AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, Recg. By Govt. of T.S& Affiliated to JNTUH, Hyderabad)
NAAC "B++" Accredited Institute
Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.
www.aietg.ac.in email:principal.avanthi@gmail.com

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 2021-2022**

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09-03-2018

AVANTHI FREESHIP & MERIT SCHOLARSHIP POLICY

OBJECT

The goal of the scheme is to offer financial assistance to scheduled college students studying in Avanti Institute of engineering and technology to finish their education.

SCOPE

These ships are available for the students and are awarded based on evaluation of test result which is organized by Avanthi educational society. This is relevant to all the students who are presently beneficiaries of the scheme as well as fresh admissions. Merit scholarship scheme is to help meritorious students to finish their B. Tech without monetary burden.Our institution committed to provide freeships to poor and economically backward students.It is applicable to the students who do not have parents or either father or mother has lost their lives they could avail the opportunity. We also offer freeships whose parental annual income less than one lakh. We ensure that this financial support will helps the students to reach their goals

STUDENT FRESSHIP FRAMEWORK

At Avanthi Institute of Engineering & Technology, we comply with a Unified Student Freeship Framework to ensure that the deserving candidates get the specified financial assistance. The framework is approved under the following conditions:

1. Admissions via freeship could be offered on a first-come, first-served foundation.

2. Admissions through freeships are limited up to 30% of the approved programme intake.

3.Students those who secure University ranks shall be honored with cash prize and merit certificate

4. Students topped in their subjects/branch of engineering shall be honored with cash prize and merit certificate.

5. The Students from rural background and economically poor shall be supported to pursue engineering course by providing tuition fee concessions

6. The employees children of the institution shall be considered for financial assistance.

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7. Financial assistance shall be provided to the needy students to take up quality project.

8. Financialassistance shall be provided to the students those are eligible for placements to attend training programs.

9. The freeships offered through AF is applicable for the First Year only. The same scholarship will be continued in the subsequent years of study based on the student performance.

10.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.

11. Apart from these, special requests for financial support shall be considered with Principal's/Management recommendations on valid reasons.

STUDENT MERIT SCHOLARSHIP FRAMEWORK

The merit scholarship will be provided for all First and Second TOPPERS of the students year wise and branch wise.

1. For 1st TOPPER awarded ---------- 5000 /- Rs

2. For 2nd TOPPER awarded---------- 3000/- Rs

The Avanthi Freeships Internal policy is adapted on this day the 9th of March 2018 at Avanthi Institute of Engineering and Technology, Gunthapally(Vil), Abdullapurmet (Mdl), RR Reddy 501512. According to the Merit Scholarship policy those who are academic year wise toppers the Avanthi Educational Society give merit Scholarship awards to academic toppers on Anniversary day.

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Date:_____

2021-22 MODEL FREESHIP QUESTION PAPER Total Marks:100
QUESTION PAPER NAME: ENGINEERING Duration:180 Min

NAME OF THE STUDENT:_____FREESHIP NO:_____

1.The centre of the circle $4x^2 + 4y^2 - 8x + 12y - 25 = 0$ is

a. (-2, 3)
b. (1, -3/2)
c. (-4, 6)
d. (4, -6)

2.The parametric equation of the parabola $y^2 = 4ax$ is

a. $x = at; y = 2at$
b. $x = at^2; y = 2at$
c. $x = at^2; y = 4at$
d. $x = at^2; y^2 = at^3$

3.Two lines are said to be parallel if the difference of their slope is

a. -1
b. 0
c. 1
d. None of these

4.What is the distance of (5, 12) from the origin?

a. 5units
b. 8 units
c.12 units
d.13 units

5.The largest coefficient in the expansion of $(1+x)^{10}$ is:

a. $10! / (5!)^2$
b. $10! / 5!$
c. $10! / (5!\times4!)^2$
d. $10! / (5!\times4!)$

6.If n is even in the expansion of $(a+b)^n$, the middle term is:

a. n^{th} term
b. $(n/2)^{th}$ term
c. $[(n/2)-1]^{th}$ term
d. $[(n/2)+1]^{th}$ term

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7.The value of $(126)^{1/3}$ up to three decimal places is

a. 5.011
b. 5.012
c. 5.013
d. 5.014

8.The number of squares that can be formed on a chessboard is

a. 64
b. 160
c. 204
d. 224

9.If ${}^nP_5 = 60\,{}^{n-1}P_3$, the value of n is

a. 6
b. 10
c. 12
d. 16

10.Number of solutions of the equation $z^2 + |z|^2 = 0$ is

(a) 1
(b) 2
(c) 3
(d) infinitely many

11. If 1 – i, is a root of the equation $x^2 + ax + b = 0$, where a, b R, then the value of a – b is

(a) -4
(b) 0
(c) 2
(d) 1

12.For any natural number n, $2^{2n} - 1$ is divisible by

(a) 2
(b) 3
(c) 4
(d) 5

13.If tan A = 1/2 and tan B = 1/3, then the value of A + B is

(a) $\pi/6$
(b) π
(c) 0
(d) $\pi/4$

14.If sin θ and cos θ are the roots of $ax^2 - bx + c = 0$, then the relation between a, b and c will be

(a) $a^2 + b^2 + 2ac = 0$
(b) $a^2 - b^2 + 2ac = 0$
(c) $a^2 + c^2 + 2ab = 0$
(d) $a^2 - b^2 - 2ac = 0$

15 .If $f(x) = x^2 + 2$, $x \in R$, then the range of f(x) is

(

a) $[2, \infty)$

(b) $(-\infty, 2]$

(c) $(2, \infty)$

(d) $(-\infty, 2) \cup (2, \infty)$

16.What will be the domain for which the functions $f(x) = 2x^2 - 1$ and $g(x) = 1 - 3x$ are equal?

(a) {-2, 1}

(b) {1/2, -2}

(c) [2, 12]

(d) {-2,1/2}

17: Acute angle between the line (x-5)/2 = (y+1)/-1 = (z+4)/1 and the plane 3x-4y-z+5 = 0 is:

a. $\cos^{-1}(9/\sqrt{364})$

b. $\sin^{-1}(9/\sqrt{364})$

c. $\cos^{-1}(5/2\sqrt{13})$

d. $\sin^{-1}(5/2\sqrt{13})$

18: The distance of the point (1,2,1) form the line (x-1)/2 = (y-2)/1 = (z-3)/2 is

a. $2\sqrt{3}/5$

b. $2\sqrt{5}/3$

c. $\sqrt{5}/3$

d. 20/3

19.The maximum number of equivalence relations on the set A = {1, 2, 3} are

(a) 1

(b) 2

(c) 3

(d) 5

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20.Events A and B are said to be mutually exclusive if:

A. P(AUB)=PA.+PB.

B. $P(A \cap B)=PA. \times PB.$

C . P(AUB)=0

D. None of these

21. What is the probability of getting the number 6 at least once in a regular die if it can roll it 6 times?

A. $1 - (5/6)^6$

B. $1 - (1/6)^6$

C. $(5/6)^6$

D. $(1/6)^6$

22. A bag contains 5 brown and 4 white socks. Ram pulls out two socks. What is the probability that both the socks are of the same colour?

A. 9/20

B. 2/9

C. 3/20

D. 4/9

23. If the variance of the data is 121, the standard deviation of the data is:

(a) 121

(b) 11

(c) 12

(d) 21

24. Relation between mean, median and mode is given by:

(a) Mode = 2 Median – 3 Mean

(b) Mode = 2 Median + 3 Mean

(c) Mode = 3 Median – 2 Mean

(d) Mode = 3 Median + 2 Mean

25.Which of the following is not a statement?

(a) Smoking is injurious to health.

(b) 2 + 2 = 4

(c) 2 is the only even prime number.

(d) Come here.

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26.Which of the following is a statement?

(a) Roses are black.
(b) Mind your own business.
(c) Be punctual.
(d) Do not tell lies.

27.The derivative of x^2 cos x is

(a) $2x \sin x - x^2 \sin x$
(b) $2x \cos x - x^2 \sin x$
(c) $2x \sin x - x^2 \cos x$
(d) $\cos x - x^2 \sin x \cos x$

28.The centre of the circle $4x^2 + 4y^2 - 8x + 12y - 25 = 0$ is

(a) (-2, 3)
(b) (1, -3/2)
(c) (-4, 6)
(d) (4, -6)

29.Solution of differential equation x.dy – y.dx = Q

A. a rectangular hyperbola
B. parabola whose vertex is at the origin
C. straight line passing through the origin
D. a circle whose centre is at the origin

30.What is the differential equation of the family of circles touching the y-axis at the origin?

