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SESSION-2021-2022

SUBJECT- MICROBIOLOGY

CLASS-B.Sc 1<sup>st</sup> Year

SEM- 1<sup>st</sup>

Date-

Marks-30

- 1 HEPA filter are widely used in  
A)autoclave                      B)laminar air flow    C)face mask                      D)oxygen masks
- 2 The degree of hotness and coldness of air is called...  
A)atmosphere                      B)Moisture                      C)temperature                      D)thermosphere
- 3 Air pressure is defined as...  
A)the pressure exerted by the weight of air on the earth's surface                      B)the amount of insolation decreases from the equator towards the pole.                      C)the movement of air from high pressure areas to low pressure areas                      D)Insolation is the incoming solar energy intercepted by earth
- 4 \_\_\_ in the air at any time is known as humidity.  
A)Moisture                      B) heat                      C) air                      D) particles
- 5 The gaseous mantle consisting of various gases around the earth surface is called\_\_\_.  
A) Lithosphere                      B) Atmosphere or Air                      C) Rhizosphere                      D) Hydrosphere
- 6 The lowest part of the atmosphere is known as \_\_\_.  
A) Thermosphere                      B) Ionosphere                      C) Troposphere                      D)Exosphere
- 7 Which of the following article can be sterilized in an autoclave  
A) gloves                      B) dressing material                      C) culture media                      D) all of the above
- 8 4) The organisms found in air are called \_\_\_\_\_.  
A)Aeronula                      B) Droplets                      C) Actinomycetes                      D)Airborne organisms
- 9 The troposphere, stratosphere and mesosphere are collectively known as \_\_\_\_\_.  
A) Homosphere                      B) Ionosphere                      C) Exosphere                      D) mesopause
- 10 Temperature is measured by \_  
A) Celsius                      B) Fahrenheit                      C) Kelvin                      D)all of the above

- 11 Determination of types and numbers of microorganisms in a particular air is called \_\_\_\_.
- A) Microbial analytics      B) Qualitative analytics      C) Droplet analytics      D) Quantitative analytics
- 12 Diarrhoea is not caused by
- A) *Shigella dysenteriae*      B) *Streptococcus pyogenes*      C) *Clostridium difficile*      D) *Salmonella enteritidis*
- 13 B cells are activated by.....
- A) complement      B) antigen      C) antibody      D) interferon
- 14 The genetic material in HIV is
- A) dsDNA      B) ss DNA      C) s RNA      D) none of these
- 15 Which of the following is/ are air borne disease
- A) Diphtheria      B) Tuberculosis      C) AIDS      D) A&B
- 16 The boundary between troposphere and stratosphere is known as .....
- A) mesopause      B) stratopause      C) ionopause      D) tropopause
- 17 The term biosphere refers to
- A) rocks and minerals      B) plants and animals      C) water sources      D) atmosphere and lithosphere
- 18 Secondary sewage treatment is mainly a \_\_\_\_ .
- A) physical process      B) Mechanical process      C) Chemical process      D) Biological process
- 19 The equipment to measure atmospheric humidity is
- A) anemometer      B) Hygrometer      C) psychrometer      D) lysimeter
- 20 The gap between cell wall and cell membrane is called...?
- A) periplasmic space      B) intercellular space      C) cristae      D) matrix
- 21 The micro-organisms Grow at high salinity are -
- A) Oenophiles      B) Halophiles      C) autotrophs      D) none of these
- 22 viruses can be Cultivated in-
- A) Lab media      B) Living cell      C) both a and b      D) none of these.
- 23 Many ribosomes combine together to form a chain known as..?

- 24 A) multiribosome B) periplasm C) nucleoid D) polyribosome  
What is the full form of BOD ?
- 25 A) Biochemical oxygen demand B) Bionated oxygen demand C) Biological oxygen disease D) Biological oxygen deficiency  
Secondary sewage treatment is mainly a \_\_\_\_ .
- 26 A) physical process B) Mechanical process C) Biological process D) Chemical process  
Chlorination of water is done for the removal of \_\_\_\_ .
- 27 A) Suspended solids B) Sediments C) Hardness D) Bacteria  
Sterilization is \_\_\_\_
- 28 A) Process for preparation of antibiotics B) killing or removing of all the microorganisms from an article C) process of growing microbes in laboratory D) fragmentation of big particles into smaller one for the preparation of tablets  
HEPA filter is \_\_\_\_\_
- 29 A) Hot efficiency particulate air B) High efficiency particulate air C) Hold efficiency particulate air D) Heavy efficiency particulate air  
Enzymes are chemically
- 30 A) lipid B) proteins C) carbohydrates D) none of these  
Select water borne disease out of the following.
- A) Malaria B) Dengue C) Tuberculosis D) Cholera