



ESTD : 2005

AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by A.I.C.T.E. P.C.I, New Delhi, Recognized by the Govt. of A.P. & Affiliated to JNTU-GV, Vizianagaram)
Cherukupally (Village), Chittivalasa (SO), Bhogapuram (Mandal), Vizianagaram (Dist) -531162.

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5.1.1: Number of students benefitted by scholarships and Freeships provided by the institution, Government and Non-Government bodies, industries, individuals, philanthropists during the Academic year 2022-2023

S. No	Name of the Scheme	No of Benefitted Students	Amount (Rs)	Page No
1	AIET free ship Policy	All free ships and Merit scholarship students	----	2-3
2	Model free ship Question Paper	----	----	4-14
3	Model free ship student Papers	----	----	15- 58
4	Qualified free ship Merit list	121	----	59-62
5	Free ship Students with sanctioned amount	121	2630800	63- 67
6	Merit scholarship students list with amount	60	238000	68- 71
Total			2868800	----



Principal
PRINCIPAL
Avanathi Institute of Pharmaceutical Sciences
Cherukupally (V), Bhogapuram Mandal
Vizianagaram Dt., - 531162



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DATE: 09-03-2018

AVANTHI FREESHIP & MERIT SCHOLARSHIP POLICY

Objective

The objective of the scheme is to provide financial assistance to the Scheduled students studying at Avanti Institute of Pharmaceutical Sciences to enable them to complete their education.

Scope

These free ships are available for the students and are awarded based on evaluation of test result which is organized by Avanthi educational society. This is applicable to all the students who are currently beneficiaries of the scheme as well as fresh admissions. Merit scholarship scheme is to help meritorious students to complete their B. Pharm without financial burden.

Student Free ships Framework

At Avanthi Institute of Pharmaceutical Sciences, we follow a Unified Student Freeship Framework to ensure that the deserving candidates get the required financial assistance. The framework is approved under the following conditions:

1. Admissions through freeship will be offered on a first-come, first-served basis
2. Admissions through freeships are limited up to 30% of the approved programme intake.
3. Once the 25% of seats are filled in a programme through freeships, despite qualifying for the freeship the student will not be entitled to the freeships.
4. For the freeships offered through various National and State Entrance Tests, the students are required to apply for AVANTHI FREESHIP AND MERIT SCHOLARSHIP INTERNAL POLICY and must attend the counseling for admission as per the schedule.
5. If a student is eligible for a freeship under more than one category through AVANTHI FREESHIP AND MERIT SCHOLARSHIP INTERNAL POLICY, National, and State Entrance Tests, then he/she will be awarded the highest percent of the freeships.
6. The freeships offered through AFT, National and State Exams is applicable for the First Year only. The same scholarship will be continued in the subsequent years of study based on the student performance




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7. After first year, and for the consequent years, the student must attain the attendance percentage 75 in previous academic year and maximum of 3 backlogs only considered to avail free ships further, and they must clear all subjects and should not have more than two backlogs in the previous academic year.

Scholarship eligibility calculator:

Scholarship percentage	AFT rank	AP EAPCET RANK
>75%	1-100	100-250
60% - 75%	101-250	251-1000
40%-60%	251-500	1001-5000
Upto 40%	500-1000	5001-20000

Student Merit Scholarship Frame Work

The merit scholar ship will be provided for all First and Second TOPPERS of the student's year wise and branch wise.

1. For 1st TOPPER awarded -----5000/- Rs
2. For 2nd TOPPER awarded----- 3000/- Rs

The Avanathi Freeships and Merit Scholarships Policy is adapted on this day, the 9th of March 2018 at Avanathi Institute of Pharmaceutical Sciences, Cherukupally village Bhogapuram Mandal, Vizianagaram, Andhra Pradesh, 531162. According to the Merit Scholarship policy those who are academic year wise toppers the Avanathi educational society give Merit Scholarship awards to academic toppers on Anniversary Day.



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AVANTHI FREESHIPS QUALIFYING TEST

Department Name: Pharmacy

Duration:180 min

Date:23-11-2022

Name of the Student: _____

Avanathi Freeship No.: _____

Tick the correct option for the following Multiple-Choice Questions

1. What subatomic particle is responsible for the chemical properties of an element?
 - a) Proton
 - b) Electron
 - c) Neutron
 - d) Positron
2. Which type of bond is formed by the sharing of electrons between two nonmetals?
 - a) Ionic
 - b) Covalent
 - c) Metallic
 - d) Polar
3. In which group of the periodic table would you find the alkali metals?
 - a) Group 1
 - b) Group 2
 - c) Group 17
 - d) Group 18
4. At what temperature does water boil at standard atmospheric pressure?
 - a) 0°C
 - b) 100°C
 - c) -273°C
 - d) 373 K
5. What is the balanced chemical equation for the reaction between hydrogen and oxygen to form water?
 - a) $H_2 + O_2 \rightarrow H_2O$
 - b) $2H_2 + O_2 \rightarrow 2H_2O$
 - c) $H_2O \rightarrow H_2 + O_2$
 - d) $2H_2O \rightarrow 2H_2 + O_2$
6. Which of the following is a strong acid?
 - a) Acetic acid (CH_3COOH)
 - b) Hydrochloric acid (HCl)
 - c) Citric acid ($C_6H_8O_7$)
 - d) Carbonic acid (H_2CO_3)
7. What does the rate of a chemical reaction depend on?
 - a) Temperature only
 - b) Concentration of reactants only
 - c) Both temperature and concentration of reactants
 - d) Pressure only
8. Which functional group is present in aldehydes but not in ketones?
 - a) Carbonyl
 - b) Hydroxyl
 - c) Carboxyl




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- d) Amine
9. Enthalpy is a measure of a system's:
- Heat content
 - Volume
 - Pressure
 - Entropy
10. What particle is emitted during beta decay?
- Electron
 - Proton
 - Neutron
 - Positron
11. What is the SI unit of force?
- Joule
 - Newton
 - Watt
 - Pascal
12. In which medium do sound waves travel the fastest?
- Air
 - Water
 - Steel
 - Vacuum
13. What type of lens converges light rays to a single point?
- Concave
 - Convex
 - Diverging
 - Plano-concave
14. Which material is a good conductor of electricity?
- Rubber
 - Glass
 - Copper
 - Wood
15. What happens to the magnetic field when you break a bar magnet in half?
- Both pieces become new magnets
 - One piece becomes a magnet, the other loses magnetism
 - Both pieces lose magnetism
 - The magnetic field remains the same
16. What is the first law of thermodynamics also known as?
- Law of Conservation of Energy
 - Boyle's Law
 - Charles's Law
 - Avogadro's Law
17. Which particle has a positive charge?
- Proton
 - Neutron
 - Electron
 - Photon
18. What phenomenon is explained by Einstein's theory of relativity?
- Photoelectric effect
 - Doppler effect
 - Newton's laws of motion



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- d) Archimedes' principle
19. What is the principle behind a hydraulic lift?
- Pascal's principle
 - Bernoulli's principle
 - Archimedes' principle
 - Boyle's law
20. What is the force that tends to pull all objects with mass toward one another?
- Electromagnetic force
 - Gravitational force
 - Strong nuclear force
 - Weak nuclear force
21. What is the unit of measurement for electrical potential difference?
- Volts
 - Newtons
 - Joules
 - Amperes
22. In medical imaging, which type of radiation is commonly used for X-rays?
- Alpha radiation
 - Beta radiation
 - Gamma radiation
 - Neutron radiation
23. Which of the following is an example of a hinge joint in the human body?
- Shoulder joint
 - Hip joint
 - Knee joint
 - Elbow joint
24. What is the main function of DNA in living organisms?
- Energy storage
 - Enzyme production
 - Genetic information storage
 - Protein synthesis
25. What is the basic unit of the nervous system responsible for transmitting signals?
- Neuron
 - Nephron
 - Neutrino
 - Nucleon
26. Which of the following is a measure of the opposition to the flow of electric current in a biological system?
- Voltage
 - Resistance
 - Conductance
 - Capacitance
27. What is the primary effect of ionizing radiation on living cells?
- Cell division
 - Cell mutation
 - Cell dehydration
 - Cell enlargement
28. What is the principle behind gel electrophoresis, a technique used in genetic research?
- Magnetic force
 - Centrifugal force



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- c) Electric field
d) Gravitational force
29. Which of the following organs is primarily responsible for regulating blood pressure?
a) Liver
b) Kidneys
c) Heart
d) Lungs
30. What imaging technique uses magnetic fields and radio waves to generate detailed images of the internal structures of the body?
a) X-ray
b) Ultrasound
c) MRI (Magnetic Resonance Imaging)
d) PET scan (Positron Emission Tomography)
31. Which of the following is a characteristic of arachnids?
a) Three pairs of legs
b) Antennae
c) Four pairs of legs
d) Soft body
32. In vertebrates, what structure is responsible for oxygen exchange in the lungs?
a) Bronchi
b) Alveoli
c) Trachea
d) Diaphragm
33. Which phylum includes animals with radial symmetry and stinging cells?
a) Mollusca
b) Porifera
c) Cnidaria
d) Annelida
34. What is the scientific term for an instinctive, stereotypical behavior pattern displayed by animals in response to specific stimuli?
a) Habituation
b) Conditioning
c) Reflex
d) Fixed action pattern
35. In Mendelian genetics, which of the following is a homozygous genotype?
a) Aa
b) Bb
c) AA
d) AB
36. Which gland is often referred to as the "master gland" because it regulates other endocrine glands?
a) Thyroid gland
b) Adrenal gland
c) Pancreas
d) Pituitary gland
37. What is the primary function of the antennae in insects?
a) Locomotion
b) Sensory perception
c) Reproduction




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- d) Defense
38. Which level of ecological organization includes all living organisms in a particular area along with their physical environment?
- Population
 - Community
 - Ecosystem
 - Biosphere
39. In mammals, what is the name of the fertilized egg before it implants into the uterine wall?
- Blastula
 - Morula
 - Zygote
 - Blastocyst
40. Which neurotransmitter is commonly associated with mood regulation and is often targeted by antidepressant medications?
- Serotonin
 - Dopamine
 - Acetylcholine
 - GABA (Gamma-aminobutyric acid)
41. Which organelle is responsible for energy production in a eukaryotic cell?
- Golgi apparatus
 - Endoplasmic reticulum
 - Mitochondrion
 - Nucleus
42. What is the term for alternative forms of a gene at a specific locus?
- Allele
 - Chromatid
 - Homolog
 - Zygote
43. What type of microorganism is responsible for fermentation in the production of bread and beer?
- Bacteria
 - Fungi
 - Virus
 - Algae
44. The axial skeleton includes which of the following?
- Arms and legs
 - Skull and vertebral column
 - Pelvis and ribs
 - Hands and feet
45. What is the primary function of the stomata in plant leaves?
- Photosynthesis
 - Transpiration
 - Respiration
 - Absorption
46. Which cells are responsible for the specific immune response and the production of antibodies?
- T cells
 - B cells