A. $2xyy' + x^2 = y^2$
B. $2xyy'' + x' = y^2$
C. $2xyy' - x^2 = y^2$
D. $xyy' + x^2 = y^2$

31.The number of arbitrary constants in the particular solution of a differential equation of third order is:

A. 3
B. 2
C. 1
D. 0

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32.Find the degree of the differential equation: (1+□□□□)3=(□□□□)2

A. 0
B. 1
C. 2
D. 3

33. If $\int 2^x dx = f(x) + C$, then f(x) is

a. 2^x
b. $2^x \log_e 2$
c. $2^x / \log_e 2$
d. $2^{x+1}/x+1$

34. $\int^2 (x^2 + 3)dx$ equals

a.24/3
b.25/3
c.26/3
d.None of the above

35.The area of a triangle with vertices (–3, 0), (3, 0) and (0, k) is 9 sq. units. The value of k will be

(a) 9
(b) 3
(c) -9
(d) 6

36.If x sin(a+y) = sin y, then dy/dx is equal to

a. $[\sin^2(a+y)]/\sin a$
b. $\sin a /[\sin^2(a+y)]$
c. $[\sin(a+y)]/\sin a$
d. $\sin a /[\sin(a+y)]$

37.The function f(x) = [ln(1+ax)-ln(1-bx)]/x, not defined at x=0. The value should be assigned to f at x=0, so that it is continuous at x =0, is

a. a+b
b. a-b
c. b-a
d. ln a + ln b

38.If $y = ax^2+b$, then dy/dx at x = 2 is equal to

a. 2a
b.3a
c.4a
d. None of these

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39.The value of c in Rolle's theorem for the function, f(x) = sin 2x in [0, π/2] is

a.π/4
b.π/6
c.π/2
d.π/3

40) If $x = t^2$, $y = t^3$, then d^2y/dx^2 =

a. 3/2
b. 3/4t
c. 3/2t
d. 3t/2

41. If A is a square matrix of order 3 and |A| = 5, then the value of |2A′| is

(a) -10
(b) 10
(c) -40
(d) 40

42.If [2𝜃+𝜑−2𝛽5𝜃−𝜑4𝜑+3𝜃]=[4−31124], then the value of p + q – r + 2s is

(a) 8
(b) 10
(c) 4
(d) -8

43.If A and B are two matrices of the order 3 × m and 3 × n, respectively, and m = n, then the order of matrix (5A – 2B) is

(a) m × 3
(b) 3 × 3
(c) m × n
(d) 3 × n

44.The value of the expression sin [$\cot^{-1}$ (cos ($\tan^{-1}$ 1))] is

(a) 0
(b) 1
(c) 1/√3
(d) √(2/3)

45.Which of the following is the principal value branch of $\cos^{-1}x$?

(a) [–π/2, π/2]
(b) (0, π)
(c) [0, π]
(d) (0, π) – {π/2}

46.If $\sin^{-1}x + \sin^{-1}y = \pi/2$, then value of $\cos^{-1}x + \cos^{-1}y$ is

(a) π/2
(b) π
(c) 0
(d) 2π/3

Therefore, $\cos^{-1}x + \cos^{-1}y = \pi/2$.

47.The domain of $\sin^{-1}(2x)$ is

(a) [0, 1]
(b) [– 1, 1]
(c) [-1/2, 1/2]
(d) [–2, 2]

48. √3 cosec 20°– sec 20° =

a. 2
b. 3
c. 4
d. 1

49. If P(n): $2^n < n!$ then the smallest positive integer for which P(n) is true, is

a. 2
b. 3
c. 4
d. 5

50: XY-plane divides the line joining the points A(2,3,-5) and B(-1,-2,-3) in the ratio

a. 2:1 internally
b. 3:2 externally
c. 5:3 internally
d. 5:3 externally

PHYSICS

51. Uniform circular motion is given by the formula _____

a. V=u+at b.$v^2-u^{2=2AS}$ C.V-U=A d.none

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52. Find the general solution of: ax^2+bx+c

A. $\sin^{-1} y = x + c$
B. $\sin^{-1} y/2 = x + c$
C. $\sin^{-1} y^2 = x + c$
D. None of the above

53. Give an example of motion in two dimensions _____
a. Motion along a straight line in any direction
b. Bird flying
c. A flying kite
d. Projectile motion

54. Motion in a plane is called _____
a. Motion in one dimension
b. Motion in two dimensions
c. Motion in three dimensions
d. Motion in four dimensions

55. Farad is the unit of _____
a. Luminosity
b. Wavelength
c. Permittivity
d .Inertia

56.Dimensions of kinetic energy is the same as that of _____
a. Acceleration
b. Velocity
c. Work
d. Force.

57. AU is the unit of _____
a. Astronomy Unit
b. Astronomical unit
c. Astrological Unit
d. Archaeological Unit

58. The physical Quantity is
a. Mass
b. Time
c. Solid angle
d. Luminosity

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59. The symbol to represent "Amount of Substance" is _____
a. K
b. A
c. Cd
d. Mol

60. among the following is the Supplementary Unit——
a. Mass
b. Time
c. Solid angle
d. Luminosity

61: A car moving with a velocity of 20 ms^{-1} is stopped in a distance of 40 m. If the same car is travelling at double the velocity, the distance travelled by it for the same retardation is

1. a. 640 m
2. b. 320 m
3. c. 1280 m
4. d. 160 m

62.Find the potential energy stored in a ball of mass 5 kg placed at a height of 3 m above the ground.

a. 121.20 J
b. 147.15 J
c. 227.31 J
d. 182.21 J

63.The angle between velocity and acceleration of a particle describing uniform circular motion is

a. 45°
b. 60°
c. 90°
d. 180°

64.The value of acceleration due to gravity at a depth of 1600 km is equal to [Radius of earth = 6400 km]

a. 9.8 ms^{-2}
b. 19.6 ms^{-2}
c. 4.9 ms^{-2}
d. 7.35 ms^{-2}

65.State true or false: According to Equivalence of Mass and Energy, it states that mass and energy are NOT interconvertible.

a. True
b. False

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66.A body of mass 50 kg, is suspended using a spring balance inside a lift at rest. If the lift starts falling freely, the reading of the spring balance is

a. = 50 kg
b. > 50 kg
c. < 50 kg
d. = 0

67.What is the power utilised when work of 1000 J is done in 2 seconds?

a. 100 W
b. 200 W
c. 20 W
d. 500 W

68.Find the potential energy stored in a ball of mass 5 kg placed at a height of 3 m above the ground.

a. 121.20 J
b. 147.15 J
c. 227.31 J
d. 182.21 J

69.The energy possessed by the body by virtue of its motion is known as?

a. Chemical energy
b. Thermal energy
c. Potential energy
d. Kinetic energy

70.A motor pump lifts 6 tones of water from a well of depth 25m to the first floor of height 35 m from the ground floor in 20 minutes. The power of the pump (in kW) is [g = 10 ms^{-2}]

a. 3
b. 6
c. 1.5
d. 12

71.Which one has higher kinetic energy? Both light and heavy bodies have equal momenta.

a. Heavy body
b. Light body
c. Both
d None of the options

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72. 'Hydraulic lift' works on the basis of

a. Stoke's law
b. Toricelli's law
c. Pascal's law
d. Bernoulli's law

73.State true or false: According to Equivalence of Mass and Energy, it states that mass and energy are NOT interconvertible.

a. True
b. False

74.Find the power if the work done is 20j per hour

a. 100 W
b. 200 W
c. 20 W
d. 500 W

75.Find the potential energy stored in a ball of mass 5 kg placed at a height of 3 m above the ground.

a. 121.20 J
b. 147.15 J
c. 227.31 J
d. 182.21 J

76.When the charged particles move in a combined magnetic and electric field, then the force acting is known as _____.

a. Centripetal force
b. Centrifugal force
c. Lorentz force
d. Orbital force

77. The S.I. unit of specific heat capacity is

a. J mol^{-1} K^{-1}
b. J kg^{-1} K^{-1}
c. J K^{-1}
d. J kg

78.Magnetic field at any point inside the straight solenoid is given as———

a. $\mathbf{B} = \mu_0 + nI$
b. $\mathbf{B} = \mu_0 + n + I$
c. $\mathbf{B} = \mu_0 / nI$
d. $\mathbf{B} = \mu_0 nI$

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79.SI unit of the magnetic field is _____.

a. Dyne
b. Ohm
c. Tesla
d. Volt

CHEMISTRY

80. Electrons in the atom are held to the nucleus by

a. Nuclear Force
b. Coulomb's Force
c. Gravitational Force
d. Van Der Waal's Force

81.The electrons of Rutherford's model would be expected to lose energy because

a. They jump on the nucleus
b. They move randomly
c. Radiate electromagnetic waves
d. Escape from the atom

82. When two perfect solutions with volume V each are combined, What is the volume of the solution as a result?

a) V
b) 2V
c) Greater than 2V
d) Less than 2V

83.The heat of solution or mixing has a negative side.

a) Heat of solution
b) Heat of dissolution
c) Heat of reaction
d) Heat of mixing

84. Which of the following possess net dipole moment?

1. a. BF_3
2. b. SO_2
3. c. CO_2
4. d. $BeCl_2$

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85.What effect does temperature have on the half-life of a first-order reaction?

a) It increases
b) It decreases
c) It remains the same
d) Both increases as well as decrease

86 Only a simple homogeneous reaction requires which of the following methods?

a) Integration method
b) Half-life period method
c) Graphical method
d) Ostwald's isolation method

87 In 30 minutes, a first-order reaction is 50% complete. Calculate the amount of time it took to complete 87.5 percent of the reaction.

a) 30 minutes
b) 60 minutes
c) 90 minutes
d) 120 minutes

88.What happens to the size of atoms in p-block elements when we move from left to right in the same period?

a) Size does not change
b) Size increases then decreases
c) Size increases
d) Size decreases

89.Which of the following statements concerning transuranium elements is incorrect?

a) Atomic number > 92
b) Example is Thorium
c) Decay radioactively as they are unstable
d) Elements after Uranium

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90.When copper chips are exposed to concentrated nitric acid, which gas is produced?

a) Nitrogen (III) oxide
c) Nitrogen (I) oxide
b) Nitrogen (IV) oxide
d) Nitrogen (II) oxide

91.The significant figures in 0.00051 are ————.

