

National Testing Agency

Question Paper Name: General Microbiology 09th November 2019 Shift 1
Subject Name: General Microbiology
Creation Date: 2019-11-09 15:06:23
Duration: 180
Total Marks: 100
Display Marks: Yes

General Microbiology

Group Number : 1
Group Id : 709597130
Group Maximum Duration : 0
Group Minimum Duration : 120
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time: 0
Group Marks: 100

General Microbiology

Section Id : 709597133
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 100
Number of Questions to be attempted: 100
Section Marks: 100
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 709597153
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 70959712882 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Mycology is the branch of microbiology dealing with the study of

- A. Bacteria
- B. Fungi
- C. Protozoa
- D. Viruses

Question Number : 2 Question Id : 70959712883 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A method of sterilization known as Tyndallisation was developed by

- A. Louis Pasteur
- B. Alexander Flemming
- C. Joseph Lister
- D. John Tyndall

Question Number : 3 Question Id : 70959712884 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

----- is not Basidiomycetes fungi

- A. Mushroom
- B. Toadstool
- C. Sac fungi
- D. Puffballs

Question Number : 4 Question Id : 70959712885 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Cells arise fromis the principles of cell theory

- A. Fossils
- B. Water
- C. Pre-existing cells
- D. None of the options

Question Number : 5 Question Id : 70959712886 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Resolving power of a microscope is

- A. Refractive index
- B. Wavelength of light used
- C. Wavelength of light used and numerical aperture of lens system
- D. Numerical aperture of the lens

Question Number : 6 Question Id : 70959712887 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

..... is the structural and functional unit of life

- A. Tissue
- B. Organ
- C. Organelle
- D. Cell

Question Number : 7 Question Id : 70959712888 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The function of SSB protein is to.....

- A. Prevent rewinding of single strand into double strand helix
- B. Keeping the double strand intact
- C. Make space for RNA primase
- D. None of the options

Question Number : 8 Question Id : 70959712889 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Ascomycetes is also known as-

- A. Club fungi
- B. Sac fungi
- C. Fungi imperfecti
- D. Chytrids

Question Number : 9 Question Id : 70959712890 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The enzyme responsible for DNA replication in prokaryotes is...

- A. Pol I
- B. Pol II
- C. Pol III
- D. None of the options

Question Number : 10 Question Id : 70959712891 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

.....are infected by Nanoviridae

- A. Prokaryotes
- B. Animals
- C. Human
- D. Plants

Question Number : 11 Question Id : 70959712892 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Retroviruses are.....

- A. Double stranded DNA virus
- B. Single stranded DNA virus
- C. Double stranded RNA virus
- D. Reverse transcribing single stranded RNA virus.

Question Number : 12 Question Id : 70959712893 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The counter stain used in Gram staining technique is –

- A. Crystal violet
- B. Methylene blue
- C. Iodine
- D. Safranin

Question Number : 13 Question Id : 70959712894 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Gram positive bacterial cell wall possesses ----- charge.

- A. Positive
- B. Neutral
- C. Negative
- D. None of the options

Question Number : 14 Question Id : 70959712895 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Capsules in Gram negative bacteria are made up of –

- A. Polysaccharides
- B. NAM
- C. Lipids
- D. NAG

Question Number : 15 Question Id : 70959712896 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Plasmogamy is a –

- A. Sexual process
- B. Asexual process
- C. Vegetative reproduction
- D. None of the options

Question Number : 16 Question Id : 70959712897 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Karyogamy in yeast reproduction is the

- A. Union of cytoplasmic material
- B. Union of nuclear material
- C. Both A and B
- D. None of the options

Question Number : 17 Question Id : 70959712898 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Tobacco mosaic virus (TMV) has a

- A. Icosahedral capsid
- B. Helical capsid
- C. capsid of complex symmetry
- D. None of the options

Question Number : 18 Question Id : 70959712899 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The largest virus is the