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- c) Natural killer cells
d) Macrophages
47. What is the function of hemoglobin in red blood cells?
a) Oxygen transport
b) Nutrient absorption
c) Waste elimination
d) Enzyme production
48. Which level of ecological organization involves the interactions between different species in a specific area?
a) Population
b) Community
c) Ecosystem
d) Biosphere
49. What is the purpose of polymerase chain reaction (PCR) in molecular biology?
a) DNA sequencing
b) DNA replication
c) Gene cloning
d) Protein synthesis
50. Which part of the brain is responsible for coordinating voluntary muscle movements and maintaining balance?
a) Cerebrum
b) Cerebellum
c) Medulla oblongata
d) Thalamus
51. In which plant tissue does photosynthesis primarily occur?
a) Epidermis
b) Xylem
c) Phloem
d) Mesophyll
52. What is the primary function of the stomata in plant leaves?
a) Photosynthesis
b) Transpiration
c) Respiration
d) Absorption
53. Which of the following is a non-vascular plant?
a) Fern
b) Moss
c) Pine
d) Orchid
54. Which term refers to plants that complete their life cycle in a single growing season?
a) Annuals
b) Perennials
c) Biennials
d) Shrubs
55. In plant breeding, what is hybrid vigor or heterosis?
a) Weakness in hybrid plants
b) Superior qualities in hybrid plants
c) Hybrid sterility
d) Genetic mutations in hybrids




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56. Which plant hormone is responsible for promoting cell elongation and influencing phototropism?
 - a) Gibberellins
 - b) Auxins
 - c) Cytokinins
 - d) Abscisic acid
57. What type of organism causes Dutch Elm Disease, a common plant disease affecting elm trees?
 - a) Bacteria
 - b) Fungi
 - c) Virus
 - d) Nematodes
58. What is the main function of mycorrhizae in plant roots?
 - a) Photosynthesis
 - b) Nutrient absorption
 - c) Water storage
 - d) Reproduction
59. What is the outermost layer of cells in a young plant root responsible for absorbing water and nutrients?
 - a) Cortex
 - b) Endodermis
 - c) Epidermis
 - d) Pericycle
60. Which plant is the source of the drug aspirin?
 - a) Willow
 - b) Eucalyptus
 - c) Poppy
 - d) Digitalis
61. In which organ of the digestive system are nutrients primarily absorbed into the bloodstream?
 - a) Stomach
 - b) Small intestine
 - c) Large intestine
 - d) Liver
62. What is the term for the innate behavior exhibited by animals in response to environmental cues?
 - a) Instinct
 - b) Learning
 - c) Conditioning
 - d) Habituation
63. Which class do humans belong to in the classification of vertebrates?
 - a) Amphibia
 - b) Mammalia
 - c) Aves
 - d) Reptilia
64. What is the primary characteristic of arthropods?
 - a) Soft bodies
 - b) Radial symmetry
 - c) Jointed appendages
 - d) Internal skeletons




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65. In vertebrates, which chamber of the heart pumps oxygenated blood to the rest of the body?
- Left atrium
 - Left ventricle
 - Right atrium
 - Right ventricle
66. Which scientist is known for his studies on animal behavior, particularly imprinting in birds?
- Jane Goodall
 - Konrad Lorenz
 - Nikolaas Tinbergen
 - Dian Fossey
67. In a dihybrid cross, how many different combinations of alleles can be produced in the offspring?
- 2
 - 4
 - 8
 - 16
68. Which of the following insects undergoes complete metamorphosis?
- Ant
 - Grasshopper
 - Butterfly
 - Beetle
69. In mammals, what is the term for the early developmental stage of an embryo when it is a hollow ball of cells?
- Morula
 - Blastocyst
 - Blastula
 - Zygote
70. Which part of the brain is responsible for coordinating motor movements and balance?
- Cerebrum
 - Cerebellum
 - Medulla oblongata
 - Thalamus
71. What is the primary function of the mitochondria in a cell?
- Photosynthesis
 - Cellular respiration
 - DNA replication
 - Protein synthesis
72. Which organelle is responsible for detoxifying harmful substances in the liver cells?
- Golgi apparatus
 - Endoplasmic reticulum
 - Lysosome
 - Peroxisome
73. The process by which green plants convert light energy into chemical energy is called:
- Glycolysis
 - Osmosis
 - Photosynthesis
 - Fermentation
74. Which of the following is a biotic factor in an ecosystem?
- Temperature




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- b) Water availability
c) Plants
d) Soil composition
75. In human anatomy, the ulna is a bone located in which part of the body?
a) Leg
b) Arm
c) Skull
d) Spine
76. The SI unit of electric current is:
a) Volt
b) Ampere
c) Ohm
d) Watt
77. What is the law of conservation of energy?
a) Energy cannot be created or destroyed, only transformed
b) Energy always flows from hot to cold objects
c) The total energy of a system increases with time
d) Energy is directly proportional to mass
78. Which of the following is a vector quantity?
a) Speed
b) Distance
c) Acceleration
d) Mass
79. According to Newton's third law of motion, for every action, there is an equal and opposite:
a) Force
b) Reaction
c) Acceleration
d) Momentum
80. What is the SI unit of force?
a) Newton
b) Joule
c) Watt
d) Pascal
81. Which element is essential for all organic compounds?
a) Hydrogen
b) Carbon
c) Oxygen
d) Nitrogen
82. What is the chemical symbol for gold?
a) Au
b) Ag
c) Fe
d) Hg
83. What is the pH range for acidic solutions?
a) 0-3
b) 4-7
c) 8-14
d) 7-10
84. Which gas is responsible for the greenhouse effect on Earth?
a) Oxygen




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- b) Nitrogen
c) Carbon dioxide
d) Methane
85. What is the process of conversion of a liquid into vapor at its boiling point?
a) Condensation
b) Evaporation
c) Sublimation
d) Solidification
86. Which organ is responsible for filtering and removing waste products from the blood?
a) Liver
b) Kidney
c) Heart
d) Lungs
87. The respiratory system is responsible for the exchange of gases. Which gas is primarily taken in during inhalation?
a) Carbon dioxide
b) Nitrogen
c) Oxygen
d) Hydrogen
88. The human brain is divided into how many main parts?
a) Two
b) Three
c) Four
d) Five
89. What is the main function of the digestive system?
a) Pump blood
b) Break down and absorb nutrients
c) Filter waste from the blood
d) Exchange gases
90. Which hormone is responsible for regulating blood sugar levels in the body?
a) Insulin
b) Thyroxine
c) Estrogen
d) Testosterone
91. Which of the following is a primary function of leaves in plants?
a) Photosynthesis
b) Water absorption
c) Root anchorage
d) Reproduction
92. What is the process by which water is lost from the aerial parts of plants, especially through small pores in leaves?
a) Osmosis
b) Transpiration
c) Respiration
d) Absorption
93. Which plant hormone is responsible for promoting cell elongation and growth, especially in the stems?
a) Gibberellin
b) Auxin
c) Cytokinin



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- d) Abscisic acid
94. In plant reproduction, what is the male gamete called?
- Ovule
 - Pollen
 - Seed
 - Embryo
95. The outermost layer of a plant root that absorbs water and nutrients is called:
- Cortex
 - Epidermis
 - Xylem
 - Phloem
96. Which part of a flower develops into a fruit after fertilization?
- Stamen
 - Pistil
 - Petal
 - Sepal
97. What is the term for the opening and closing of stomata in plant leaves to regulate gas exchange?
- Photosynthesis
 - Transpiration
 - Phototropism
 - Guard cell movement
98. Which process involves the fusion of male and female gametes to form a zygote in plants?
- Germination
 - Fertilization
 - Pollination
 - Translocation
99. Which of the following is a function of the phloem in plants?
- Water transport
 - Nutrient storage
 - Food transport
 - Mechanical support
100. What is the specialized region of a stem where leaves are attached?
- Node
 - Internode
 - Axil
 - Apical meristem




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AVANTHI FREESHIPS QUALIFYING TEST

Department Name: Pharmacy

Date: 23-11-2022

Name of the Student: ENTURI NIHARIHA

Avanathi Freeship No.: 22AFTP35

73
—
100

Duration: 180 min

Total Marks: 100

Tick the correct option for the following Multiple-Choice Questions

1. What subatomic particle is responsible for the chemical properties of an element?
a) Proton
 b) Electron
c) Neutron
d) Positron
2. Which type of bond is formed by the sharing of electrons between two nonmetals?
a) Ionic
b) Covalent
c) Metallic
 d) Polar
3. In which group of the periodic table would you find the alkali metals?
 a) Group 1
b) Group 2
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4. At what temperature does water boil at standard atmospheric pressure?
a) 0°C
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5. What is the balanced chemical equation for the reaction between hydrogen and oxygen to form water?
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6. Which of the following is a strong acid?
a) Acetic acid (CH_3COOH)
b) Hydrochloric acid (HCl)
 c) Citric acid ($C_6H_8O_7$)
d) Carbonic acid (H_2CO_3)
7. What does the rate of a chemical reaction depend on?
a) Temperature only
b) Concentration of reactants only
 c) Both temperature and concentration of reactants
d) Pressure only



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8. Which functional group is present in aldehydes but not in ketones?
a) Carbonyl
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- c) Electron
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27. What is the primary effect of ionizing radiation on living cells?
a) Cell division
b) Cell mutation
c) Cell dehydration
d) Cell enlargement
28. What is the principle behind gel electrophoresis, a technique used in genetic research?
a) Magnetic force
b) Centrifugal force
c) Electric field
d) Gravitational force
29. Which of the following organs is primarily responsible for regulating blood pressure?
a) Liver
b) Kidneys
c) Heart
d) Lungs
30. What imaging technique uses magnetic fields and radio waves to generate detailed images of the internal structures of the body?
a) X-ray
b) Ultrasound
c) MRI (Magnetic Resonance Imaging)
d) PET scan (Positron Emission Tomography)
31. Which of the following is a characteristic of arachnids?
a) Three pairs of legs
b) Antennae
c) Four pairs of legs
d) Soft body
32. In vertebrates, what structure is responsible for oxygen exchange in the lungs?
a) Bronchi
b) Alveoli
c) Trachea
d) Diaphragm
33. Which phylum includes animals with radial symmetry and stinging cells?
a) Mollusca
b) Porifera
c) Cnidaria
d) Annelida
34. What is the scientific term for an instinctive, stereotypical behavior pattern displayed by animals in response to specific stimuli?
a) Habituation
b) Conditioning
c) Reflex
d) Fixed action pattern
35. In Mendelian genetics, which of the following is a homozygous genotype?
a) Aa
b) Bb
c) AA
d) AB