(a) 5
(c) 2
(b) 3
(d) 26

92. A pure substance which contains only one type of atom is called ————.

(a) An element
(c) a solid
(b) a compound
(d) a liquid93.

93. The number of -bonds and -bonds present in naphthalene are respectively

1. a. 5, 19
2. b. 6, 19
3. c. 5, 20
4. d. 5, 11

94.The radius of an atomic nucleus is of the order of————

(a) 10^{-10} cm
(c)10^{-15} cm
(b) 10^{-13} cm
(d) 10^{-8} cm

95.Which of the following molecules have trigonal planar geometry?

(a) BF_3
(c) PCl_3
(b) NH_3
(d) IF

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96.The elements with atomic numbers 9, 17, 35, 53, 85 are all ————

(a) halogens
(c) alkali earth metals
(b) noble gases
(d) transition metals

97. The number of moles of electron required to reduce 0.2 mole of $Cr_2O_7^{-2}$ to Cr^{+3}

a. 6
c. 0.6
b. 1.2
d. 12

98.For an ideal gas, C_V and C_P are related as :

(a) $C_V - C_P = R$
(c) $C_P - C_V = RT$
(b) $C_V + C_P = R$
(d) $C_P - C_V = R$

99.If liquids A and B form an ideal solution

(a) The entropy of mixing is zero
(b) The free energy of mixing is zero
(c) The free energy as well as the entropy of mixing
(d) The free energy mixing is maximum

100 The vitamin that helps in clotting of blood isa. +6 to +4

(a) C
(C)K
(b) A
(d)B_2

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Date: 8-10-21

2021-22 MODEL FREESHIP QUESTION PAPER Total Marks:100
QUESTION PAPER NAME: ENGINEERING Duration:180 Min

NAME OF THE STUDENT: Mohini Satyamshi FREESHIP NO: AVIH2021130

82

1.The centre of the circle $4x^2 + 4y^2 - 8x + 12y - 25 = 0$ is

a. (-2, 3)
b. (1, -3/2)
c. (-4, 6)
d. (4, -6)

2.The parametric equation of the parabola $y^2 = 4ax$ is

a. x = at; y = 2at
b. $x = at^2$; y = 2at
c. $x = at^2$; y = 4at
d. $x = at^2$; $y^2 = at^3$

3.Two lines are said to be parallel if the difference of their slope is

a. -1
b. 0
c. 1
d. None of these

4.What is the distance of (5, 12) from the origin?

a. 5units
b. 8 units
c.12 units
d.13 units

5.The largest coefficient in the expansion of $(1+x)^{10}$ is:

a. $10! / (5!)^2$
b. 10! / 5!
c. $10! / (5!\times4!)^2$
d. $10! / (5!\times4!)$

6.If n is even in the expansion of $(a+b)^n$, the middle term is:

a. n^{th} term
b. $(n/2)^{th}$ term
c. $[(n/2)-1]^{th}$ term
d. $[(n/2)+1]^{th}$ term

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7.The value of $(126)^{1/3}$ up to three decimal places is

a. 5.011
b. 5.012
c. 5.013
d. 5.014

8.The number of squares that can be formed on a chessboard is

a. 64
b. 160
c. 204
d. 224

9.If $^nP_5 = 60\ ^{n-1}P_3$, the value of n is

a. 6
b. 10
c. 12
d. 16

10.Number of solutions of the equation $z^2 + |z|^2 = 0$ is

(a) 1
(b) 2
(c) 3
(d) infinitely many

11. If 1 – i, is a root of the equation $x^2 + ax + b = 0$, where a, b R, then the value of a – b is

(a) -4
(b) 0
(c) 2
(d) 1

12.For any natural number n, $2^{2n} - 1$ is divisible by

(a) 2
(b) 3
(c) 4
(d) 5.

13.If tan A = 1/2 and tan B = 1/3, then the value of A + B is

(a) $\pi/6$
(b) π
(c) 0
(d) $\pi/4$

14.If sin θ and cos θ are the roots of $ax^2 - bx + c = 0$, then the relation between a, b and c will be

(a) $a^2 + b^2 + 2ac = 0$
(b) $a^2 - b^2 + 2ac = 0$
(c) $a^2 + c^2 + 2ab = 0$
(d) $a^2 - b^2 - 2ac = 0$

15 .If $f(x) = x^2 + 2$, $x \in R$, then the range of f(x) is

(

a) $[2, \infty)$

(b) $(-\infty, 2]$

(c) $(2, \infty)$

(d) $(-\infty, 2) \cup (2, \infty)$

16.What will be the domain for which the functions $f(x) = 2x^2 - 1$ and $g(x) = 1 - 3x$ are equal?

(a) {-2, 1}

(b) {1/2, -2}

(c) [2, 12]

(d) {-2,1/2}

17: Acute angle between the line (x-5)/2 = (y+1)/-1 = (z+4)/1 and the plane 3x-4y-z+5 = 0 is:

a. $\cos^{-1}(9/\sqrt{364})$.

b. $\sin^{-1}(9/\sqrt{364})$

c. $\cos^{-1}(5/2\sqrt{13})$

d. $\sin^{-1}(5/2\sqrt{13})$

18: The distance of the point (1,2,1) form the line (x-1)/2 = (y-2)/1 = (z-3)/2 is

a. $2\sqrt{3}/5$

b. $2\sqrt{5}/3$

c. $\sqrt{5}/3$

d. 20/3

19.The maximum number of equivalence relations on the set A = {1, 2, 3} are

(a) 1

(b) 2

(c) 3

(d) 5

20.Events A and B are said to be mutually exclusive if:

A. P(AUB)=PA.+PB.

B. $P(A \cap B) = PA. \times PB.$

C. P(AUB)=0

D. None of these

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21. What is the probability of getting the number 6 at least once in a regular die if it can roll it 6 times?

A. $1 - (5/6)^6$

B. $1 - (1/6)^6$

C. $(5/6)^6$

D. $(1/6)^6$

22. A bag contains 5 brown and 4 white socks. Ram pulls out two socks. What is the probability that both the socks are of the same colour?

A. 9/20

B. 2/9

C. 3/20

D. 4/9

23. If the variance of the data is 121, the standard deviation of the data is:

(a) 121

(b) 11

(c) 12

(d) 21

24. Relation between mean, median and mode is given by:

(a) Mode = 2 Median – 3 Mean

(b) Mode = 2 Median + 3 Mean

(c) Mode = 3 Median – 2 Mean

(d) Mode = 3 Median + 2 Mean

25.Which of the following is not a statement?

(a) Smoking is injurious to health.

(b) 2 + 2 = 4

(c) 2 is the only even prime number.

(d) Come here.

26.Which of the following is a statement?

(a) Roses are black.

(b) Mind your own business.

(c) Be punctual.

(d) Do not tell lies.

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27.The derivative of $x^2 \cos x$ is

(a) $2x \sin x - x^2 \sin x$
(b) $2x \cos x - x^2 \sin x$
(c) $2x \sin x - x^2 \cos x$
(d) $\cos x - x^2 \sin x \cos x$

28.The centre of the circle $4x^2 + 4y^2 - 8x + 12y - 25 = 0$ is

(a) (-2, 3)
(b) (1, -3/2)
(c) (-4, 6)
(d) (4, -6)

29.Solution of differential equation x.dy – y.dx = Q

A. a rectangular hyperbola
B. parabola whose vertex is at the origin
C. straight line passing through the origin
D. a circle whose centre is at the origin

30.What is the differential equation of the family of circles touching the y-axis at the origin?