- A. Poxviruses
- B. Parvoviruses
- C. Herpes viruses
- D. Adeno viruses

Question Number : 19 Question Id : 70959712900 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

HIV is an –

- A. Naked icosahedral viruses
- B. Complex viruses
- C. Enveloped viruses
- D. None

Question Number : 20 Question Id : 70959712901 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Viruses are –

- A. Obligate intracellular parasite
- B. can exist and reproduce independent of living cells
- C. both A and B
- D. none of the options

Question Number : 21 Question Id : 70959712902 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The enzymes that break down the nucleic acids are the –

- A. Nucleases
- B. Proteases
- C. Amylases
- D. None of the options

Question Number : 22 Question Id : 70959712903 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Lambda phage is a –

- A. Temperate phage
- B. Virulent phage
- C. Lytic phage
- D. None of the options

Question Number : 23 Question Id : 70959712904 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Viruses that infect bacteria are the.....

- A. HIV
- B. Pox virus
- C. Bacteriophage
- D. None of the options

Question Number : 24 Question Id : 70959712905 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

int gene codes for the enzyme

- A. isomerase
- B. nuclease
- C. integrase
- D. protease

Question Number : 25 Question Id : 70959712906 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

cl gene codes for

- A. lambda repressor protein
- B. Promoter
- C. Operator
- D. None of the options

Question Number : 26 Question Id : 70959712907 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. axis gene codes for –

- A. cro protein
- B. integrase
- C. excisionase
- D. none of the options

Question Number : 27 Question Id : 70959712908 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Ethylene oxide is used to destroy or kill

- A. Bacteria
- B. Fungi
- C. Spores
- D. All of the options

Question Number : 28 Question Id : 70959712909 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

.....is the term that describe the killing of spores

- A. Bactericidal
- B. Sporicidal
- C. Virucidal
- D. Fungicidal

Question Number : 29 Question Id : 70959712910 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Heat labile solutions are sterilized by

- A. Autoclave
- B. Membrane filtration
- C. Pasteurization
- D. Dry heat

Question Number : 30 Question Id : 70959712911 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. High efficiency particulate air filter is used to filter.....

- A. Water
- B. Heat sensitive solutions
- C. Both A and B
- D. Air

Question Number : 31 Question Id : 70959712912 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. Motility in bacteria is achieved by

- A. Capsule
- B. Endospore
- C. Flagella
- D. None of the options

Question Number : 32 Question Id : 70959712913 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The acid fastness in acid fast bacteria is due to the presence of

- A. Mycolic acid
- B. Porin
- C. Tubulin
- D. None of the options

Question Number : 33 Question Id : 70959712914 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The counter stain used in gram staining is.....

- A. Crystal violet
- B. Safranin
- C. Methylene blue
- D. Congo red

Question Number : 34 Question Id : 70959712915 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Fungi are the

- A. Photolithotrophic autotrophs
- B. Chemolithotrophic autotrophs
- C. Chemoorganotrophic heterotrophs
- D. Photoorganotrophic heterotrophs

Question Number : 35 Question Id : 70959712916 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In defined media.....

- A. Components of the medium are known
- B. Components of the medium are not known
- C. Some are known and some are not
- D. None

Question Number : 36 Question Id : 70959712917 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The first intermediate in the TCA cycle is

- A. Succinate
- B. Fumarate
- C. Citrate
- D. Malate

Question Number : 37 Question Id : 70959712918 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Phycocyanin is apigment

- A. Green
- B. Blue
- C. Red
- D. None of the options

Question Number : 38 Question Id : 70959712919 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. The ratio of ATP to NADPH that is required for carbon dioxide fixation is –

- A. 2:1
- B. 2:3
- C. 1:2
- D. 3:2

Question Number : 39 Question Id : 70959712920 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

rRNA is the -

- A. regional RNA
- B. restriction RNA
- C. ribosomal RNA
- D. None of the options