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36. Which gland is often referred to as the "master gland" because it regulates other endocrine glands?
- Thyroid gland
 - Adrenal gland
 - Pancreas
 - Pituitary gland
37. What is the primary function of the antennae in insects?
- Locomotion
 - Sensory perception
 - Reproduction
 - Defense
38. Which level of ecological organization includes all living organisms in a particular area along with their physical environment?
- Population
 - Community
 - Ecosystem
 - Biosphere
39. In mammals, what is the name of the fertilized egg before it implants into the uterine wall?
- Blastula
 - Morula
 - Zygote
 - Blastocyst
40. Which neurotransmitter is commonly associated with mood regulation and is often targeted by antidepressant medications?
- Serotonin
 - Dopamine
 - Acetylcholine
 - GABA (Gamma-aminobutyric acid)
41. Which organelle is responsible for energy production in a eukaryotic cell?
- Golgi apparatus
 - Endoplasmic reticulum
 - Mitochondrion
 - Nucleus
42. What is the term for alternative forms of a gene at a specific locus?
- Allele
 - Chromatid
 - Homolog
 - Zygote
43. What type of microorganism is responsible for fermentation in the production of bread and beer?
- Bacteria
 - Fungi
 - Virus
 - Algae
44. The axial skeleton includes which of the following?
- Arms and legs
 - Skull and vertebral column
 - Pelvis and ribs



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- d) Hands and feet
45. What is the primary function of the stomata in plant leaves?
- a) Photosynthesis
 - b) Transpiration
 - c) Respiration
 - d) Absorption
46. Which cells are responsible for the specific immune response and the production of antibodies?
- a) T cells
 - b) B cells
 - c) Natural killer cells
 - d) Macrophages
47. What is the function of hemoglobin in red blood cells?
- a) Oxygen transport
 - b) Nutrient absorption
 - c) Waste elimination
 - d) Enzyme production
48. Which level of ecological organization involves the interactions between different species in a specific area?
- a) Population
 - b) Community
 - c) Ecosystem
 - d) Biosphere
49. What is the purpose of polymerase chain reaction (PCR) in molecular biology?
- a) DNA sequencing
 - b) DNA replication
 - c) Gene cloning
 - d) Protein synthesis
50. Which part of the brain is responsible for coordinating voluntary muscle movements and maintaining balance?
- a) Cerebrum
 - b) Cerebellum
 - c) Medulla oblongata
 - d) Thalamus
51. In which plant tissue does photosynthesis primarily occur?
- a) Epidermis
 - b) Xylem
 - c) Phloem
 - d) Mesophyll
52. What is the primary function of the stomata in plant leaves?
- a) Photosynthesis
 - b) Transpiration
 - c) Respiration
 - d) Absorption
53. Which of the following is a non-vascular plant?
- a) Fern
 - b) Moss
 - c) Pine
 - d) Orchid




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54. Which term refers to plants that complete their life cycle in a single growing season?
- a) Annuals
 - b) Perennials
 - c) Biennials
 - d) Shrubs
55. In plant breeding, what is hybrid vigor or heterosis?
- a) Weakness in hybrid plants
 - b) Superior qualities in hybrid plants
 - c) Hybrid sterility
 - d) Genetic mutations in hybrids
56. Which plant hormone is responsible for promoting cell elongation and influencing phototropism?
- a) Gibberellins
 - b) Auxins
 - c) Cytokinins
 - d) Abscisic acid
57. What type of organism causes Dutch Elm Disease, a common plant disease affecting elm trees?
- a) Bacteria
 - b) Fungi
 - c) Virus
 - d) Nematodes
58. What is the main function of mycorrhizae in plant roots?
- a) Photosynthesis
 - b) Nutrient absorption
 - c) Water storage
 - d) Reproduction
59. What is the outermost layer of cells in a young plant root responsible for absorbing water and nutrients?
- a) Cortex
 - b) Endodermis
 - c) Epidermis
 - d) Pericycle
60. Which plant is the source of the drug aspirin?
- a) Willow
 - b) Eucalyptus
 - c) Poppy
 - d) Digitalis
61. In which organ of the digestive system are nutrients primarily absorbed into the bloodstream?
- a) Stomach
 - b) Small intestine
 - c) Large intestine
 - d) Liver
62. What is the term for the innate behavior exhibited by animals in response to environmental cues?
- a) Instinct
 - b) Learning
 - c) Conditioning
 - d) Habituation
63. Which class do humans belong to in the classification of vertebrates?
- a) Amphibia



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- b) Mammalia
c) Aves
d) Reptilia
64. What is the primary characteristic of arthropods?
a) Soft bodies
b) Radial symmetry
c) Jointed appendages
d) Internal skeletons
65. In vertebrates, which chamber of the heart pumps oxygenated blood to the rest of the body?
a) Left atrium
b) Left ventricle
c) Right atrium
d) Right ventricle
66. Which scientist is known for his studies on animal behavior, particularly imprinting in birds?
a) Jane Goodall
b) Konrad Lorenz
c) Nikolaas Tinbergen
d) Dian Fossey
67. In a dihybrid cross, how many different combinations of alleles can be produced in the offspring?
a) 2
b) 4
c) 8
d) 16
68. Which of the following insects undergoes complete metamorphosis?
a) Ant
b) Grasshopper
c) Butterfly
d) Beetle
69. In mammals, what is the term for the early developmental stage of an embryo when it is a hollow ball of cells?
a) Morula
b) Blastocyst
c) Blastula
d) Zygote
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b) Cerebellum
c) Medulla oblongata
d) Thalamus
71. What is the primary function of the mitochondria in a cell?
a) Photosynthesis
b) Cellular respiration
c) DNA replication
d) Protein synthesis
72. Which organelle is responsible for detoxifying harmful substances in the liver cells?
a) Golgi apparatus
b) Endoplasmic reticulum
c) Lysosome




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- d) Peroxisome
73. The process by which green plants convert light energy into chemical energy is called:
- Glycolysis
 - Osmosis
 - Photosynthesis
 - Fermentation
74. Which of the following is a biotic factor in an ecosystem?
- Temperature
 - Water availability
 - Plants
 - Soil composition
75. In human anatomy, the ulna is a bone located in which part of the body?
- Leg
 - Arm
 - Skull
 - Spine
76. The SI unit of electric current is:
- Volt
 - Ampere
 - Ohm
 - Watt
77. What is the law of conservation of energy?
- Energy cannot be created or destroyed, only transformed
 - Energy always flows from hot to cold objects
 - The total energy of a system increases with time
 - Energy is directly proportional to mass
78. Which of the following is a vector quantity?
- Speed
 - Distance
 - Acceleration
 - Mass
79. According to Newton's third law of motion, for every action, there is an equal and opposite:
- Force
 - Reaction
 - Acceleration
 - Momentum
80. What is the SI unit of force?
- Newton
 - Joule
 - Watt
 - Pascal
81. Which element is essential for all organic compounds?
- Hydrogen
 - Carbon
 - Oxygen
 - Nitrogen
82. What is the chemical symbol for gold?
- Au



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- b) Ag
c) Fe
d) Hg
83. What is the pH range for acidic solutions?
a) 0-3
b) 4-7
c) 8-14
d) 7-10
84. Which gas is responsible for the greenhouse effect on Earth?
a) Oxygen
b) Nitrogen
c) Carbon dioxide
d) Methane
85. What is the process of conversion of a liquid into vapor at its boiling point?
a) Condensation
b) Evaporation
c) Sublimation
d) Solidification
86. Which organ is responsible for filtering and removing waste products from the blood?
a) Liver
b) Kidney
c) Heart
d) Lungs
87. The respiratory system is responsible for the exchange of gases. Which gas is primarily taken in during inhalation?
a) Carbon dioxide
b) Nitrogen
c) Oxygen
d) Hydrogen
88. The human brain is divided into how many main parts?
a) Two
b) Three
c) Four
d) Five
89. What is the main function of the digestive system?
a) Pump blood
b) Break down and absorb nutrients
c) Filter waste from the blood
d) Exchange gases
90. Which hormone is responsible for regulating blood sugar levels in the body?
a) Insulin
b) Thyroxine
c) Estrogen
d) Testosterone
91. Which of the following is a primary function of leaves in plants?
a) Photosynthesis
b) Water absorption
c) Root anchorage



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- d) Reproduction
92. What is the process by which water is lost from the aerial parts of plants, especially through small pores in leaves?
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 - b) Transpiration
 - c) Respiration
 - d) Absorption
93. Which plant hormone is responsible for promoting cell elongation and growth, especially in the stems?
- a) Gibberellin
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94. In plant reproduction, what is the male gamete called?
- a) Ovule
 - b) Pollen
 - c) Seed
 - d) Embryo
95. The outermost layer of a plant root that absorbs water and nutrients is called:
- a) Cortex
 - b) Epidermis
 - c) Xylem
 - d) Phloem
96. Which part of a flower develops into a fruit after fertilization?
- a) Stamen
 - b) Pistil
 - c) Petal
 - d) Sepal
97. What is the term for the opening and closing of stomata in plant leaves to regulate gas exchange?
- a) Photosynthesis
 - b) Transpiration
 - c) Phototropism
 - d) Guard cell movement
98. Which process involves the fusion of male and female gametes to form a zygote in plants?
- a) Germination
 - b) Fertilization
 - c) Pollination
 - d) Translocation
99. Which of the following is a function of the phloem in plants?
- a) Water transport
 - b) Nutrient storage
 - c) Food transport
 - d) Mechanical support
100. What is the specialized region of a stem where leaves are attached?
- a) Node
 - b) Internode
 - c) Axil
 - d) Apical meristem



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AVANTHI FREESHIPS QUALIFYING TEST

Department Name: Pharmacy

Date: 23-11-2022

Name of the Student: K. Keerthi

Avanthi Freeship No.: 22AFTP15

Duration: 180 min

Total Marks: 100

77

100

Tick the correct option for the following Multiple-Choice Questions

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- c) Electron
d) Photon
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b) Enzyme production
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b) Nephron ✓
✓ c) Neutrino ✓
d) Nucleon
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49. What is the purpose of polymerase chain reaction (PCR) in molecular biology?
- a) DNA sequencing
 - b) DNA replication
 - c) Gene cloning
 - d) Protein synthesis
50. Which part of the brain is responsible for coordinating voluntary muscle movements and maintaining balance?
- a) Cerebrum
 - b) Cerebellum
 - c) Medulla oblongata
 - d) Thalamus
51. In which plant tissue does photosynthesis primarily occur?
- a) Epidermis
 - b) Xylem
 - c) Phloem
 - d) Mesophyll
52. What is the primary function of the stomata in plant leaves?
- a) Photosynthesis
 - b) Transpiration
 - c) Respiration
 - d) Absorption
53. Which of the following is a non-vascular plant?
- a) Fern
 - b) Moss
 - c) Pine
 - d) Orchid