A. $2xyy' + x^2 = y^2$
B. $2xyy'' + x' = y^2$
C. $2xyy' - x^2 = y^2$
D. $xyy' + x^2 = y^2$

31.The number of arbitrary constants in the particular solution of a differential equation of third order is:

A. 3
B. 2
C. 1
D. 0

32.Find the degree of the differential equation: (1+□□□□)3=(□□□□)2

A. 0
B. 1
C. 2
D. 3

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33. If $\int 2^x dx = f(x) + C$, then f(x) is

a. 2^x
b. $2^x \log_e 2$
c. $2^x / \log_e 2$
d. $2^{x+1}/x+1$

34. $\int^2 (x^2 + 3)dx$ equals

a.24/3
b.25/3
c.26/3
d.None of the above

35.The area of a triangle with vertices (–3, 0), (3, 0) and (0, k) is 9 sq. units. The value of k will be

(a) 9
(b) 3
(c) -9
(d) 6

36.If x sin(a+y) = sin y, then dy/dx is equal to

a. $[\sin^2(a+y)]/\sin a$
b. $\sin a /[\sin^2(a+y)]$
c. $[\sin(a+y)]/\sin a$
d. $\sin a /[\sin(a+y)]$

37.The function f(x) = [ln(1+ax)-ln(1-bx)]/x, not defined at x=0. The value should be assigned to f at x=0, so that it is continuous at x =0, is

a. a+b
b. a-b
c. b-a
d. ln a + ln b

38.If $y = ax^2+b$, then dy/dx at x = 2 is equal to

a. 2a
b.3a
c.4a
d. None of these

39.The value of c in Rolle's theorem for the function, f(x) = sin 2x in [0, π/2] is

a.π/4
b.π/6
c.π/2
d.π/3

40) If $x = t^2$, $y = t^3$, then d^2y/dx^2 =

a. 3/2
b. 3/4t
c. 3/2t
d. 3t/2

41. If A is a square matrix of order 3 and |A| = 5, then the value of |2A'| is

(a) -10
(b) 10
(c) -40
(d) 40

42.If [2𝑝+𝑞−2𝑟5𝑝−𝑞4𝑟+3𝑠]=[4−31124], then the value of p + q − r + 2s is

(a) 8
(b) 10
(c) 4
(d) -8

43.If A and B are two matrices of the order 3 × m and 3 × n, respectively, and m = n, then the order of matrix (5A – 2B) is

(a) m × 3
(b) 3 × 3
(c) m × n
(d) 3 × n

44.The value of the expression sin [$\cot^{-1}$ (cos ($\tan^{-1}$ 1))] is

(a) 0
(b) 1
(c) $1/\sqrt{3}$
(d) $\sqrt{(2/3)}$

45.Which of the following is the principal value branch of $\cos^{-1}x$?

(a) $[-\pi/2, \pi/2]$
(b) $(0, \pi)$
(c) $[0, \pi]$
(d) $(0, \pi) - \{\pi/2\}$

46.If $\sin^{-1}x + \sin^{-1}y = \pi/2$, then value of $\cos^{-1}x + \cos^{-1}y$ is

(a) $\pi/2$
(b) π
(c) 0
(d) $2\pi/3$

Therefore, $\cos^{-1}x + \cos^{-1}y = \pi/2$.

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47.The domain of $\sin^{-1}(2x)$ is

(a) [0, 1]
(b) [– 1, 1]
(c) [-1/2, 1/2]
(d) [–2, 2]

48. $\sqrt{3}$ cosec 20°– sec 20° =

a. 2
b. 3
c. 4
d. 1

49. If P(n): $2^n < n!$ then the smallest positive integer for which P(n) is true, is

a. 2
b. 3
c. 4
d. 5

50: XY-plane divides the line joining the points A(2,3,-5) and B(-1,-2,-3) in the ratio

a. 2:1 internally
b. 3:2 externally
c. 5:3 internally
d. 5:3 externally

PHYSICS

51. Uniform circular motion is given by the formula _____

a. V=u+at
b. $v^2-u^2=2as$
C. V-U=A
d.none

52. Find the general solution of: ax^2+bx+c

A. $\sin^{-1}y = x + c$
B. $\sin^{-1}y/2 = x + c$
C. $\sin^{-1}y^2 = x + c$
D. None of the above

53. Give an example of motion in two dimensions _____
   a. Motion along a straight line in any direction
   b. Bird flying
   c. A flying kite
   d. Projectile motion

54. Motion in a plane is called _____
   a. Motion in one dimension
   b. Motion in two dimensions
   c. Motion in three dimensions
   d. Motion in four dimensions

55. Farad is the unit of _____
   a. Luminosity
   b. Wavelength
   c. Permittivity
   d .Inertia

56.Dimensions of kinetic energy is the same as that of _____
   a. Acceleration
   b. Velocity
   c. Work
   d. Force.

57. AU is the unit of _____
   a. Astronomy Unit
   b. Astronomical unit
   c. Astrological Unit
   d. Archaeological Unit

58. The physical Quantity is
   a. Mass
   b. Time
   c. Solid angle
   d. Luminosity

59. The symbol to represent "Amount of Substance" is _____
   a. K
   b. A
   c. Cd
   d. Mol

60. among the following is the Supplementary Unit——
   a. Mass
   b. Time
   c. Solid angle
   d. Luminosity

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61: A car moving with a velocity of 20 ms^{-1} is stopped in a distance of 40 m. If the same car is travelling at double the velocity, the distance travelled by it for the same retardation is

1. a. 640 m
2. b. 320 m
3. c. 1280 m
4. d. 160 m

62.Find the potential energy stored in a ball of mass 5 kg placed at a height of 3 m above the ground.

a. 121.20 J
b. 147.15 J
c. 227.31 J
d. 182.21 J

63.The angle between velocity and acceleration of a particle describing uniform circular motion is

a. 45°
b. 60°
c. 90°
d. 180°

64.The value of acceleration due to gravity at a depth of 1600 km is equal to [Radius of earth = 6400 km]

a. 9.8 ms^{-2}
b. 19.6 ms^{-2}
c. 4.9 ms^{-2}
d. 7.35 ms^{-2}

65.State true or false: According to Equivalence of Mass and Energy, it states that mass and energy are NOT interconvertible.

a. True
b. False

66.A body of mass 50 kg, is suspended using a spring balance inside a lift at rest. If the lift starts falling freely, the reading of the spring balance is

a. = 50 kg
b. > 50 kg
c. < 50 kg
d. = 0

67.What is the power utilised when work of 1000 J is done in 2 seconds?

a. 100 W
b. 200 W
c. 20 W
d. 500 W

68.Find the potential energy stored in a ball of mass 5 kg placed at a height of 3 m above the ground.

a. 121.20 J
b. 147.15 J
c. 227.31 J
d. 182.21 J

69.The energy possessed by the body by virtue of its motion is known as?

a. Chemical energy
b. Thermal energy
c. Potential energy
d. Kinetic energy

70.A motor pump lifts 6 tones of water from a well of depth 25m to the first floor of height 35 m from the ground floor in 20 minutes. The power of the pump (in kW) is [g = 10 ms^{-2}]

a. 3
b. 6
c. 1.5
d. 12

71.Which one has higher kinetic energy? Both light and heavy bodies have equal momenta.

a. Heavy body
b. Light body
c. Both
d None of the options

72. 'Hydraulic lift' works on the basis of

a. Stoke's law
b. Toricelli's law
c. Pascal's law
d. Bernoulli's law

73.State true or false: According to Equivalence of Mass and Energy, it states that mass and energy are NOT interconvertible.

a. True
b. False

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74.Find the power if the work done is 20j per hour

a. 100 W
b. 200 W
c. 20 W
d. 500 W

75.Find the potential energy stored in a ball of mass 5 kg placed at a height of 3 m above the ground.

a. 121.20 J
b. 147.15 J
c. 227.31 J
d. 182.21 J

76.When the charged particles move in a combined magnetic and electric field, then the force acting is known as _____.

a. Centripetal force
b. Centrifugal force
c. Lorentz force
d. Orbital force

77. The S.I. unit of specific heat capacity is

a. J mol^{-1} K^{-1}
b. J kg^{-1} K^{-1}
c. J K^{-1}
d. J kg

78.Magnetic field at any point inside the straight solenoid is given as_____

a. $\mathbf{B} = \mu_0 + nI$
b. $\mathbf{B} = \mu_0 + n + I$
c. $\mathbf{B} = \mu_0 / nI$
d. $\mathbf{B} = \mu_0 nI$

79.SI unit of the magnetic field is _____.

a. Dyne
b. Ohm
c. Tesla
d. Volt

CHEMISTRY

80. Electrons in the atom are held to the nucleus by

a. Nuclear Force
b. Coulomb's Force
c. Gravitational Force
d. Van Der Waal's Force

81.The electrons of Rutherford's model would be expected to lose energy because

a. They jump on the nucleus
b. They move randomly
c. Radiate electromagnetic waves
d. Escape from the atom

82. When two perfect solutions with volume V each are combined, What is the volume of the solution as a result?

a) V
b) 2V
c) Greater than 2V
d) Less than 2V

83.The heat of solution or mixing has a negative side.

a) Heat of solution
b) Heat of dissolution
c) Heat of reaction
d) Heat of mixing

84. Which of the following possess net dipole moment?

1. a. BF_3
2. b. SO_2
3. c. CO_2
4. d. $BeCl_2$

85.What effect does temperature have on the half-life of a first-order reaction?

a) It increases
b) It decreases
c) It remains the same
d) Both increases as well as decrease

86 Only a simple homogeneous reaction requires which of the following methods?

a) Integration method
b) Half-life period method
c) Graphical method
d) Ostwald's isolation method

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87 In 30 minutes, a first-order reaction is 50% complete. Calculate the amount of time it took to complete 87.5 percent of the reaction.

a) 30 minutes
b) 60 minutes
c) 90 minutes
d) 120 minutes

88.What happens to the size of atoms in p-block elements when we move from left to right in the same period?

a) Size does not change
b) Size increases then decreases
c) Size increases
d) Size decreases

89.Which of the following statements concerning transuranium elements is incorrect?

a) Atomic number > 92
b) Example is Thorium
c) Decay radioactively as they are unstable
d) Elements after Uranium

90.When copper chips are exposed to concentrated nitric acid, which gas is produced?

a) Nitrogen (III) oxide
b) Nitrogen (IV) oxide
c) Nitrogen (I) oxide
d) Nitrogen (II) oxide

91.The significant figures in 0.00051 are ———.