Question Number : 40 Question Id : 70959712921 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. Meningitis is the inflammation of the

- A. Lungs
- B. Liver
- C. Heart
- D. Brain

Question Number : 41 Question Id : 70959712922 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. The process of transformation was discovered by –

- A. Leeuwenhoek
- B. Fred Griffith
- C. Louis Pasteur
- D. John Tyndall

Question Number : 42 Question Id : 70959712923 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Streptococcus pneumoniae cells become competent during -

- A. Lag phase
- B. Exponential phase
- C. Stationary phase
- D. Decline phase

Question Number : 43 Question Id : 70959712924 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Restriction enzyme was discovered by –

- A. Fred Griffith
- B. Joshua Lederberg and Norton Zinder
- C. Hamilton Smith and Daniel Nathans
- D. None of the options

Question Number : 44 Question Id : 70959712925 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In which year was the first recombinant DNA molecule produce?

- A. 1970
- B. 1971
- C. 1972
- D. 1973

Question Number : 45 Question Id : 70959712926 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Antibiotic penicillin is produce by

- A. *Penicillium* sp.
- B. *Streptomyces* sp.
- C. *E.coli*
- D. None of the options

Question Number : 46 Question Id : 70959712927 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Somatropin is a

- A. Enzyme
- B. Carbohydrate
- C. Fatty acid
- D. Hormone

Question Number : 47 Question Id : 70959712928 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The type of immunity that the new-borns received from the mother's milk is the –

- A. Naturally acquired passive immunity
- B. Artificially acquired passive immunity
- C. Naturally acquired active immunity
- D. Artificially acquired active immunity

Question Number : 48 Question Id : 70959712929 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. Mast cells are –

- A. Antigen presenting cells
- B. Granulocytic cells
- C. Phagocytic cells
- D. None of the options

Question Number : 49 Question Id : 70959712930 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Primary lymphoid organs includes

- A. Lymph node
- B. Bone marrow
- C. Thymus
- D. Both B and C

Question Number : 50 Question Id : 70959712931 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

.....mainly populated the Periarteriolar lymphoid sheath

- A. B- cells
- B. T- cells
- C. NK cells
- D. None of the options

Question Number : 51 Question Id : 70959712932 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Basophils have a

- A. Lobed nucleus
- B. Bilobed nucleus
- C. Multilobed nucleus
- D. None of the options

Question Number : 52 Question Id : 70959712933 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Mast cells are formed in the.....

- A. Thymus
- B. Bone marrow
- C. Spleen
- D. Lymph node

Question Number : 53 Question Id : 70959712934 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Antigen presenting cells includes

- A. B lymphocytes
- B. Dendritic cells
- C. T lymphocytes
- D. Both A and B

Question Number : 54 Question Id : 70959712935 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Class I MHC molecule displayantigens

- A. Endogenous antigens
- B. Exogenous antigens
- C. Both A and B
- D. None of the options

Question Number : 55 Question Id : 70959712936 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Any molecule that elicit an immune response are called

- A. Antigens
- B. Immunogens
- C. Antibodies
- D. Both A and B

Question Number : 56 Question Id : 70959712937 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Haptens are.....

- A. Immunogenic
- B. Antigenic
- C. Both A and B
- D. None of the options

Question Number : 57 Question Id : 70959712938 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

.....elucidated the basic structure of immunoglobulin molecule

- A. Porter and Edelman
- B. Fred Griffith
- C. Joshua Lederberg and Norton Zinder
- D. Hamilton Smith and Daniel Nathans

Question Number : 58 Question Id : 70959712939 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Antibodies are.....