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54. Which term refers to plants that complete their life cycle in a single growing season?
- a) Annuals
 - b) Perennials
 - c) Biennials
 - d) Shrubs
55. In plant breeding, what is hybrid vigor or heterosis?
- a) Weakness in hybrid plants
 - b) Superior qualities in hybrid plants
 - c) Hybrid sterility
 - d) Genetic mutations in hybrids
56. Which plant hormone is responsible for promoting cell elongation and influencing phototropism?
- a) Gibberellins
 - b) Auxins
 - c) Cytokinins
 - d) Abscisic acid
57. What type of organism causes Dutch Elm Disease, a common plant disease affecting elm trees?
- a) Bacteria
 - b) Fungi
 - c) Virus
 - d) Nematodes
58. What is the main function of mycorrhizae in plant roots?
- a) Photosynthesis
 - b) Nutrient absorption
 - c) Water storage
 - d) Reproduction
59. What is the outermost layer of cells in a young plant root responsible for absorbing water and nutrients?
- a) Cortex
 - b) Endodermis
 - c) Epidermis
 - d) Pericycle
60. Which plant is the source of the drug aspirin?
- a) Willow
 - b) Eucalyptus
 - c) Poppy
 - d) Digitalis
61. In which organ of the digestive system are nutrients primarily absorbed into the bloodstream?
- a) Stomach
 - b) Small intestine
 - c) Large intestine
 - d) Liver
62. What is the term for the innate behavior exhibited by animals in response to environmental cues?
- a) Instinct
 - b) Learning
 - c) Conditioning
 - d) Habituation
63. Which class do humans belong to in the classification of vertebrates?
- a) Amphibia



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- b) Mammalia
c) Aves
d) Reptilia
64. What is the primary characteristic of arthropods?
a) Soft bodies
b) Radial symmetry
c) Jointed appendages
d) Internal skeletons
65. In vertebrates, which chamber of the heart pumps oxygenated blood to the rest of the body?
a) Left atrium
b) Left ventricle
c) Right atrium
d) Right ventricle
66. Which scientist is known for his studies on animal behavior, particularly imprinting in birds?
a) Jane Goodall
b) Konrad Lorenz
c) Nikolaas Tinbergen
d) Dian Fossey
67. In a dihybrid cross, how many different combinations of alleles can be produced in the offspring?
a) 2
b) 4
c) 8
d) 16
68. Which of the following insects undergoes complete metamorphosis?
a) Ant
b) Grasshopper
c) Butterfly
d) Beetle
69. In mammals, what is the term for the early developmental stage of an embryo when it is a hollow ball of cells?
a) Morula
b) Blastocyst
c) Blastula
d) Zygote
70. Which part of the brain is responsible for coordinating motor movements and balance?
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b) Cerebellum
c) Medulla oblongata
d) Thalamus
71. What is the primary function of the mitochondria in a cell?
a) Photosynthesis
b) Cellular respiration
c) DNA replication
d) Protein synthesis
72. Which organelle is responsible for detoxifying harmful substances in the liver cells?
a) Golgi apparatus
b) Endoplasmic reticulum
c) Lysosome



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- d) Peroxisome
73. The process by which green plants convert light energy into chemical energy is called:
- a) Glycolysis
 - b) Osmosis
 - c) Photosynthesis
 - d) Fermentation
74. Which of the following is a biotic factor in an ecosystem?
- a) Temperature
 - b) Water availability
 - c) Plants
 - d) Soil composition
75. In human anatomy, the ulna is a bone located in which part of the body?
- a) Leg
 - b) Arm
 - c) Skull
 - d) Spine
76. The SI unit of electric current is:
- a) Volt
 - b) Ampere
 - c) Ohm
 - d) Watt
77. What is the law of conservation of energy?
- a) Energy cannot be created or destroyed, only transformed
 - b) Energy always flows from hot to cold objects
 - c) The total energy of a system increases with time
 - d) Energy is directly proportional to mass
78. Which of the following is a vector quantity?
- a) Speed
 - b) Distance
 - c) Acceleration
 - d) Mass
79. According to Newton's third law of motion, for every action, there is an equal and opposite:
- a) Force
 - b) Reaction
 - c) Acceleration
 - d) Momentum
80. What is the SI unit of force?
- a) Newton
 - b) Joule
 - c) Watt
 - d) Pascal
81. Which element is essential for all organic compounds?
- a) Hydrogen
 - b) Carbon
 - c) Oxygen
 - d) Nitrogen
82. What is the chemical symbol for gold?
- a) Au




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- b) Ag
c) Fe
d) Hg
83. What is the pH range for acidic solutions?
 a) 0-3
b) 4-7
c) 8-14
d) 7-10
84. Which gas is responsible for the greenhouse effect on Earth?
a) Oxygen
b) Nitrogen
 c) Carbon dioxide
d) Methane
85. What is the process of conversion of a liquid into vapor at its boiling point?
a) Condensation
b) Evaporation
c) Sublimation
 d) Solidification
86. Which organ is responsible for filtering and removing waste products from the blood?
 a) Liver
b) Kidney
c) Heart
d) Lungs
87. The respiratory system is responsible for the exchange of gases. Which gas is primarily taken in during inhalation?
a) Carbon dioxide
b) Nitrogen
 c) Oxygen
d) Hydrogen
88. The human brain is divided into how many main parts?
a) Two
b) Three
c) Four
 d) Five
89. What is the main function of the digestive system?
a) Pump blood
 b) Break down and absorb nutrients
c) Filter waste from the blood
d) Exchange gases
90. Which hormone is responsible for regulating blood sugar levels in the body?
 a) Insulin
b) Thyroxine
c) Estrogen
d) Testosterone
91. Which of the following is a primary function of leaves in plants?
 a) Photosynthesis
b) Water absorption
c) Root anchorage



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- d) Reproduction
92. What is the process by which water is lost from the aerial parts of plants, especially through small pores in leaves?
- a) Osmosis
 - b) Transpiration
 - c) Respiration
 - d) Absorption
93. Which plant hormone is responsible for promoting cell elongation and growth, especially in the stems?
- a) Gibberellin
 - b) Auxin
 - c) Cytokinin
 - d) Abscisic acid
94. In plant reproduction, what is the male gamete called?
- a) Ovule
 - b) Pollen
 - c) Seed
 - d) Embryo
95. The outermost layer of a plant root that absorbs water and nutrients is called:
- a) Cortex
 - b) Epidermis
 - c) Xylem
 - d) Phloem
96. Which part of a flower develops into a fruit after fertilization?
- a) Stamen
 - b) Pistil
 - c) Petal
 - d) Sepal
97. What is the term for the opening and closing of stomata in plant leaves to regulate gas exchange?
- a) Photosynthesis
 - b) Transpiration
 - c) Phototropism
 - d) Guard cell movement
98. Which process involves the fusion of male and female gametes to form a zygote in plants?
- a) Germination
 - b) Fertilization
 - c) Pollination
 - d) Translocation
99. Which of the following is a function of the phloem in plants?
- a) Water transport
 - b) Nutrient storage
 - c) Food transport
 - d) Mechanical support
100. What is the specialized region of a stem where leaves are attached?
- a) Node
 - b) Internode
 - c) Axil
 - d) Apical meristem




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AVANTHI FREESHIPS QUALIFYING TEST

Department Name: Pharmacy

Date: 23-11-2022

Name of the Student: P. Harika

Avanthi Freeship No.: 22AFTP32

Duration: 180 min

Total Marks: 100

58
100

Tick the correct option for the following Multiple-Choice Questions

1. What subatomic particle is responsible for the chemical properties of an element?
a) Proton
 b) Electron
c) Neutron ✓
d) Positron
2. Which type of bond is formed by the sharing of electrons between two nonmetals?
a) Ionic
 b) Covalent ✓
c) Metallic
d) Polar
3. In which group of the periodic table would you find the alkali metals?
 a) Group 1 ✓
b) Group 2
c) Group 17
d) Group 18
4. At what temperature does water boil at standard atmospheric pressure?
a) 0°C
 b) 100°C ✓
c) -273°C
d) 373 K
5. What is the balanced chemical equation for the reaction between hydrogen and oxygen to form water?
a) $H_2 + O_2 \rightarrow H_2O$
 b) $2H_2 + O_2 \rightarrow 2H_2O$ ✓
c) $H_2O \rightarrow H_2 + O_2$
d) $2H_2O \rightarrow 2H_2 + O_2$
6. Which of the following is a strong acid?
a) Acetic acid (CH₃COOH)
 b) Hydrochloric acid (HCl) ✓
c) Citric acid (C₆H₈O₇)
d) Carbonic acid (H₂CO₃)
7. What does the rate of a chemical reaction depend on?
 a) Temperature only ✓
b) Concentration of reactants only
c) Both temperature and concentration of reactants
d) Pressure only



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8. Which functional group is present in aldehydes but not in ketones?
 - a) Carbonyl
 - b) Hydroxyl
 - c) Carboxyl ✓
 - d) Amine ✓
9. Enthalpy is a measure of a system's:
 - a) Heat content
 - b) Volume ✓
 - c) Pressure ✓
 - d) Entropy
10. What particle is emitted during beta decay?
 - a) Electron
 - b) Proton ✓
 - c) Neutron
 - d) Positron
11. What is the SI unit of force?
 - a) Joule
 - b) Newton ✓
 - c) Watt.
 - d) Pascal
12. In which medium do sound waves travel the fastest?
 - a) Air
 - b) Water ✓
 - c) Steel ✓
 - d) Vacuum
13. What type of lens converges light rays to a single point?
 - a) Concave
 - b) Convex ✓
 - c) Diverging ✓
 - d) Plano-concave
14. Which material is a good conductor of electricity?
 - a) Rubber
 - b) Glass
 - c) Copper ✓
 - d) Wood
15. What happens to the magnetic field when you break a bar magnet in half?
 - a) Both pieces become new magnets ✓
 - b) One piece becomes a magnet, the other loses magnetism
 - c) Both pieces lose magnetism
 - d) The magnetic field remains the same
16. What is the first law of thermodynamics also known as?
 - a) Law of Conservation of Energy ✓
 - b) Boyle's Law
 - c) Charles's Law ✓
 - d) Avogadro's Law
17. Which particle has a positive charge?
 - a) Proton ✓
 - b) Neutron ✓