(a) 5
(b) 3
(c) 2
(d) 26

92. A pure substance which contains only one type of atom is called ———.

(a) An element
(b) a compound
(c) a solid
(d) a liquid93.

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93. The number of -bonds and -bonds present in naphthalene are respectively

1. a. 5, 19
2. b. 6, 19
3. c. 5, 20
4. d. 5, 11

94.The radius of an atomic nucleus is of the order of————

(a) 10^{-10} cm
(b) 10^{-13} cm
(c) 10^{-15} cm
(d) 10^{-8} cm

95.Which of the following molecules have trigonal planar geometry?

(a) BF_3
(b) NH_3
(c) PCl_3
(d) IF

96.The elements with atomic numbers 9, 17, 35, 53, 85 are all ————

(a) halogens
(b) noble gases
(c) alkali earth metals
(d) transition metals

97. The number of moles of electron required to reduce 0.2 mole of $Cr_2O_7^{-2}$ to Cr^{+3}

a. 6
b. 1.2
c. 0.6
d. 12

98.For an ideal gas, C_V and C_P are related as :

(a) $C_V - C_P = R$
(b) $C_V + C_P = R$
(c) $C_P - C_V = RT$
(d) $C_P - C_V = R$

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99.If liquids A and B form an ideal solution

(a) The entropy of mixing is zero
(b) The free energy of mixing is zero
(c) The free energy as well as the entropy of mixing
(d) The free energy mixing is maximum

100 The vitamin that helps in clotting of blood isa. +6 to +4

(a) C
(b) A
(C)K
(d)B_2

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Date: 16/10/21

2021-22 MODEL FREESHIP QUESTION PAPER Total Marks:100
QUESTION PAPER NAME: ENGINEERING Duration:180 Min

NAME OF THE STUDENT: Basani Payan **FREESHIP NO:** AVIH2021086

1.The centre of the circle $4x^2 + 4y^2 - 8x + 12y - 25 = 0$ is

a. (-2, 3)
b. (1, -3/2)
c. (-4, 6)
d. (4, -6)

2.The parametric equation of the parabola $y^2 = 4ax$ is

a. $x = at; y = 2at$
b. $x = at^2; y = 2at$
c. $x = at^2; y = 4at$
d. $x = at^2; y^2 = at^3$

3.Two lines are said to be parallel if the difference of their slope is

a. -1
b. 0
c. 1
d. None of these

4.What is the distance of (5, 12) from the origin?

a. 5units
b. 8 units
c.12 units
d.13 units

5.The largest coefficient in the expansion of $(1+x)^{10}$ is:

a. $10! / (5!)^2$
b. $10! / 5!$
c. $10! / (5!\times4!)^2$
d. $10! / (5!\times4!)$

6.If n is even in the expansion of $(a+b)^n$, the middle term is:

a. n^{th} term
b. $(n/2)^{th}$ term
c. $[(n/2)-1]^{th}$ term
d. $[(n/2)+1]^{th}$ term

7.The value of $(126)^{1/3}$ up to three decimal places is

a. 5.011
b. 5.012
c. 5.013
d. 5.014

8.The number of squares that can be formed on a chessboard is

a. 64
b. 160
c. 204
d. 224

9.If $^nP_5 = 60\ ^{n-1}P_3$, the value of n is

a. 6
b. 10
c. 12
d. 16

10.Number of solutions of the equation $z^2 + |z|^2 = 0$ is

(a) 1
(b) 2
(c) 3
(d) infinitely many

11. If $1 - i$, is a root of the equation $x^2 + ax + b = 0$, where a, b R, then the value of $a - b$ is

(a) -4
(b) 0
(c) 2
(d) 1

12.For any natural number n, $2^{2n} - 1$ is divisible by

(a) 2
(b) 3
(c) 4
(d) 5

13.If tan A = 1/2 and tan B = 1/3, then the value of A + B is

(a) $\pi/6$
(b) π
(c) 0
(d) $\pi/4$

14.If sin θ and cos θ are the roots of $ax^2 - bx + c = 0$, then the relation between a, b and c will be

(a) $a^2 + b^2 + 2ac = 0$
(b) $a^2 - b^2 + 2ac = 0$
(c) $a^2 + c^2 + 2ab = 0$
(d) $a^2 - b^2 - 2ac = 0$

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15 .If $f(x) = x^2 + 2$, $x \in R$, then the range of f(x) is

(
a) $[2, \infty)$
(b) $(-\infty, 2]$
(c) $(2, \infty)$
(d) $(-\infty, 2) \cup (2, \infty)$

16.What will be the domain for which the functions $f(x) = 2x^2 - 1$ and $g(x) = 1 - 3x$ are equal?

(a) {-2, 1}
(b) {1/2, -2}
(c) [2, 12]
(d) {-2,1/2}

17: Acute angle between the line (x-5)/2 = (y+1)/-1 = (z+4)/1 and the plane 3x-4y-z+5 = 0 is:

a. $\cos^{-1}(9/\sqrt{364})$
b. $\sin^{-1}(9/\sqrt{364})$
c. $\cos^{-1}(5/2\sqrt{13})$
d. $\sin^{-1}(5/2\sqrt{13})$

18: The distance of the point (1,2,1) form the line (x-1)/2 = (y-2)/1 = (z-3)/2 is

a. $2\sqrt{3}/5$
b. $2\sqrt{5}/3$
c. $\sqrt{5}/3$
d. 20/3

19.The maximum number of equivalence relations on the set A = {1, 2, 3} are

(a) 1
(b) 2
(c) 3
(d) 5

20.Events A and B are said to be mutually exclusive if:

A. P(AUB)=PA.+PB.
B. $P(A \cap B)=PA.\times PB.$
C . P(AUB)=0
D. None of these

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21. What is the probability of getting the number 6 at least once in a regular die if it can roll it 6 times?

A. $1 - (5/6)^6$
B. $1 - (1/6)^6$
C. $(5/6)^6$
D. $(1/6)^6$

22. A bag contains 5 brown and 4 white socks. Ram pulls out two socks. What is the probability that both the socks are of the same colour?

A. 9/20
B. 2/9
C. 3/20
D. 4/9

23. If the variance of the data is 121, the standard deviation of the data is:

(a) 121
(b) 11
(c) 12
(d) 21

24. Relation between mean, median and mode is given by:

(a) Mode = 2 Median – 3 Mean
(b) Mode = 2 Median + 3 Mean
(c) Mode = 3 Median – 2 Mean
(d) Mode = 3 Median + 2 Mean

25.Which of the following is not a statement?

(a) Smoking is injurious to health.
(b) 2 + 2 = 4
(c) 2 is the only even prime number.
(d) Come here.

26.Which of the following is a statement?

(a) Roses are black.
(b) Mind your own business.
(c) Be punctual.
(d) Do not tell lies.

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27.The derivative of $x^2 \cos x$ is

(a) $2x \sin x - x^2 \sin x$
(b) $2x \cos x - x^2 \sin x$
(c) $2x \sin x - x^2 \cos x$
(d) $\cos x - x^2 \sin x \cos x$

28.The centre of the circle $4x^2 + 4y^2 - 8x + 12y - 25 = 0$ is

(a) (-2, 3)
(b) (1, -3/2)
(c) (-4, 6)
(d) (4, -6)

29.Solution of differential equation x.dy – y.dx = Q

A. a rectangular hyperbola
B. parabola whose vertex is at the origin
C. straight line passing through the origin
D. a circle whose centre is at the origin

30.What is the differential equation of the family of circles touching the y-axis at the origin?

A. $2xyy' + x^2 = y^2$
B. $2xyy'' + x' = y^2$
C. $2xyy' - x^2 = y^2$
D. $xyy' + x^2 = y^2$

31.The number of arbitrary constants in the particular solution of a differential equation of third order is:

A. 3
B. 2
C. 1
D. 0

32.Find the degree of the differential equation: (1+□□□□)3=(□□□□)2

A. 0
B. 1
C. 2
D. 3

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33. If $\int 2^x dx = f(x) + C$, then f(x) is

a. 2^x
b. $2^x \log_e 2$
c. $2^x / \log_e 2$
d. $2^{x+1}/x+1$

34. $\int^2 (x^2 + 3)dx$ equals

a.24/3
b.25/3
c.26/3
d.None of the above

35.The area of a triangle with vertices (–3, 0), (3, 0) and (0, k) is 9 sq. units. The value of k will be

(a) 9
(b) 3
(c) -9
(d) 6

36.If x sin(a+y) = sin y, then dy/dx is equal to

a. $[\sin^2(a+y)]/\sin a$
b. $\sin a /[\sin^2(a+y)]$
c. $[\sin(a+y)]/\sin a$
d. $\sin a /[\sin(a+y)]$

37.The function f(x) = [ln(1+ax)-ln(1-bx)]/x, not defined at x=0. The value should be assigned to f at x=0, so that it is continuous at x =0, is

a. a+b
b. a-b
c. b-a
d. ln a + ln b

38.If $y = ax^2+b$, then dy/dx at x = 2 is equal to

a. 2a
b.3a
c.4a
d. None of these

39.The value of c in Rolle's theorem for the function, f(x) = sin 2x in [0, π/2] is

a.π/4
b.π/6
c.π/2
d.π/3

40) If $x = t^2$, $y = t^3$, then d^2y/dx^2 =

a. 3/2
b. 3/4t
c. 3/2t
d. 3t/2

41. If A is a square matrix of order 3 and |A| = 5, then the value of |2A'| is

(a) -10
(b) 10
(c) -40
(d) 40

42.If [2𝑝+𝑞 𝑟−2𝑠 5𝑟 −𝑞 4𝑝+3𝑠]=[4−31124], then the value of p + q – r + 2s is

(a) 8
(b) 10
(c) 4
(d) -8

43.If A and B are two matrices of the order 3 × m and 3 × n, respectively, and m = n, then the order of matrix (5A – 2B) is

(a) m × 3
(b) 3 × 3
(c) m × n
(d) 3 × n

44.The value of the expression sin [$\cot^{-1}$ (cos ($\tan^{-1}$ 1))] is

(a) 0
(b) 1
(c) $1/\sqrt{3}$
(d) $\sqrt{(2/3)}$

45.Which of the following is the principal value branch of $\cos^{-1}x$?