- A. Proteins
- B. Lipids
- C. Carbohydrates
- D. Fats

Question Number : 59 Question Id : 70959712940 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A quantitative procedure that use radioactive labelled antigen or antibody

- A. Western blot
- B. ELISA
- C. Radioimmunoassay
- D. None of the options

Question Number : 60 Question Id : 70959712941 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

..... is an autoimmune disease

- A. AIDS
- B. Jaundice
- C. Pneumonia
- D. Type 1 diabetes

Question Number : 61 Question Id : 70959712942 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The self-antigen in Addison disease is

- A. Thyroid protein
- B. Adrenal cells
- C. Kidney
- D. Heart

Question Number : 62 Question Id : 70959712943 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

.....is the first recombinant antigen vaccine approved for human used

- A. Hepatitis B vaccine
- B. Hib vaccine
- C. Polio vaccine
- D. Var vaccine

Question Number : 63 Question Id : 70959712944 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. Mycobacterium tuberculosis causes.....

- A. Anthrax
- B. Cholera
- C. AIDS
- D. Tuberculosis

Question Number : 64 Question Id : 70959712945 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. Tetanus is caused by

- A. *Bacillus anthrax*
- B. *Vibrio cholerae*
- C. *Histoplasma capsulatum*
- D. *Clostridium tetani*

Question Number : 65 Question Id : 70959712946 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. Insomnia is.....

- A. Sensation of vomiting
- B. Difficulty in sleeping
- C. Feeling of tiredness
- D. None of the options

Question Number : 66 Question Id : 70959712947 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Rancidity in foods is due to the degradation of

- A. Protein foods
- B. Carbohydrate foods
- C. Fatty foods
- D. None

Question Number : 67 Question Id : 70959712948 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Lyophilisation is a.....method of food preservation.

- A. Chemical
- B. Irradiation
- C. Physical
- D. None

Question Number : 68 Question Id : 70959712949 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Giardia lamblia is a

- A. Non flagellated protozoan
- B. flagellated protozoan
- C. bacteria
- D. None of the options

Question Number : 69 Question Id : 70959712950 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Hemolytic uremic syndrome is a complication produce by -

- A. *Salmonella typhi*
- B. *Bacillus cereus*
- C. *E.coli*
- D. none

Question Number : 70 Question Id : 70959712951 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The percentage of plasma in our total blood volume is.....

- A. 55%
- B. 65%
- C. 75%
- D. 85%

Question Number : 71 Question Id : 70959712952 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Peptone is an enzymatic digest of –

- A. animal protein
- B. plant protein
- C. microbial protein
- D. none

Question Number : 72 Question Id : 70959712953 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Gram staining was developed in the year -----

- A. 1881
- B. 1882
- C. 1883
- D. 1884

Question Number : 73 Question Id : 70959712954 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

During exponential phase microbes

- A. divides at maximum rate
- B. divides at minimum rate
- C. growth ceases
- D. none

Question Number : 74 Question Id : 70959712955 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Scanning electron microscopes are used mostly to observe

- A. Internal structures
- B. Surface structures
- C. Both a and b
- D. None of the options

Question Number : 75 Question Id : 70959712956 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Urethritis is the inflammation of.....

- A. Middle ear
- B. Urethra
- C. Liver
- D. Lungs

Question Number : 76 Question Id : 70959712957 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In light microscope the function of a condenser is to

- A. To diffuse the light source
- B. To provide the light source
- C. To control the light source
- D. To focus the light source

Question Number : 77 Question Id : 70959712958 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

..... lack a membrane bound nucleus in their cells.

- A. Eukaryotes
- B. Prokaryotes
- C. Both A and B
- D. None of the options

Question Number : 78 Question Id : 70959712959 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Motile microorganisms are usually observed by using.....microscope

- A. Bright field
- B. Dark field
- C. TEM
- D. Fluorescence

Question Number : 79 Question Id : 70959712960 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The process of formation of DNA from mRNA is called

- A. Reverse transcription
- B. Transcription
- C. Reverse replication
- D. None of the options

Question Number : 80 Question Id : 70959712961 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Giardia lamblia comes under the phylum.....