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- c) Electron
d) Photon
18. What phenomenon is explained by Einstein's theory of relativity?
a) Photoelectric effect ✓
b) Doppler effect
c) Newton's laws of motion
d) Archimedes' principle
19. What is the principle behind a hydraulic lift?
a) Pascal's principle ✓
b) Bernoulli's principle
c) Archimedes' principle ✓
d) Boyle's law
20. What is the force that tends to pull all objects with mass toward one another?
a) Electromagnetic force
b) Gravitational force
c) Strong nuclear force ✓
d) Weak nuclear force
21. What is the unit of measurement for electrical potential difference?
a) Volts ✓
b) Newtons
c) Joules
d) Amperes
22. In medical imaging, which type of radiation is commonly used for X-rays?
a) Alpha radiation
b) Beta radiation
c) Gamma radiation ✓
d) Neutron radiation
23. Which of the following is an example of a hinge joint in the human body?
a) Shoulder joint
b) Hip joint ✓
c) Knee joint
d) Elbow joint
24. What is the main function of DNA in living organisms?
a) Energy storage
b) Enzyme production ✓
c) Genetic information storage
d) Protein synthesis
25. What is the basic unit of the nervous system responsible for transmitting signals?
a) Neuron ✓
b) Nephron
c) Neutrino
d) Nucleon
26. Which of the following is a measure of the opposition to the flow of electric current in a biological system?
a) Voltage
b) Resistance ✓
c) Conductance
d) Capacitance



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 - ~~b) Cerebellum~~ ✓
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- ~~a) Epidermis~~
 - b) Xylem ✓
 - c) Phloem
 - d) Mesophyll
52. What is the primary function of the stomata in plant leaves?
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 - ~~b) Moss~~ ✓
 - c) Pine
 - d) Orchid



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 - b) Perennials
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 - c) Large intestine
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- a) Instinct
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63. Which class do humans belong to in the classification of vertebrates?
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- b) Mammalia
c) Aves
d) Reptilia
64. What is the primary characteristic of arthropods?
a) Soft bodies
b) Radial symmetry
c) Jointed appendages
d) Internal skeletons
65. In vertebrates, which chamber of the heart pumps oxygenated blood to the rest of the body?
a) Left atrium
b) Left ventricle
c) Right atrium
d) Right ventricle
66. Which scientist is known for his studies on animal behavior, particularly imprinting in birds?
a) Jane Goodall
b) Konrad Lorenz
c) Nikolaas Tinbergen
d) Dian Fossey
67. In a dihybrid cross, how many different combinations of alleles can be produced in the offspring?
a) 2
b) 4
c) 8
d) 16
68. Which of the following insects undergoes complete metamorphosis?
a) Ant
b) Grasshopper
c) Butterfly
d) Beetle
69. In mammals, what is the term for the early developmental stage of an embryo when it is a hollow ball of cells?
a) Morula
b) Blastocyst
c) Blastula
d) Zygote
70. Which part of the brain is responsible for coordinating motor movements and balance?
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71. What is the primary function of the mitochondria in a cell?
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b) Cellular respiration
c) DNA replication
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72. Which organelle is responsible for detoxifying harmful substances in the liver cells?
a) Golgi apparatus
b) Endoplasmic reticulum
c) Lysosome



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- ~~d~~ Peroxisome ✓
73. The process by which green plants convert light energy into chemical energy is called:
- a) Glycolysis
 - b) Osmosis
 - c) Photosynthesis ✓
 - ~~d~~ Fermentation
74. Which of the following is a biotic factor in an ecosystem?
- a) Temperature
 - b) Water availability ✓
 - c) Plants
 - ~~d~~ Soil composition
75. In human anatomy, the ulna is a bone located in which part of the body?
- a) Leg
 - b) Arm ✓
 - c) Skull
 - ~~d~~ Spine
76. The SI unit of electric current is:
- a) Volt
 - b) Ampere ✓
 - ~~c~~ Ohm
 - d) Watt
77. What is the law of conservation of energy?
- a) Energy cannot be created or destroyed, only transformed
 - b) Energy always flows from hot to cold objects
 - c) The total energy of a system increases with time ✓
 - ~~d~~ Energy is directly proportional to mass
78. Which of the following is a vector quantity?
- ~~a~~ Speed
 - b) Distance ✓
 - c) Acceleration
 - d) Mass
79. According to Newton's third law of motion, for every action, there is an equal and opposite:
- a) Force
 - b) Reaction ✓
 - ~~c~~ Acceleration
 - d) Momentum
80. What is the SI unit of force?
- ~~a~~ Newton ✓
 - b) Joule
 - c) Watt
 - d) Pascal
81. Which element is essential for all organic compounds?
- a) Hydrogen
 - ~~b~~ Carbon ✓
 - c) Oxygen
 - d) Nitrogen
82. What is the chemical symbol for gold?
- ~~a~~ Au ✓



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- b) Ag
c) Fe
d) Hg
83. What is the pH range for acidic solutions?
a) 0-3
b) 4-7
c) 8-14
d) 7-10
84. Which gas is responsible for the greenhouse effect on Earth?
a) Oxygen
b) Nitrogen
c) Carbon dioxide
d) Methane
85. What is the process of conversion of a liquid into vapor at its boiling point?
a) Condensation
b) Evaporation
c) Sublimation
d) Solidification
86. Which organ is responsible for filtering and removing waste products from the blood?
a) Liver
b) Kidney
c) Heart
d) Lungs
87. The respiratory system is responsible for the exchange of gases. Which gas is primarily taken in during inhalation?
a) Carbon dioxide
b) Nitrogen
c) Oxygen
d) Hydrogen
88. The human brain is divided into how many main parts?
a) Two
b) Three
c) Four
d) Five
89. What is the main function of the digestive system?
a) Pump blood
b) Break down and absorb nutrients
c) Filter waste from the blood
d) Exchange gases
90. Which hormone is responsible for regulating blood sugar levels in the body?
a) Insulin
b) Thyroxine
c) Estrogen
d) Testosterone
91. Which of the following is a primary function of leaves in plants?
a) Photosynthesis
b) Water absorption
c) Root anchorage



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- d) Reproduction
92. What is the process by which water is lost from the aerial parts of plants, especially through small pores in leaves?
- a) ~~Osmosis~~
 - b) Transpiration
 - c) ~~Respiration~~
 - d) ~~Absorption~~
93. Which plant hormone is responsible for promoting cell elongation and growth, especially in the stems?
- a) ~~Gibberellin~~
 - b) Auxin
 - c) ~~Cytokinin~~
 - d) ~~Abscisic acid~~
94. In plant reproduction, what is the male gamete called?
- a) ~~Ovule~~
 - b) Pollen
 - c) ~~Seed~~
 - d) ~~Embryo~~
95. The outermost layer of a plant root that absorbs water and nutrients is called:
- a) ~~Cortex~~
 - b) Epidermis
 - c) ~~Xylem~~
 - d) ~~Phloem~~
96. Which part of a flower develops into a fruit after fertilization?
- a) ~~Stamen~~
 - b) Pistil
 - c) ~~Petal~~
 - d) ~~Sepal~~
97. What is the term for the opening and closing of stomata in plant leaves to regulate gas exchange?
- a) ~~Photosynthesis~~
 - b) Transpiration
 - c) ~~Phototropism~~
 - d) ~~Guard cell movement~~
98. Which process involves the fusion of male and female gametes to form a zygote in plants?
- a) ~~Germination~~
 - b) Fertilization
 - c) ~~Pollination~~
 - d) ~~Translocation~~
99. Which of the following is a function of the phloem in plants?
- a) ~~Water transport~~
 - b) ~~Nutrient storage~~
 - c) Food transport
 - d) ~~Mechanical support~~
100. What is the specialized region of a stem where leaves are attached?
- a) Node
 - b) ~~Internode~~
 - c) ~~Axil~~
 - d) ~~Apical meristem~~




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AVANTHI FREESHIPS QUALIFYING TEST

Department Name: Pharmacy

Date: 23-11-2022

Name of the Student: S.HARI KRISHNA

Avanthi Freeship No.: 22AFTP55

Duration: 180 min

Total Marks: 100

68
100

Tick the correct option for the following Multiple-Choice Questions

1. What subatomic particle is responsible for the chemical properties of an element?
a) Proton
 b) Electron
c) Neutron
d) Positron
2. Which type of bond is formed by the sharing of electrons between two nonmetals?
a) Ionic
 b) Covalent
c) Metallic
d) Polar
3. In which group of the periodic table would you find the alkali metals?
 a) Group 1
b) Group 2
c) Group 17
d) Group 18
4. At what temperature does water boil at standard atmospheric pressure?
a) 0°C
 b) 100°C
c) -273°C
d) 373 K
5. What is the balanced chemical equation for the reaction between hydrogen and oxygen to form water?
a) $H_2 + O_2 \rightarrow H_2O$
b) $2H_2 + O_2 \rightarrow 2H_2O$
 c) $H_2O \rightarrow H_2 + O_2$
d) $2H_2O \rightarrow 2H_2 + O_2$
6. Which of the following is a strong acid?
a) Acetic acid (CH₃COOH)
b) Hydrochloric acid (HCl)
 c) Citric acid (C₆H₈O₇)
d) Carbonic acid (H₂CO₃)
7. What does the rate of a chemical reaction depend on?
a) Temperature only
 b) Concentration of reactants only
c) Both temperature and concentration of reactants
d) Pressure only



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8. Which functional group is present in aldehydes but not in ketones?
 a) Carbonyl
 b) Hydroxyl
 c) Carboxyl
 d) Amine
9. Enthalpy is a measure of a system's:
 a) Heat content
 b) Volume
 c) Pressure
 d) Entropy
10. What particle is emitted during beta decay?
 a) Electron
 b) Proton
 c) Neutron
 d) Positron
11. What is the SI unit of force?
 a) Joule
 b) Newton
 c) Watt
 d) Pascal
12. In which medium do sound waves travel the fastest?
 a) Air
 b) Water
 c) Steel
 d) Vacuum
13. What type of lens converges light rays to a single point?
 a) Concave
 b) Convex
 c) Diverging
 d) Plano-concave
14. Which material is a good conductor of electricity?
 a) Rubber
 b) Glass
 c) Copper
 d) Wood
15. What happens to the magnetic field when you break a bar magnet in half?
 a) Both pieces become new magnets
 b) One piece becomes a magnet, the other loses magnetism
 c) Both pieces lose magnetism
 d) The magnetic field remains the same
16. What is the first law of thermodynamics also known as?
 a) Law of Conservation of Energy
 b) Boyle's Law
 c) Charles's Law
 d) Avogadro's Law
17. Which particle has a positive charge?
 a) Proton
 b) Neutron



