in proportion to the mark allotted
* During the first 15 minutes read the questions carefully

I. FILL IN THE BLANKS - ANSWER FOR ANY 10 QUESTIONS **1 x 10 = 10**

1) Lactose ferment producing colour _____

2) Tss-ful from _____

3) Enterococci arrangement _____

4) Streptococci arrangement _____

5) Tss-ful from _____

6) Haemolysis producing organism _____

7) Enterococci arrangement _____

8) _____ means eye with refractive errors.

9) Amaurosis means _____

10) Multiple rows of eyelashes which rub against cornea is _____

11) _____ means absence of lens

12) _____ means cornea is small

13) _____ means cornea is enlarged

14) _____ means Laser Assisted in Situ Keratomileusis

15) In the Against the rule astigmatism, the _____ meridian is more curved.

II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS **2 x 10 = 20**

1) Pnemococci
2) Corynebacteria Arrangement
3) A Gas Ganger producing Organism
4) What is Ametropia?
5) What is Achromatopsia
6) What does Avascular means
7) What is Homonymous Hemianopia?
8) What is Bitemporal Hemianopia
9) What is Poliosis?
10) What is Trichiasis?
11) What is Pingueculae?
12) What is microcornea
13) What is megalocornea
14) What is ERG?
15) What is Glaucoma?

III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS **5 x 5 = 25**

1) Gram stain
2) Notes about immunology
3) Gram stain
4) parasites
5) What is Trichiasis, Districhiasis, Entropion and Ectropian?
6) What is EOG and ERG?
7) What is Myopia, hypermetropia and Astigmatism?
8) What is Presbyopia, discuss the accommodation factor in ciliary body?

IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS **15 x 3 = 45**

1) IMVIC
2) What is Achromatopsia also more information about blindness of Red, Blue and Green colours.
3) What is Presbyopia, discuss the accommodation factor in ciliary body. Draw and explain?
4) Draw and Explain what is Diabetic Retinopathy?
5) What is Retinal Detachment.

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BTS003-BSS DIPLOMA IN MICROBIOLOGY

ONE YEAR EXAMINATION NOVEMBER-2025

BTS003-04 VITROLOGY, MICROBIOLOGY & PARASITROLOGY

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 questions are there in total
* Write answers to each question in proportion to the mark allotted
* During the first 15 minutes read the questions carefully

I. FILL IN THE BLANKS - ANSWER FOR ANY 10 QUESTIONS **1 x 10 = 10**

1) Arena viruses _____

2) Bullet shape viruses _____

3) Sandy appearance _____ viruses

4) Lassa fever viruses example _____

5) Yellow fever causing viruse _____

6) Orthomyxoviruses means _____

7) Picoma viruses means _____

8) Togo viruses size _____

9) Beniya viruses size _____

10) Paramyxoviruse consisting of _____

11) Arena viruses _____

12) Bullet shape viruses _____

13) Sandy appearance _____ viruses

14) Lassa fever viruses example _____

15) Yellow fever causing viruse _____

II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS **2 x 10 = 20**

1) DNA
2) RNA
3) AZT
4) CFT
5) NP 9Nucleo- protein0 Antigen
6) F.T.A.Technique
7) Electron Microscope
8) Elisa
9) R.I.A
10) AIDS
11) DNA
12) RNA
13) AZT
14) CFT
15) NP 9Nucleo- protein0 Antigen

III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS **5 x 5 = 25**

1) HaemophiliaGram stain
2) Indian inter preparation
3) Mycobacterium
4) Bordetalla
5) Haemophilis
6) Mycobacterium tuberculosis
7) Bordetalla
8) Haemophilis

IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS **15 x 3 = 45**

1) AIDS, HIV viruse
2) AFB stain
3) Hanning drop
4) Hepatities viruse
5) DCA media