

A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A)

Jagannaickpur, Kakinada

(Re-Accredited by NAAC with B Grade)

Department of Microbiology




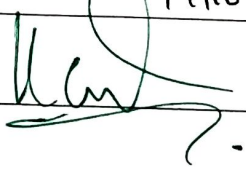
Quiz 2018-19

A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A)

Jagannaickpur, Kakinada

Department of Microbiology

Activity Register 2018-2019

Date	6-09-18
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.)	Department of Microbiology
Nature of Activity (Seminar/Workshop/Extn.Lecture etc.,)	Quiz I On Applied Microbiology
Title of the Activity	Quiz For III BSc CBMB
Name of the Department/Committee	Department of Microbiology
No. of students participated	14
Brief Report on the activity	A quiz was conducted among the I BSc Students in Microbiology Department. The Class was divided in to two groups. Total Questions:30 Group A:10 and Group B: 15 Quiz Master: 05 Winners are Group B
Name of the Lecturers whoPlanned & conducted theactivity	Dr. K. Aruna
Signature of the Dept. In- Charge/Convener of the Committee	 6/9/18
Signature of the Principal	
Remarks	

QUIZ - I

6-9-18

CLASS : II BSc (CBMS) SEM - I

Topic : Applied Microbiology.

Date : 6-9-18

TIME : 3:00 PM to 5:00 PM

1. The eukaryotic microorganism is
~~(a) Yeast~~ (c) cyanobacteria
(b) Halobacteria (d) Hydrilla
2. E. coli is a
(a) cocci ~~(c) Rod~~
(b) coco bacilli (d) spirillum
3. The cell wall of a bacteria is rigid due to
(a) peptide bond (c) Lipopolysaccharides.
~~(b) peptidoglycon~~ (d) lipids.
4. At what phase of growth curve the pathogenic bacteria shows chronic disease to a susceptible man
(a) Log phase (c) Decline phase
(b) stationary phase ~~(d) Before entering into stationary phase.~~
5. Who proposed that $(A+T=G+C)$ is equal
~~(a) Chargaff~~ (c) crick
(b) Watson (d) Erdymayer.

6. 70S type ribosomes are present
(a) Mesosomes
(b) plastids
(c) chromatophore
(d) flagella
7. Germ theory of disease was given by
(a) Louis Pasteur
(b) Robert Koch
(c) Burnet
(d) Bruce
8. The cell wall of gram negative organism contains
(a) Lipopolysaccharides
(b) Muramic acid
(c) Teichoic acid
(d) carbohydrates
9. Bacteria are
(a) Lower protists
(b) Eubacteria
(c) ~~prokaryotes~~
(d) All the above
10. The normal pH of blood
(a) 7.15 - 7.25
(b) ~~7.35 - 7.45~~
(c) 7.25 - 7.35
(d) 7.45 - 7.55
11. The nucleus was first identified by
(a) Singer
(b) Robert Brown
(c) Altman
(d) Singleton

12. Which base in place of thymine is present in RNA

(a) Adenine

~~(b) uracil~~

(c) cytosine

(d) Guanine

13. peptide bonds are present between

~~(a) Amino acids~~

(b) Nucleic acids

(c) organic acids

(d) Urea.

14. The approximate life span of m-RNA is

~~(a) 2 hours~~

(b) 2 minutes

(c) 2 seconds

(d) None of the above

15. How many different types of t-RNA are present in the cell

(a) 1

(b) 3

(c) 10

~~(d) 20~~

16. Ligase enzyme is used for

~~(a) Joining bits of DNA~~

(b) splitting DNA thread into small bits.

(c) Denaturation

(d) None of the above.

17. Bacterial chromosome contains

~~(a) DNA, RNA~~

(b) RNA, mDNA

(c) DNA only

(d) RNA only.

18. Ribosomal RNA (γ -RNA) is synthesized in
~~(a) Mitochondria~~
~~(b) plasma membrane~~
~~(c) Nucleolus~~
(d) all.
19. Ribosomes are composed of
(a) only RNA
~~(b) RNA and proteins~~
(c) only DNA
(d) DNA and proteins.
20. Initiation codon is
(a) AGU
(b) GAU
(c) AUG
(d) UAG
21. The purines of DNA are represented by
(a) Uracil and Guanine
(b) Guanine and Adenine
(c) Adenine and cytosine
(d) None of the above.
22. Who discovered gram-staining method.
(a) Robert Hook
(b) Christian Gram
(c) Hooker
(d) None
23. Autoclaving is usually done at
(a) 100°C 15 lbs 15 min
(b) 115°C 15 lbs 15 min
(c) 160°C 15 lbs 15 min
~~(d) 121°C 15 lbs 15 min.~~

4. Histones are absent in

(a) Xanthomonas

(c) Spirogyra

(b) Aspergillus

(d) Yeast

25. Which of the following material was used to prepare small pox-vaccine by Edward Jenner

(a) Cow pox material

(c) Small-pox material

(b) Blood from small pox patient.