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- c) Electron
d) Photon
18. What phenomenon is explained by Einstein's theory of relativity?
a) Photoelectric effect
 b) Doppler effect
c) Newton's laws of motion
d) Archimedes' principle
19. What is the principle behind a hydraulic lift?
 a) Pascal's principle
b) Bernoulli's principle
c) Archimedes' principle
d) Boyle's law
20. What is the force that tends to pull all objects with mass toward one another?
a) Electromagnetic force
b) Gravitational force
 c) Strong nuclear force
d) Weak nuclear force
21. What is the unit of measurement for electrical potential difference?
a) Volts
b) Newtons
c) Joules
 d) Amperes
22. In medical imaging, which type of radiation is commonly used for X-rays?
a) Alpha radiation
b) Beta radiation
 c) Gamma radiation
d) Neutron radiation
23. Which of the following is an example of a hinge joint in the human body?
a) Shoulder joint
b) Hip joint
c) Knee joint
 d) Elbow joint
24. What is the main function of DNA in living organisms?
a) Energy storage
b) Enzyme production
 c) Genetic information storage
d) Protein synthesis
25. What is the basic unit of the nervous system responsible for transmitting signals?
 a) Neuron
b) Nephron
c) Neutrino
d) Nucleon
26. Which of the following is a measure of the opposition to the flow of electric current in a biological system?
a) Voltage
b) Resistance
 c) Conductance
d) Capacitance



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27. What is the primary effect of ionizing radiation on living cells?
a) Cell division
b) Cell mutation
c) Cell dehydration
d) Cell enlargement
28. What is the principle behind gel electrophoresis, a technique used in genetic research?
a) Magnetic force
b) Centrifugal force
c) Electric field
d) Gravitational force
29. Which of the following organs is primarily responsible for regulating blood pressure?
a) Liver
b) Kidneys
c) Heart
d) Lungs
30. What imaging technique uses magnetic fields and radio waves to generate detailed images of the internal structures of the body?
a) X-ray
b) Ultrasound
c) MRI (Magnetic Resonance Imaging)
d) PET scan (Positron Emission Tomography)
31. Which of the following is a characteristic of arachnids?
a) Three pairs of legs
b) Antennae
c) Four pairs of legs
d) Soft body
32. In vertebrates, what structure is responsible for oxygen exchange in the lungs?
a) Bronchi
b) Alveoli
c) Trachea
d) Diaphragm
33. Which phylum includes animals with radial symmetry and stinging cells?
a) Mollusca
b) Porifera
c) Cnidaria
d) Annelida
34. What is the scientific term for an instinctive, stereotypical behavior pattern displayed by animals in response to specific stimuli?
a) Habituation
b) Conditioning
c) Reflex
d) Fixed action pattern
35. In Mendelian genetics, which of the following is a homozygous genotype?
a) Aa
b) Bb
c) AA
d) AB



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36. Which gland is often referred to as the "master gland" because it regulates other endocrine glands?
- a) Thyroid gland
 - b) Adrenal gland
 - c) Pancreas
 - d) Pituitary gland
37. What is the primary function of the antennae in insects?
- a) Locomotion
 - b) Sensory perception
 - c) Reproduction
 - d) Defense
38. Which level of ecological organization includes all living organisms in a particular area along with their physical environment?
- a) Population
 - b) Community
 - c) Ecosystem
 - d) Biosphere
39. In mammals, what is the name of the fertilized egg before it implants into the uterine wall?
- a) Blastula
 - b) Morula
 - c) Zygote
 - d) Blastocyst
40. Which neurotransmitter is commonly associated with mood regulation and is often targeted by antidepressant medications?
- a) Serotonin
 - b) Dopamine
 - c) Acetylcholine
 - d) GABA (Gamma-aminobutyric acid)
41. Which organelle is responsible for energy production in a eukaryotic cell?
- a) Golgi apparatus
 - b) Endoplasmic reticulum
 - c) Mitochondrion
 - d) Nucleus
42. What is the term for alternative forms of a gene at a specific locus?
- a) Allele
 - b) Chromatid
 - c) Homolog
 - d) Zygote
43. What type of microorganism is responsible for fermentation in the production of bread and beer?
- a) Bacteria
 - b) Fungi
 - c) Virus
 - d) Algae
44. The axial skeleton includes which of the following?
- a) Arms and legs
 - b) Skull and vertebral column
 - c) Pelvis and ribs




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- d) Hands and feet
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- a) T cells
 - b) B cells
 - c) Natural killer cells
 - d) Macrophages
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c) Jointed appendages ✗
d) Internal skeletons
65. In vertebrates, which chamber of the heart pumps oxygenated blood to the rest of the body?
a) Left atrium
b) Left ventricle
c) Right atrium ✗
d) Right ventricle
66. Which scientist is known for his studies on animal behavior, particularly imprinting in birds?
a) Jane Goodall
b) Konrad Lorenz ✓
c) Nikolaas Tinbergen
d) Dian Fossey
67. In a dihybrid cross, how many different combinations of alleles can be produced in the offspring?
a) 2
b) 4
c) 8
d) 16 ✓
68. Which of the following insects undergoes complete metamorphosis?
a) Ant ✓
b) Grasshopper
c) Butterfly ✗
d) Beetle
69. In mammals, what is the term for the early developmental stage of an embryo when it is a hollow ball of cells?
a) Morula
b) Blastocyst
c) Blastula ✓
d) Zygote
70. Which part of the brain is responsible for coordinating motor movements and balance?
a) Cerebrum
b) Cerebellum
c) Medulla oblongata
d) Thalamus ✗
71. What is the primary function of the mitochondria in a cell?
a) Photosynthesis
b) Cellular respiration ✓
c) DNA replication
d) Protein synthesis
72. Which organelle is responsible for detoxifying harmful substances in the liver cells?
a) Golgi apparatus
b) Endoplasmic reticulum
c) Lysosome



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- b) Ag
c) Fe
d) Hg
83. What is the pH range for acidic solutions?
a) 0-3
b) 4-7
c) 8-14
d) 7-10
84. Which gas is responsible for the greenhouse effect on Earth?
a) Oxygen
b) Nitrogen
c) Carbon dioxide
d) Methane
85. What is the process of conversion of a liquid into vapor at its boiling point?
a) Condensation
b) Evaporation
c) Sublimation
d) Solidification
86. Which organ is responsible for filtering and removing waste products from the blood?
a) Liver
b) Kidney
c) Heart
d) Lungs
87. The respiratory system is responsible for the exchange of gases. Which gas is primarily taken in during inhalation?
a) Carbon dioxide
b) Nitrogen
c) Oxygen
d) Hydrogen
88. The human brain is divided into how many main parts?
a) Two
b) Three
c) Four
d) Five
89. What is the main function of the digestive system?
a) Pump blood
b) Break down and absorb nutrients
c) Filter waste from the blood
d) Exchange gases
90. Which hormone is responsible for regulating blood sugar levels in the body?
a) Insulin
b) Thyroxine
c) Estrogen
d) Testosterone
91. Which of the following is a primary function of leaves in plants?
a) Photosynthesis
b) Water absorption
c) Root anchorage



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- d) Peroxisome
73. The process by which green plants convert light energy into chemical energy is called:
- a) Glycolysis
 - b) Osmosis
 - c) Photosynthesis
 - d) Fermentation
74. Which of the following is a biotic factor in an ecosystem?
- a) Temperature
 - b) Water availability
 - c) Plants
 - d) Soil composition
75. In human anatomy, the ulna is a bone located in which part of the body?
- a) Leg
 - b) Arm
 - c) Skull
 - d) Spine
76. The SI unit of electric current is:
- a) Volt
 - b) Ampere
 - c) Ohm
 - d) Watt
77. What is the law of conservation of energy?
- a) Energy cannot be created or destroyed, only transformed
 - b) Energy always flows from hot to cold objects
 - c) The total energy of a system increases with time
 - d) Energy is directly proportional to mass
78. Which of the following is a vector quantity?
- a) Speed
 - b) Distance
 - c) Acceleration
 - d) Mass
79. According to Newton's third law of motion, for every action, there is an equal and opposite:
- a) Force
 - b) Reaction
 - c) Acceleration
 - d) Momentum
80. What is the SI unit of force?
- a) Newton
 - b) Joule
 - c) Watt
 - d) Pascal
81. Which element is essential for all organic compounds?
- a) Hydrogen
 - b) Carbon
 - c) Oxygen
 - d) Nitrogen
82. What is the chemical symbol for gold?
- a) Au



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- d) Reproduction
92. What is the process by which water is lost from the aerial parts of plants, especially through small pores in leaves?
- a) Osmosis
 - b) Transpiration
 - c) Respiration
 - d) Absorption
93. Which plant hormone is responsible for promoting cell elongation and growth, especially in the stems?
- a) Gibberellin
 - b) Auxin
 - c) Cytokinin
 - d) Abscisic acid
94. In plant reproduction, what is the male gamete called?
- a) Ovule
 - b) Pollen
 - c) Seed
 - d) Embryo
95. The outermost layer of a plant root that absorbs water and nutrients is called:
- a) Cortex
 - b) Epidermis
 - c) Xylem
 - d) Phloem
96. Which part of a flower develops into a fruit after fertilization?
- a) Stamen
 - b) Pistil
 - c) Petal
 - d) Sepal
97. What is the term for the opening and closing of stomata in plant leaves to regulate gas exchange?
- a) Photosynthesis
 - b) Transpiration
 - c) Phototropism
 - d) Guard cell movement
98. Which process involves the fusion of male and female gametes to form a zygote in plants?
- a) Germination
 - b) Fertilization
 - c) Pollination
 - d) Translocation
99. Which of the following is a function of the phloem in plants?
- a) Water transport
 - b) Nutrient storage
 - c) Food transport
 - d) Mechanical support
100. What is the specialized region of a stem where leaves are attached?
- a) Node
 - b) Internode
 - c) Axil
 - d) Apical meristem



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The following is the list of students are selected for the Avanthi Freeships and Merit Scholarship Policy test. Based on the merit of the test results fee concession is given to the following students