(a) $[-\pi/2, \pi/2]$
(b) $(0, \pi)$
(c) $[0, \pi]$
(d) $(0, \pi) - \{\pi/2\}$

46.If $\sin^{-1}x + \sin^{-1}y = \pi/2$, then value of $\cos^{-1}x + \cos^{-1}y$ is

(a) $\pi/2$
(b) π
(c) 0
(d) $2\pi/3$

Therefore, $\cos^{-1}x + \cos^{-1}y = \pi/2$.

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47.The domain of $\sin^{-1}(2x)$ is

(a) [0, 1]
(b) [– 1, 1]
(c) [-1/2, 1/2]
(d) [–2, 2]

48. $\sqrt{3}$ cosec 20°– sec 20° =

a. 2
b. 3
c. 4
d. 1

49. If P(n): $2^n < n!$ then the smallest positive integer for which P(n) is true, is

a. 2
b. 3
c. 4
d. 5

50: XY-plane divides the line joining the points A(2,3,-5) and B(-1,-2,-3) in the ratio

a. 2:1 internally
b. 3:2 externally
c. 5:3 internally
d. 5:3 externally

PHYSICS

51. Uniform circular motion is given by the formula _____

a. V=u+at
b. $v^2-u^2=2AS$
C.V-U=A
d.none

52. Find the general solution of: ax^2+bx+c

A. $\sin^{-1} y = x + c$
B. $\sin^{-1} y/2 = x + c$
C. $\sin^{-1} y^2 = x + c$
D. None of the above

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53. Give an example of motion in two dimensions _____
   a. Motion along a straight line in any direction
   b. Bird flying
   c. A flying kite
   d. Projectile motion

54. Motion in a plane is called _____
   a. Motion in one dimension
   b. Motion in two dimensions
   c. Motion in three dimensions
   d. Motion in four dimensions

55. Farad is the unit of _____
   a. Luminosity
   b. Wavelength
   c. Permittivity
   d .Inertia

56.Dimensions of kinetic energy is the same as that of _____
   a. Acceleration
   b. Velocity
   c. Work
   d. Force.

57. AU is the unit of _____
   a. Astronomy Unit
   b. Astronomical unit
   c. Astrological Unit
   d. Archaeological Unit

58. The physical Quantity is
   a. Mass
   b. Time
   c. Solid angle
   d. Luminosity

59. The symbol to represent "Amount of Substance" is _____
   a. K
   b. A
   c. Cd
   d. Mol

60. among the following is the Supplementary Unit——
   a. Mass
   b. Time
   c. Solid angle
   d. Luminosity

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61: A car moving with a velocity of 20 ms^{-1} is stopped in a distance of 40 m. If the same car is travelling at double the velocity, the distance travelled by it for the same retardation is

1. a. 640 m
2. b. 320 m
3. c. 1280 m
4. d. 160 m

62.Find the potential energy stored in a ball of mass 5 kg placed at a height of 3 m above the ground.

a. 121.20 J
b. 147.15 J
c. 227.31 J
d. 182.21 J

63.The angle between velocity and acceleration of a particle describing uniform circular motion is

a. 45°
b. 60°
c. 90°
d. 180°

64.The value of acceleration due to gravity at a depth of 1600 km is equal to [Radius of earth = 6400 km]

a. 9.8 ms^{-2}
b. 19.6 ms^{-2}
c. 4.9 ms^{-2}
d. 7.35 ms^{-2}

65.State true or false: According to Equivalence of Mass and Energy, it states that mass and energy are NOT interconvertible.

a. True
b. False

66.A body of mass 50 kg, is suspended using a spring balance inside a lift at rest. If the lift starts falling freely, the reading of the spring balance is

a. = 50 kg
b. > 50 kg
c. < 50 kg
d. = 0

67. What is the power utilised when work of 1000 J is done in 2 seconds?

a. 100 W
b. 200 W
c. 20 W
d. 500 W

68. Find the potential energy stored in a ball of mass 5 kg placed at a height of 3 m above the ground.

a. 121.20 J
b. 147.15 J
c. 227.31 J
d. 182.21 J

69. The energy possessed by the body by virtue of its motion is known as?

a. Chemical energy
b. Thermal energy
c. Potential energy
d. Kinetic energy

70. A motor pump lifts 6 tones of water from a well of depth 25m to the first floor of height 35 m from the ground floor in 20 minutes. The power of the pump (in kW) is [g = 10 ms^{-2}]

a. 3
b. 6
c. 1.5
d. 12

71. Which one has higher kinetic energy? Both light and heavy bodies have equal momenta.

a. Heavy body
b. Light body
c. Both
d None of the options

72. 'Hydraulic lift' works on the basis of

a. Stoke's law
b. Toricelli's law
c. Pascal's law
d. Bernoulli's law

73. State true or false: According to Equivalence of Mass and Energy, it states that mass and energy are NOT interconvertible.

a. True
b. False

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74. Find the power if the work done is 20j per hour

a. 100 W
b. 200 W
c. 20 W
d. 500 W

75. Find the potential energy stored in a ball of mass 5 kg placed at a height of 3 m above the ground.

a. 121.20 J
b. 147.15 J
c. 227.31 J
d. 182.21 J

76. When the charged particles move in a combined magnetic and electric field, then the force acting is known as _____.

a. Centripetal force
b. Centrifugal force
c. Lorentz force
d. Orbital force

77. The S.I. unit of specific heat capacity is

a. J mol^{-1} K^{-1}
b. J kg^{-1} K^{-1}
c. J K^{-1}
d. J kg

78. Magnetic field at any point inside the straight solenoid is given as_____

a. $\mathbf{B} = \mu_0 + nI$
b. $\mathbf{B} = \mu_0 + n + I$
c. $\mathbf{B} = \mu_0 / nI$
d. $\mathbf{B} = \mu_0 nI$

79. SI unit of the magnetic field is _____.

a. Dyne
b. Ohm
c. Tesla
d. Volt

CHEMISTRY

80. Electrons in the atom are held to the nucleus by

a. Nuclear Force
b. Coulomb's Force
c. Gravitational Force
d. Van Der Waal's Force

81.The electrons of Rutherford's model would be expected to lose energy because

a. They jump on the nucleus
b. They move randomly
c. Radiate electromagnetic waves
d. Escape from the atom

82. When two perfect solutions with volume V each are combined, What is the volume of the solution as a result?

a) V
b) 2V
c) Greater than 2V
d) Less than 2V

83.The heat of solution or mixing has a negative side.

a) Heat of solution
b) Heat of dissolution
c) Heat of reaction
d) Heat of mixing

84. Which of the following possess net dipole moment?

1. a. BF_3
2. b. SO_2
3. c. CO_2
4. d. $BeCl_2$

85.What effect does temperature have on the half-life of a first-order reaction?

a) It increases
b) It decreases
c) It remains the same
d) Both increases as well as decrease

86 Only a simple homogeneous reaction requires which of the following methods?

a) Integration method
b) Half-life period method
c) Graphical method
d) Ostwald's isolation method

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87 In 30 minutes, a first-order reaction is 50% complete. Calculate the amount of time it took to complete 87.5 percent of the reaction.

a) 30 minutes
b) 60 minutes
c) 90 minutes
d) 120 minutes

88.What happens to the size of atoms in p-block elements when we move from left to right in the same period?

a) Size does not change
b) Size increases then decreases
c) Size increases
d) Size decreases

89.Which of the following statements concerning transuranium elements is incorrect?

a) Atomic number > 92
b) Example is Thorium
c) Decay radioactively as they are unstable
d) Elements after Uranium

90.When copper chips are exposed to concentrated nitric acid, which gas is produced?

a) Nitrogen (III) oxide
b) Nitrogen (IV) oxide
c) Nitrogen (I) oxide
d) Nitrogen (II) oxide

91.The significant figures in 0.00051 are ————.

(a) 5
(b) 3
(c) 2
(d) 26

92. A pure substance which contains only one type of atom is called ————.

(a) An element
(b) a compound
(c) a solid
(d) a liquid93.