(d) chicken pox material

26. Who introduced antiseptic surgery.

(a) Pasteur

~~(e)~~ Lister

(b) Edward Jenner

(d) None

27. Aerobic and anaerobic microbes were first observed by.

~~(a)~~ Pasteur

(c) Theodore Schwann

(b) Beijerinck

(d) None

28. Which organisms were first shown to be pathogenic

(a) Algae

~~(b)~~ Fungi

(b) Bacteria

(d) Yeast.

29. The causative agent of tuberculosis was first

discovered by

(c) Paul Ehrlich

~~(a)~~ Robert Koch

(d) Metchnikoff

(b) Louis Pasteur

30. Who first discovered the viruses

(a) Chamberland

(b) Mayer

~~(c) Iwanowski~~

(d) None



Quiz I for III BSc on Applied Microbiology



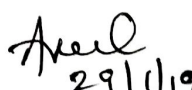
Quiz II for I BSc on General Microbiology

A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A)

Jagannaickpur, Kakinada

Department of Microbiology

Activity Register 2018-2019

Date	29-01-19
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.)	Department of Microbiology
Nature of Activity (Seminar/Workshop/Extn.Lecture etc.,)	Quiz II On General Microbiology
Title of the Activity	Quiz For I BSc CBMB
Name of the Department/Committee	Department of Microbiology
No. of students participated	15
Brief Report on the activity	A quiz was conducted among the I BSc Students in Microbiology Department. The Class was divided in to two groups. Total Questions:22 Group A:10 and Group B: 06 Quiz Master: 06 Winners are Group A
Name of the Lecturers whoPlanned & conducted theactivity	Dr. K. Aruna
Signature of the Dept. In- Charge/Convener of the Committee	 29/1/19
Signature of the Principal	
Remarks	

Quiz - II

I BSc (CBIMB) 2018-19

TOPIC : General Microbiology .

Date : 29-1-19

TIME : 3:00 pm to 4:00 pm

The original penicillin observed by Flemming was :

- (1) penicillin-F (2) penicillin-X (3) penicillin-G (4) penicillin-V

Which of the following scientists developed modern concept of chemotherapy and chemotherapeutic agents?

- (1) Robert Koch (2) Paul Ehrlich (3) Joseph Lister (4) Louis Pasteur

Temperature at which milk is pasteurized :

- (1) 80°C (2) 70°C (3) 62°C (4) 55°C

The father of soil microbiology is :

- (1) Martinus Beijerinck (2) Sergei Winogradsky (3) Robert Koch (4) Selman Waksman

Mycobacterium leprae was first observed microscopically by :

- (1) Hansen (2) Robert Koch (3) Edward Jenner (4) Anton von Leeuwenhoek

6. In hot-air oven, the following temperature is maintained usually for sterilization:

(1) 100°C

~~(3) 160°C~~

(2) 121°C

(4) 260°C

7. Which of the following is an acid-fast bacterium

(1) Salmonella

~~(3) Methanococcus~~

(2) Staphylococcus

~~(4) Mycobacterium~~

8. The number of decarboxylation steps that occur during Tricarboxylic acid cycle are:

(1) 6

~~(3) 4~~

(2) 5

~~(4) 2~~

9. The number of ATP produced from complete oxidation of glucose are:

(1) 32

~~(3) 38~~

(2) 36

(4) 34

10. Ziehl-Nielson staining was discovered by:

(1) Ziehl

(2) Louis Pasteur

(2) Nielson

~~(3) Paul Ehrlich~~

Who coined the term Vaccine?

- (1) Louis Pasteur
- (2) Paul Ehrlich
- (3) Edward Jenner
- (4) Robert Koch

At which site the $FADH_2$ formed during the TCA cycle enters the electron transport system?

- (1) co-enzyme Q
- (2) Cytochrome
- (3) NADH dehydrogenase
- (4) ATP synthase.

The general formula for polysaccharides

- (1) $(C_6H_{12}O_6)_n$
- (2) $(C_6H_{10}O_5)_n$
- (3) $(C_6H_{12}O_5)_n$
- (4) $(C_6H_{10}O_6)_n$

Cellulose is made up of the molecules of

- (1) β -glucose
- (2) α -glucose
- (3) Both of the above
- (4) None of the above

Two important by products of HMP shunt are

- (1) NADH and pentose sugars
- (2) NADPH and pentose sugars
- (3) pentose sugars and 4 membered sugars
- (4) pentose sugars and sedoheptulose