FREESHIP TEST MARKS

S. No	Freeship No	Student Name	Marks
1.	22AFTP0004	Adiyarapu Kusa Raju	54
2.	22AFTP0007	Anshu Kumari Singh	59
3.	22AFTP0009	Balivada Sowmya	52
4.	22AFTP0019	Boyi Priyanka	58
5.	22AFTP0020	Burada Rajuwardhan	53
6.	22AFTP0021	Chalapakala Deekshitha	49
7.	22AFTP0022	Chelluboina Lakshmi Pavani	58
8.	22AFTP0023	Chilakanti Sowjanya	56
9.	22AFTP0029	Darapu Chaitanya Sri	60
10.	22AFTP0034	Enturi Niharika	73
11.	22AFTP0035	Tummi Hemalatha	52
12.	22AFTP0037	Gollapalli Harini	56
13.	22AFTP0042	Isai Sairam	32
14.	22AFTP0044	Jayalaxmi Patnaik	54
15.	22AFTP0047	Katiki Keerthi	77
16.	22AFTP0048	Keerthana Pappu	51
17.	22AFTP0052	Koda Uma	60
18.	22AFTP0053	Kollu Trinadh	53
19.	22AFTP0054	Kommajosyula Asritha	51
20.	22AFTP0055	Konchada Pallavi	52
21.	22AFTP0058	Lankalapalli Tilak Kumar	53
22.	22AFTP0064	Meegada Reshma Rasagjna	52
23.	22AFTP0065	Muddada Simhadri	59
24.	22AFTP0069	Nekkalapudi Nikitha Annapurna	84
25.	22AFTP0074	Paidy Harika	58
26.	22AFTP0077	Palli Bindusai	62
27.	22AFTP0081	R Yaswanth Kumar	54
28.	22AFTP0083	Reddi Ranitha Devi	54



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29.	22AFTP0084	Reddi Sravani	52
30.	22AFTP0085	Reddy Bhavani	50
31.	22AFTP0093	Sirisetti Jahnvi	68
32.	22AFTP0094	Sivvala Hari Krishna	68
33.	22AFTP0098	Tothadi Sneharika	62
34.	22AFTP00A0	Uttada Lakshmi Prasanna	50
35.	22AFTP00A2	Vellanki Sarath	62
36.	22AFTP00A3	Vemula Satya Sree Harshitha	59
37.	22AFTP00A8	Pappala Mounika	42
38.	22AFTP00A9	Bandi Venkata Jyothsna	41
39.	22AFTP00B0	Pydi Pravallika	48
40.	22AFTP0043	Isukapatla Krupanand	35
41.	22AFTP0078	Pandoyi Ankitha	39
42.	22AFTP0087	Samayamanthula Siva Parvathi	32
43.	22AFTP0091	Savalapuram Suneetha	43
44.	22AFTP0099	Toyaka Kavya	41
45.	22AFTP10002	Balireddy Pallavi	45
46.	22AFTP10001	Adduri Mohitha Bhavani	44
47.	22AFTP10004	Bandhru Balayasaswini	32
48.	22AFTP10010	Gunupuru Chandana	43
49.	22AFTP10011	Guttula Nandu	68
50.	22AFTP10012	Harshita Mesh	68
51.	22AFTP10014	Koyya Tejasree	62
52.	22AFTP10015	Madabattula Yogitha	50
53.	22AFTP10024	Sampathirao Haritha	62
54.	22AFTP10027	Shaurya Singh Yadav	59
55.	22AFTP10028	Thatipudi Priyanka	42
56.	22AFTP10032	Paidi Sruti	41
57.	22AFTP10031	Visarapu Danteswari	48
58.	22AFTP10006	Chalamalasetti Baby Prathyusha	55
59.	22AFTP10007	Chillapalli Sahruday	49
60.	22AFTP10021	Ponasanapalli Dhakshayani	32
61.	22AFTP10022	Ramoni Keerthi	43



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62.	22AFTP10023	Vuriviti Pavani	41
63.	22AFTP10009	Gedda Tarun	59
64.	22AFTP10005	Chavali Arunakumari	42
65.	22AFTP10605	Kasireddi Ramalakshmi	41
66.	22AFTP10606	Kenari Shalini	48
67.	22AFTP10607	Madaka Divya Sai	35
68.	22AFTP10608	M Praveen Kumar	39
69.	22AFTP10609	Modalavalasa Sowmya	32
70.	22AFTP10610	Makireddi Kusuma	43
71.	22AFTP10611	Mattaparthi Alekhya	41
72.	22AFTP10612	Palli Joshana	45
73.	22AFTP10613	Pilaka Neha	44
74.	22AFTP10614	Rokkala Prasanthi	32
75.	22AFTP10615	Uppati Latha	43
76.	22AFTP20601	Baddem Bhargavi	59
77.	22AFTP20602	Bammidi Vidyasagar	42
78.	22AFTP20603	Baoa Mounika	41
79.	22AFTP20604	Gurugubelli Pranathi	43
80.	22AFTP20605	Nukapeyyi Rupadevi	35
81.	22AFTP20606	Pondari Rashmitha	39
82.	22AFTP20607	Rambha Mounika	32
83.	22AFTP20608	Revalla Venkata Laxmi	43
84.	22AFTP20609	S Praneetha	41
85.	22AFTP20301	Asapu Sirisha	45
86.	22AFTP20302	Chelikana Prakash	44
87.	22AFTP20303	Gandi Spandana	32
88.	22AFTP20304	Geddapu Sirisha	43
89.	22AFTP20305	Gollangi Harika	45
90.	22AFTP20306	Pavan Teja Bolla	40
91.	22AFTP20307	Saragadam Pooja Pranathi	35
92.	22AFTP20308	Seekolu Venkata Laskhmi	32
93.	22AFTP20309	Shaik Shakeela Bhanu	35



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94.	22AFTP20310	Sribhashyam Meena	42
95.	22AFTP20311	Sunkari Bhavani Sankar	40
96.	22AFTP20307	Potupureddi Sivakali Bharghavi	45
97.	22AFTP20308	Silapara Setty Shyam Sai	45
98.	22AFTP20309	Singidi Venkata Anil Chandra	43
99.	22AFTP20310	Subha Priya Undavalli	42
100.	22AFTP20311	Uppada Suryam	41
101.	22AFTP20312	Uppada Vasantha	40
102.	22AFTP20601	Engraj Jyoti Das	38
103.	22AFTP20602	Kucharlapati Pavani	38
104.	22AFTP20603	Manish Kumar	36
105.	22AFTP20604	Yvdata Rachana	38
106.	22AFTP20605	Rongali Ramadevi	34
107.	22AFTP20606	Pretom Chakraborty	37
108.	22AFTP20607	Yalla Hemalatha	40
109.	22AFTP20301	Ambati Ramakrishna	38
110.	22AFTP20302	B Rohith Kumar	42
111.	22AFTP20303	Bala Neekita	40
112.	22AFTP20304	Siddani Sruthi Suvarchala	45
113.	22AFTP20305	Malla Vasundhara	45
114.	22AFTP20306	Migada Durgadevi	43
115.	22AFTP20313	V Manohar	42
116.	22AFTP20314	Jami Jyoshna	41
117.	22AFTP20604	Garbhapu Vamsi	40
118.	22AFTP201605	Gembali Rohith	38
119.	22AFTP201602	Buddharaju Lekha	38
120.	22AFTP201614	Pandhiri Palli Bhuvanewari	36
121.	22AFTP201615	Peddimsetty Pallavi	38




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Thagarapuvalasa

26-11-2022

From

The Principal

Avanthi Institute of Pharmaceutical Sciences

Cherukupalli (Village)

To

Chairperson

Governing Body (GB).

Avanthi Institute of Pharmaceutical Sciences

Cherukupalli (Village)

Dear Sir/Madam,

Sub: Request to sanction of Freeship Amount.

Ref: 1. Minutes of meeting of IAC held on 25-11-2022.

2. Avanthi Freeship & Merit Scholarship internal policy.

This is to inform you that Avanthi Institute of Pharmaceutical Sciences conducted an exam "Avanthi Freeship Test" on 23-11-2022 to the students who are willing to join in B Category seats of first year B.Pharm and Pharm.D programs for the academic year 2022-2023. Based on their performance in the test, they were awarded marks and eligibility for Freeships in accordance with the rules and regulations of Freeship internal policy. I enclose the list of 121 students who are qualified in the test for your reference. In this regard, I request you to please forward the students list to the GB for sanctioning the freeships amount for further proceedings.

The details are also enclosed for your consideration.

Thanking you

Yours faithfully




Principal

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1.	22T51R0004	Adiyarapu Kusa Raju	35000
2.	22T51R0007	Anshu Kumari Singh	40000
3.	22T51R0009	Balivada Sowmya	35000
4.	22T51R0019	Boyi Priyanka	40000
5.	22T51R0020	Burada Rajuvaradhan	35000
6.	22T51R0021	Chalapakala Deekshitha	30000
7.	22T51R0022	Chelluboina Lakshmi Pavani	40000
8.	22T51R0023	Chilakanti Sowjanya	37000
9.	22T51R0029	Darapu Chaitanya Sri	40000
10.	22T51R0034	Enturi Niharika	45000
11.	22T51R0035	Tummi Hemalatha	25000
12.	22T51R0037	Gollapalli Harini	40000
13.	22T51R0042	Isai Sairam	20000
14.	22T51R0044	Jayalaxmi Patnaik	40000
15.	22T51R0047	Katiki Keerthi	35000
16.	22T51R0048	Keerthana Pappu	35000
17.	22T51R0052	Koda Uma	40000
18.	22T51R0053	Kollu Trinadh	35000
19.	22T51R0054	Kommajosyula Asritha	35000
20.	22T51R0055	Konchada Pallavi	35000
21.	22T51R0058	Lankalapalli Tilak Kumar	35000
22.	22T51R0064	Meegada Reshma Rasagjna	35000
23.	22T51R0065	Muddada Simhadri	40000
24.	22T51R0069	Nekkalapudi Nikitha Annapurna	45000
25.	22T51R0074	Paidy Harika	31500
26.	22T51R0077	Palli Bindusai	40000
27.	22T51R0081	R Yaswanth Kumar	40000
28.	22T51R0083	Reddi Ranitha Devi	40000
29.	22T51R0084	Reddi Sravani	40000