93. The number of -bonds and -bonds present in naphthalene are respectively

1. a. 5, 19
2. b. 6, 19
3. c. 5, 20
4. d. 5, 11

94.The radius of an atomic nucleus is of the order of————

(a) 10^{-10} cm
(b) 10^{-13} cm
(c) 10^{-15} cm
(d) 10^{-8} cm

95.Which of the following molecules have trigonal planar geometry?

(a) BF_3
(b) NH_3
(c) PCl_3
(d) IF

96.The elements with atomic numbers 9, 17, 35, 53, 85 are all ———

(a) halogens
(b) noble gases
(c) alkali earth metals
(d) transition metals

97. The number of moles of electron required to reduce 0.2 mole of $Cr_2O_7^{-2}$ to Cr^{+3}

a. 6
b. 1.2
c. 0.6
d. 12

98.For an ideal gas, C_V and C_P are related as :

(a) $C_V - C_P = R$
(b) $C_V + C_P = R$
(c) $C_P - C_V = RT$
(d) $C_P - C_V = R$

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99.If liquids A and B form an ideal solution

(a) The entropy of mixing is zero
(b) The free energy of mixing is zero
(c) The free energy as well as the entropy of mixing
(d) The free energy mixing is maximum

100 The vitamin that helps in clotting of blood isa. +6 to +4

(a) C
(b) A
(c) K
(d) B_2

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Date: 8-10-21

2021-22 MODEL FREESHIP QUESTION PAPER Total Marks:100
QUESTION PAPER NAME: ENGINEERING Duration:180 Min

NAME OF THE STUDENT: B. Swetha **FREESHIP NO:** AVIH202206

85

1.The centre of the circle $4x^2 + 4y^2 - 8x + 12y - 25 = 0$ is

a. (-2, 3)
b. (1, -3/2)
c. (-4, 6)
d. (4, -6)

2.The parametric equation of the parabola $y^2 = 4ax$ is

a. $x = at; y = 2at$
b. $x = at^2; y = 2at$
c. $x = at^2; y = 4at$
d. $x = at^2; y^2 = at^3$

3.Two lines are said to be parallel if the difference of their slope is

a. -1
b. 0
c. 1
d. None of these

4.What is the distance of (5, 12) from the origin?

a. 5units
b. 8 units
c.12 units
d.13 units

5.The largest coefficient in the expansion of $(1+x)^{10}$ is:

a. $10! / (5!)^2$
b. $10! / 5!$
c. $10! / (5!\times4!)^2$
d. $10! / (5!\times4!)$

6.If n is even in the expansion of $(a+b)^n$, the middle term is:

a. n^{th} term
b. $(n/2)^{th}$ term
c. $[(n/2)-1]^{th}$ term
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7.The value of $(126)^{1/3}$ up to three decimal places is

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b. 5.012
c. 5.013
d. 5.014

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a. 64
b. 160
c. 204
d. 224

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a. 6
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d. 16

10.Number of solutions of the equation $z^2 + |z|^2 = 0$ is

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(c) 3
(d) infinitely many

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(a) -4
(b) 0
(c) 2
(d) 1

12.For any natural number n, $2^{2n} - 1$ is divisible by

(a) 2
(b) 3
(c) 4
(d) 5

13.If tan A = 1/2 and tan B = 1/3, then the value of A + B is

(a) $\pi/6$
(b) π
(c) 0
(d) $\pi/4$

14.If sin θ and cos θ are the roots of $ax^2 - bx + c = 0$, then the relation between a, b and c will be

(a) $a^2 + b^2 + 2ac = 0$
(b) $a^2 - b^2 + 2ac = 0$
(c) $a^2 + c^2 + 2ab = 0$
(d) $a^2 - b^2 - 2ac = 0$

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15 .If $f(x) = x^2 + 2$, $x \in R$, then the range of f(x) is

(

a) $[2, \infty)$

(c) $(2, \infty)$

(b) $(-\infty, 2]$

(d) $(-\infty, 2) \cup (2, \infty)$

16.What will be the domain for which the functions $f(x) = 2x^2 - 1$ and $g(x) = 1 - 3x$ are equal?

(a) {-2, 1}

(c) [2, 12]

(b) {1/2, -2}

(d) {-2,1/2}

17: Acute angle between the line (x-5)/2 = (y+1)/-1 = (z+4)/1 and the plane 3x-4y-z+5 = 0 is:

a. $\cos^{-1}(9/\sqrt{364})$

c. $\cos^{-1}(5/2\sqrt{13})$

b. $\sin^{-1}(9/\sqrt{364})$

d. $\sin^{-1}(5/2\sqrt{13})$

18: The distance of the point (1,2,1) form the line (x-1)/2 = (y-2)/1 = (z-3)/2 is

a. $2\sqrt{3}/5$

c. $\sqrt{5}/3$

b. $2\sqrt{5}/3$

d. 20/3

19.The maximum number of equivalence relations on the set A = {1, 2, 3} are

(a) 1

(c) 3

(b) 2

(d) 5

20.Events A and B are said to be mutually exclusive if:

A. P(AUB)=PA.+PB.

C. P(AUB)=0

B. P(A∩B)=PA.×PB.

D. None of these

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21. What is the probability of getting the number 6 at least once in a regular die if it can roll it 6 times?

A. $1 - (5/6)^6$

C. $(5/6)^6$

B. $1 - (1/6)^6$

D. $(1/6)^6$

22. A bag contains 5 brown and 4 white socks. Ram pulls out two socks. What is the probability that both the socks are of the same colour?

A. 9/20

B. 2/9

C. 3/20

D. 4/9

23. If the variance of the data is 121, the standard deviation of the data is:

(a) 121

(c) 12

(b) 11

(d) 21

24. Relation between mean, median and mode is given by:

(a) Mode = 2 Median – 3 Mean

(c) Mode = 3 Median – 2 Mean

(b) Mode = 2 Median + 3 Mean

(d) Mode = 3 Median + 2 Mean

25.Which of the following is not a statement?

(a) Smoking is injurious to health.

(c) 2 is the only even prime number.

(b) 2 + 2 = 4

(d) Come here.

26.Which of the following is a statement?

(a) Roses are black.

(c) Be punctual.

(b) Mind your own business.

(d) Do not tell lies.

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27.The derivative of $x^2 \cos x$ is

(a) $2x \sin x - x^2 \sin x$
(b) $2x \cos x - x^2 \sin x$
(c) $2x \sin x - x^2 \cos x$
(d) $\cos x - x^2 \sin x \cos x$

28.The centre of the circle $4x^2 + 4y^2 - 8x + 12y - 25 = 0$ is

(a) (-2, 3)
(b) (1, -3/2)
(c) (-4, 6)
(d) (4, -6)

29.Solution of differential equation x.dy – y.dx = Q

A. a rectangular hyperbola
B. parabola whose vertex is at the origin
C. straight line passing through the origin
D. a circle whose centre is at the origin

30.What is the differential equation of the family of circles touching the y-axis at the origin?

A. $2xyy' + x^2 = y^2$
B. $2xyy'' + x' = y^2$
C. $2xyy' - x^2 = y^2$
D. $xyy' + x^2 = y^2$

31.The number of arbitrary constants in the particular solution of a differential equation of third order is:

A. 3
B. 2
C. 1
D. 0

32.Find the degree of the differential equation: (1+□□□□)3=(□□□□)2

A. 0
B. 1
C. 2
D. 3

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33. If $\int 2^x dx = f(x) + C$, then f(x) is

a. 2^x
b. $2^x \log_e 2$
c. $2^x / \log_e 2$
d. $2^{x+1}/x+1$

34. $\int^2 (x^2 + 3)dx$ equals

a.24/3
b.25/3
c.26/3
d.None of the above

35.The area of a triangle with vertices (–3, 0), (3, 0) and (0, k) is 9 sq. units. The value of k will be

(a) 9
(b) 3
(c) -9
(d) 6

36.If x sin(a+y) = sin y, then dy/dx is equal to

a. $[\sin^2(a+y)]/\sin a$
b. $\sin a /[\sin^2(a+y)]$
c. $[\sin(a+y)]/\sin a$
d. $\sin a /[\sin(a+y)]$

37.The function f(x) = [ln(1+ax)-ln(1-bx)]/x, not defined at x=0. The value should be assigned to f at x=0, so that it is continuous at x =0, is

a. a+b
b. a-b
c. b-a
d. ln a + ln b

38.If $y = ax^2+b$, then dy/dx at x = 2 is equal to

a. 2a
b.3a
c.4a
d. None of these

39.The value of c in Rolle's theorem for the function, f(x) = sin 2x in [0, π/2] is

a.π/4
b.π/6
c.π/2
d.π/3

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40) If $x = t^2$, $y = t^3$, then d^2y/dx^2 =

a. 3/2
b. 3/4t
c. 3/2t
d. 3t/2

41. If A is a square matrix of order 3 and |A| = 5, then the value of |2A'| is

(a) -10
(b) 10
(c) -40
(d) 40

42.If [2𝑝+𝑞 −2𝑟 5𝑠 −4𝑝+3𝑞]=[4−31124], then the value of p + q – r + 2s is

(a) 8
(b) 10
(c) 4
(d) -8

43.If A and B are two matrices of the order 3 × m and 3 × n, respectively, and m = n, then the order of matrix (5A – 2B) is

(a) m × 3
(b) 3 × 3
(c) m × n
(d) 3 × n

44.The value of the expression sin [$\cot^{-1}$ (cos ($\tan^{-1}$ 1))] is

(a) 0
(b) 1
(c) $1/\sqrt{3}$
(d) $\sqrt{(2/3)}$

45.Which of the following is the principal value branch of $\cos^{-1}x$?