- A. Apicomplexa
- B. Labrinthomorpha
- C. Sarcomastigophora
- D. Ciliophora

Question Number : 81 Question Id : 70959712962 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Arrangement of organism into groups or taxa is known as-

- A. Identification
- B. Classification
- C. Nomenclature
- D. Phylogeny

Question Number : 82 Question Id : 70959712963 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Histoplasmosis is caused by member of-

- A. Zygomycetes
- B. Basidiomycetes
- C. Deuteromycetes
- D. Ascomycetes

Question Number : 83 Question Id : 70959712964 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

..... is the "transforming principle" of Griffith

- A. Proteins
- B. RNA
- C. DNA
- D. None of the options

Question Number : 84 Question Id : 70959712965 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Formation of cyst from vegetative cells is termed as

- A. Encystations
- B. Phagocytosis
- C. Excystation
- D. Pinocytosis

Question Number : 85 Question Id : 70959712966 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Yeast belongs to the kingdom

- A. Fungi
- B. Monera
- C. Plantae
- D. Animalia

Question Number : 86 Question Id : 70959712967 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The Gram staining technique was developed by-

- A. Joseph Lister
- B. Christian Gram
- C. Louis Pasteur
- D. Robert Koch

Question Number : 87 Question Id : 70959712968 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Bacteria are classified as Gram positive and Gram negative based on their –

- A. Cell wall properties
- B. Shape
- C. Metabolism
- D. Flagella orientation

Question Number : 88 Question Id : 70959712969 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Rickettsiae are –

- A. Saprophytes
- B. Facultative parasites
- C. Obligate parasites
- D. None of the options

Question Number : 89 Question Id : 70959712970 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In sexual reproduction of yeast cells –

- A. Antheridia and oogonia are present
- B. Antheridia and oogonia are absent
- C. Antheridia present but oogonia is absent
- D. Antheridia absent oogonia are present

Question Number : 90 Question Id : 70959712971 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The function of neuraminidase spikes on the virus envelop is –

- A. Penetration the mucous layer of the epithelium
- B. Cause haemagglutination
- C. Both
- D. None

Question Number : 91 Question Id : 70959712972 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Virions exist in –

- A. Intracellular phase
- B. Extracellular phase
- C. Both A and B
- D. None of the options

Question Number : 92 Question Id : 70959712973 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The protein coat that surrounds the viral nucleic acid is called –

- A. Capsid
- B. Chitin
- C. Carrier
- D. None

Question Number : 93 Question Id : 70959712974 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

.....are infected by Parvovirus

- A. Plants
- B. Vertebrates
- C. Prokaryotes
- D. None of the options

Question Number : 94 Question Id : 70959712975 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The first step in phage infection to the host cell is –

- A. Penetration
- B. Nucleic acid synthesis
- C. Release
- D. Adsorption

Question Number : 95 Question Id : 70959712976 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Engulfment of larger objects by cells is known as.....

- A. Phagocytosis
- B. Pinocytosis
- C. Receptor mediated endocytosis
- D. None of the options

Question Number : 96 Question Id : 70959712977 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The function of pilli in bacteria is.....

- A. Prevent from dessication
- B. Movement
- C. Conjugation
- D. None of the options

Question Number : 97 Question Id : 70959712978 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

.....can be found during eclipse period of virus multiplication

- A. Infectious phage
- B. No infectious phage
- C. Infectious phage inside the cell
- D. Both A and C

Question Number : 98 Question Id : 70959712979 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

. During integration of phage genome into host chromosome, the int gene promoter is activated by-

- A. cI protein
- B. cII protein
- C. cro protein
- D. none

Question Number : 99 Question Id : 70959712980 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

..... first explained the process of lysogeny of bacteriophage

- A. Joseph Lister
- B. Louis Pasteur
- C. Robert Koch
- D. André Lwoff

Question Number : 100 Question Id : 70959712981 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is not a bacteriophage?

- A. T₂
- B. T₄
- C. HIV
- D. T₆