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30.	22T51R0085	Reddy Bhavani	40000
31.	22T51R0093	Sirisetti Jahnvi	40000
32.	22T51R0094	Sivvala Hari Krishna	35000
33.	22T51R0098	Tothadi Sneharika	45000
34.	22T51R00A0	Uttada Lakshmi Prasanna	30000
35.	22T51R00A2	Vellanki Sarath	45000
36.	22T51R00A3	Vemula Satya Sree Harshitha	40000
37.	22T51R00A8	Pappala Mounika	25000
38.	22T51R00A9	Bandi Venkata Jyothsna	25000
39.	22T51R00B0	Pydi Pravallika	30000
40.	22T51R0043	Isukapatla Krupanand	28000
41.	22T51R0078	Pandoyi Ankitha	25000
42.	22T51R0087	Samayamanthula Siva Parvathi	20000
43.	22T51R0091	Savalapuram Suneetha	20000
44.	22T51R0099	Toyaka Kavya	23000
45.	22T51T0002	Balireddy Pallavi	22000
46.	22T51T0001	Adduri Mohitha Bhavani	30000
47.	22T51T0004	Bandhru Balayasaaswini	32000
48.	22T51T0010	Gunupuru Chandana	35000
49.	22T51T0011	Guttula Nandu	30000
50.	22T51T0012	Harshita Mesh	32000
51.	22T51T0014	Koyya Tejasree	34000
52.	22T51T0015	Madabattula Yogitha	30000
53.	22T51T0024	Sampathirao Haritha	28000
54.	22T51T0027	Shaurya Singh Yadav	30000
55.	22T51T0028	Thatipudi Priyanka	32000
56.	22T51T0032	Paidi Sruti	30000
57.	22T51T0031	Visarapu Danteswari	33000
58.	21T51T0006	Chalamalasetti Baby Prathyusha	28000
59.	21T51T0007	Chillapalli Sahruday	25000
60.	21T51T0021	Ponasanapalli Dhakshayani	20000
61.	21T51T0022	Ramoji Keerthi	20000
62.	20T51T0023	Vuriviti Pavani	21000



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63.	20T51T0009	Gedda Tarun	20000
64.	20T51T0005	Chavali Arunakumari	20000
65.	22T51S1605	Kasireddi Ramalakshmi	15000
66.	22T51S1606	Kenari Shalini	13000
67.	22T51S1607	Madaka Divya Sai	12000
68.	22T51S1608	M Praveen Kumar	10000
69.	22T51S1609	Modalavalasa Sowmya	11000
70.	22T51S1610	Makireddi Kusuma	12000
71.	22T51S1611	Mattaparathi Alekhya	10000
72.	22T51S1612	Palli Joshana	12000
73.	22T51S1613	Pilaka Neha	10000
74.	22T51S1614	Rokkala Prasanthi	10000
75.	22T51S1615	Uppati Latha	15000
76.	22T51S0601	Baddem Bhargavi	12000
77.	22T51S0602	Bammidi Vidyasagar	12000
78.	22T51S0603	Baoa Mounika	10000
79.	22T51S0604	Gurugubelli Pranathi	10000
80.	22T51S0605	Nukapeyyi Rupadevi	12000
81.	22T51S0606	Pondari Rashmitha	10000
82.	22T51S0607	Rambha Mounika	8000
83.	22T51S0608	Revalla Venkata Laxmi	8500
84.	22T51S0609	S Praneetha	5600
85.	22T51S0301	Asapu Sirisha	5000
86.	22T51S0302	Chelikana Prakash	4500
87.	22T51S0303	Gandi Spandana	6000
88.	22T51S0304	Geddapu Sirisha	10000
89.	22T51S0305	Gollangi Harika	12000
90.	22T51S0306	Pavan Teja Bolla	10000
91.	22T51S0307	Saragadam Pooja Pranathi	8000
92.	22T51S0308	Seekolu Venkata Laskhmi	7500
93.	22T51S0309	Shaik Shakeela Bhanu	5000
94.	22T51S0310	Sribhashyam Meena	12000
95.	22T51S0311	Sunkari Bhavani Sankar	10000



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96.	21T51S0307	Potupureddi Sivakali Bharghavi	11000
97.	21T51S0308	Silapara Setty Shyam Sai	12000
98.	21T51S0309	Singidi Venkata Anil Chandra	10000
99.	21T51S0310	Subha Priya Undavalli	10000
100.	21T51S0311	Uppada Suryam	12000
101.	21T51S0312	Uppada Vasantha	10000
102.	21T51S0601	Engraj Jyoti Das	8000
103.	21T51S0602	Kucharlapati Pavani	8500
104.	21T51S0603	Manish Kumar	5600
105.	21T51S0604	Yvdata Rachana	5000
106.	21T51S0605	Rongali Ramadevi	4500
107.	21T51S0606	Pretom Chakraborty	12000
108.	21T51S0607	Yalla Hemalatha	10000
109.	21T51S0301	Ambati Ramakrishna	10000
110.	21T51S0302	B Rohith Kumar	12000
111.	21T51S0303	Bala Neekita	10000
112.	21T51S0304	Siddani Sruthi Suvarchala	12000
113.	21T51S0305	Malla Vasundhara	10000
114.	21T51S0306	Migada Durgadevi	10000
115.	21T51S0313	V Manohar	12000
116.	21T51S0314	Jami Jyoshna	10000
117.	21T51S01604	Garbhapu Vamsi	8000
118.	21T51S01605	Gembali Roliith	8500
119.	21T51S01602	Buddharaju Lekha	5600
120.	21T51S01614	Pandhiri Palli Bhuvanewari	5000
121.	21T51S01615	Peddimsetty Pallavi	4500
Total			2630800


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Thagarapuvalasa

13-04-2023

From

The Institute Academic Committee.

Avanthi Institute of Pharmaceutical Sciences

Cherukupalli (Village)

To

The Governing body (GB)

Avanthi Institute of Pharmaceutical Sciences

Cherukupalli (Village)

Dear Sir,

Sub: Letter of request regarding sanction of Merit Scholarship amount to college budget

Ref: 1. Minutes of meeting of IAC held on 13-04-2023.

2. Avanthi Freeships & Merit Scholarship internal policy.

This is to request you please sanction amount of Rs. 238000/- (Two lakh thirty eight thousand Rupees) for 60 students into the college budget for the academic year 2022-2023.

The details are also enclosed for your consideration.

Thanking you

Yours faithfully


Chairman IAC


PRINCIPAL
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List of Students awarded with Merit Scholarship Amount for the Academic Year 2022-2023

The following is the list of students are selected from Avanthi Freeship and Merit Scholarship Policy test. As from the merit scholarship Policy the academic toppers are selected and given the prize amount for first topper and second topper.

S. No	Branch	Year	Reg. No	Name	Merit	Amount
1.	B. Pharm	IV	20T51R0016	B. Radha Shyam Priya	I	5000
2.	B. Pharm	IV	20T51R0025	D. Yamuna	II	3000
3.	B. Pharm	IV	20T51R0061	M. Keertana	I	5000
4.	B. Pharm	IV	20T51R0049	K. Roopa	II	3000
5.	B. Pharm	IV	20T51R0037	I. Indu	I	5000
6.	B. Pharm	IV	20T51R0015	B. Raviteja	II	3000
7.	B. Pharm	IV	20T51R0029	E. Bhargavi	I	5000
8.	B. Pharm	IV	20T51R0027	E. Ramya	II	3000
9.	B. Pharm	III	21T51R0079	P. Sree Priya	I	5000
10.	B. Pharm	III	21T51R0091	P. Sneha Krishna	II	3000
11.	B. Pharm	III	21T51R0007	M. Manasa	I	5000
12.	B. Pharm	III	21T51R00	A. Pavitra	II	3000
13.	B. Pharm	II	22T51R0024	C. Sharmila	I	5000
14.	B. Pharm	II	22T51R00A5	V. Renuka	II	3000
15.	B. Pharm	II	22T51R0014	B. Thanusree	I	5000
16.	B. Pharm	II	22T51R0011	B. Geetaratnam	II	3000
17.	B. Pharm	II	22T51R0013	B. Jaswanth	I	5000
18.	B. Pharm	II	22T51R0003	A. Anusha	II	3000
19.	B. Pharm	II	22T51R0015	B. Bhuvaneshwari	I	5000
20.	B. Pharm	II	22T51R0057	K. Sravani	II	3000
21.	B. Pharm	II	22T51R0065	M. Simhadri	I	5000
22.	B. Pharm	II	22T51R0008	A. Varsha	II	3000
23.	B. Pharm	II	22T51R0035	T. Hemalatha	I	5000
24.	B. Pharm	II	22T51R0086	R. Jhansi	II	3000
25.	Pharm. D	V	18T51T0024	U. Meghana	I	5000
26.	Pharm. D	V	18T51T0006	B. Meghana	II	3000
27.	Pharm. D	V	18T51T0005	B. Jayaradha Madhavi	I	5000
28.	Pharm. D	V	18T51T0007	B. Prayallika	II	3000
29.	Pharm. D	IV	19T51T0014	P. Prasanna	I	5000



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30.	Pharm. D	IV	19T51T0001	A. Sushmitha	II	3000
31.	Pharm. D	V	19T51T0012	K. Ushasri	I	5000
32.	Pharm. D	V	19T51T0022	V. Sandhya Rani	II	3000
33.	Pharm. D	IV	19T51T0010	K. Chandini	II	3000
34.	Pharm. D	III	20T51T0002	A. Rohitha	I	5000
35.	Pharm. D	III	20T51T0012	K. Sai Lavanya	II	3000
36.	Pharm. D	III	20T51T0016	M. Rizvi	I	5000
37.	Pharm. D	III	20T51T0010	G. Varshini	II	3000
38.	Pharm. D	II	21T51T0020	P. Bhavani	I	5000
39.	Pharm. D	II	21T51T0011	G. Roshini	II	3000
40.	Pharm. D	II	21T51T0009	P. Pranathi	I	5000
41.	Pharm. D	II	21T51T0030	G. Iswarya	II	3000
42.	Pharm. D	II	21T51T0018	N. Abhishek	I	5000
43.	Pharm. D	II	21T51T0011	G. Pallavi	II	3000
44.	Pharm. D	IV	19T51T0018	K. Ramakrishna	I	5000
45.	Pharm. D	IV	19T51T0021	V. Sandhya Rani	II	3000
46.	Pharm. D	IV	19T51T0023	V. Syam Kumar	I	5000
47.	Pharm. D	IV	19T51T0009	K. Anusha	II	3000
48.	Pharm. D	IV	19T51T0004	K. Chandini	II	3000
49.	M. Pharm	I	21T51S01614	P. Bhuvaneshwari	I	5000
50.	M. Pharm	I	21T51S01615	P. Pallavi	II	3000
51.	M. Pharm	I	21T51S01612	M. Reshma Satya Sri	I	5000
52.	M. Pharm	I	21T51S01613	N. Sruthi Sandhya	II	3000
53.	M. Pharm	I	21T51S0604	Y. Rachana	I	5000
54.	M. Pharm	I	21T51S0605	R. Ramadevi	II	3000
55.	M. Pharm	II	21T51S0606	P. Chakraborty	I	5000
56.	M. Pharm	II	21T51S0607	Y. Hemalatha	II	3000
57.	M. Pharm	II	21T51S0301	A. Ramakrishna	I	5000
58.	M. Pharm	II	21T51S0304	S.Sruthi Suvarchala	II	3000
59.	M. Pharm	II	21T51S0305	M. Vasundhara	I	5000
60.	M. Pharm	II	21T51S0302	B. Rohith Kumar	II	3000
Total						238000



Principal
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