(a) $[-\pi/2, \pi/2]$
(b) $(0, \pi)$
(c) $[0, \pi]$
(d) $(0, \pi) - \{\pi/2\}$

46.If $\sin^{-1}x + \sin^{-1}y = \pi/2$, then value of $\cos^{-1}x + \cos^{-1}y$ is

(a) $\pi/2$
(b) π
(c) 0
(d) $2\pi/3$

Therefore, $\cos^{-1}x + \cos^{-1}y = \pi/2$.

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47.The domain of $\sin^{-1}(2x)$ is

(a) [0, 1]
(b) [– 1, 1]
(c) [-1/2, 1/2]
(d) [–2, 2]

48. $\sqrt{3}$ cosec 20°– sec 20° =

a. 2
b. 3
c. 4
d. 1

49. If P(n): $2^n < n!$ then the smallest positive integer for which P(n) is true, is

a. 2
b. 3
c. 4
d. 5

50: XY-plane divides the line joining the points A(2,3,-5) and B(-1,-2,-3) in the ratio

a. 2:1 internally
b. 3:2 externally
c. 5:3 internally
d. 5:3 externally

PHYSICS

51. Uniform circular motion is given by the formula _____

a. V=u+at
b. $v^2-u^2=2as$
C.V-U=A
d.none

52. Find the general solution of: ax^2+bx+c

A. $\sin^{-1} y = x + c$
B. $\sin^{-1} y/2 = x + c$
C. $\sin^{-1} y^2 = x + c$
D. None of the above

53. Give an example of motion in two dimensions _____
   a. Motion along a straight line in any direction
   b. Bird flying
   c. A flying kite
   d. Projectile motion

54. Motion in a plane is called _____
   a. Motion in one dimension
   b. Motion in two dimensions
   c. Motion in three dimensions
   d. Motion in four dimensions

55. Farad is the unit of _____
   a. Luminosity
   b. Wavelength
   c. Permittivity
   d .Inertia

56.Dimensions of kinetic energy is the same as that of _____
   a. Acceleration
   b. Velocity
   c. Work
   d. Force.

57. AU is the unit of _____
   a. Astronomy Unit
   b. Astronomical unit
   c. Astrological Unit
   d. Archaeological Unit

58. The physical Quantity is
   a. Mass
   b. Time
   c. Solid angle
   d. Luminosity

59. The symbol to represent "Amount of Substance" is _____
   a. K
   b. A
   c. Cd
   d. Mol

60. among the following is the Supplementary Unit——
   a. Mass
   b. Time
   c. Solid angle
   d. Luminosity

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61: A car moving with a velocity of 20 ms^{-1} is stopped in a distance of 40 m. If the same car is travelling at double the velocity, the distance travelled by it for the same retardation is

1. a. 640 m
2. b. 320 m
3. c. 1280 m
4. d. 160 m

62.Find the potential energy stored in a ball of mass 5 kg placed at a height of 3 m above the ground.

a. 121.20 J
b. 147.15 J
c. 227.31 J
d. 182.21 J

63.The angle between velocity and acceleration of a particle describing uniform circular motion is

a. 45°
b. 60°
c. 90°
d. 180°

64.The value of acceleration due to gravity at a depth of 1600 km is equal to [Radius of earth = 6400 km]

a. 9.8 ms^{-2}
b. 19.6 ms^{-2}
c. 4.9 ms^{-2}
d. 7.35 ms^{-2}

65.State true or false: According to Equivalence of Mass and Energy, it states that mass and energy are NOT interconvertible.

a. True
b. False

66.A body of mass 50 kg, is suspended using a spring balance inside a lift at rest. If the lift starts falling freely, the reading of the spring balance is

a. = 50 kg
b. > 50 kg
c. < 50 kg
d. = 0

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67. What is the power utilised when work of 1000 J is done in 2 seconds?

a. 100 W
b. 200 W
c. 20 W
d. 500 W

68. Find the potential energy stored in a ball of mass 5 kg placed at a height of 3 m above the ground.

a. 121.20 J
b. 147.15 J
c. 227.31 J
d. 182.21 J

69. The energy possessed by the body by virtue of its motion is known as?

a. Chemical energy
b. Thermal energy
c. Potential energy
d. Kinetic energy

70. A motor pump lifts 6 tones of water from a well of depth 25m to the first floor of height 35 m from the ground floor in 20 minutes. The power of the pump (in kW) is [g = 10 ms^{-2}]

a. 3
b. 6
c. 1.5
d. 12

71. Which one has higher kinetic energy? Both light and heavy bodies have equal momenta.

a. Heavy body
b. Light body
c. Both
d None of the options

72. 'Hydraulic lift' works on the basis of

a. Stoke's law
b. Toricelli's law
c. Pascal's law
d. Bernoulli's law

73. State true or false: According to Equivalence of Mass and Energy, it states that mass and energy are NOT interconvertible.

a. True
b. False

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74. Find the power if the work done is 20j per hour

a. 100 W
b. 200 W
c. 20 W
d. 500 W

75. Find the potential energy stored in a ball of mass 5 kg placed at a height of 3 m above the ground.

a. 121.20 J
b. 147.15 J
c. 227.31 J
d. 182.21 J

76. When the charged particles move in a combined magnetic and electric field, then the force acting is known as _____.

a. Centripetal force
b. Centrifugal force
c. Lorentz force
d. Orbital force

77. The S.I. unit of specific heat capacity is

a. J mol^{-1} K^{-1}
b. J kg^{-1} K^{-1}
c. J K^{-1}
d. J kg

78. Magnetic field at any point inside the straight solenoid is given as_____

a. $\mathbf{B} = \mu_0 + nI$
b. $\mathbf{B} = \mu_0 + n + I$
c. $\mathbf{B} = \mu_0 / nI$
d. $\mathbf{B} = \mu_0 nI$

79. SI unit of the magnetic field is _____.

a. Dyne
b. Ohm
c. Tesla
d. Volt

CHEMISTRY

80. Electrons in the atom are held to the nucleus by

a. Nuclear Force
b. Coulomb's Force
c. Gravitational Force
d. Van Der Waal's Force

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81.The electrons of Rutherford's model would be expected to lose energy because

a. They jump on the nucleus
b. They move randomly
c. Radiate electromagnetic waves
d. Escape from the atom

82. When two perfect solutions with volume V each are combined, What is the volume of the solution as a result?

a) V
b) 2V
c) Greater than 2V
d) Less than 2V

83.The heat of solution or mixing has a negative side.

a) Heat of solution
b) Heat of dissolution
c) Heat of reaction
d) Heat of mixing

84. Which of the following possess net dipole moment?

1. a. BF_3
2. b. SO_2
3. c. CO_2
4. d. $BeCl_2$

85.What effect does temperature have on the half-life of a first-order reaction?

a) It increases
b) It decreases
c) It remains the same
d) Both increases as well as decrease

86 Only a simple homogeneous reaction requires which of the following methods?

a) Integration method
b) Half-life period method
c) Graphical method
d) Ostwald's isolation method

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87 In 30 minutes, a first-order reaction is 50% complete. Calculate the amount of time it took to complete 87.5 percent of the reaction.

a) 30 minutes
b) 60 minutes
c) 90 minutes
d) 120 minutes

88.What happens to the size of atoms in p-block elements when we move from left to right in the same period?

a) Size does not change
b) Size increases then decreases
c) Size increases
d) Size decreases

89.Which of the following statements concerning transuranium elements is incorrect?

a) Atomic number > 92
b) Example is Thorium
c) Decay radioactively as they are unstable
d) Elements after Uranium

90.When copper chips are exposed to concentrated nitric acid, which gas is produced?

a) Nitrogen (III) oxide
b) Nitrogen (IV) oxide
c) Nitrogen (I) oxide
d) Nitrogen (II) oxide

91.The significant figures in 0.00051 are ————.

(a) 5
(b) 3
(c) 2
(d) 26

92. A pure substance which contains only one type of atom is called ————.

(a) An element
(b) a compound
(c) a solid
(d) a liquid93.

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93. The number of -bonds and -bonds present in naphthalene are respectively

1. a. 5, 19
2. b. 6, 19
3. c. 5, 20
4. d. 5, 11

94.The radius of an atomic nucleus is of the order of————

(a) 10^{-10} cm
(b) 10^{-13} cm
(c) 10^{-15} cm
(d) 10^{-8} cm

95.Which of the following molecules have trigonal planar geometry?

(a) BF_3
(b) NH_3
(c) PCl_3
(d) IF

96.The elements with atomic numbers 9, 17, 35, 53, 85 are all ————

(a) halogens
(b) noble gases
(c) alkali earth metals
(d) transition metals

97. The number of moles of electron required to reduce 0.2 mole of $Cr_2O_7^{-2}$ to Cr^{+3}

a. 6
b. 1.2
c. 0.6
d. 12

98.For an ideal gas, C_V and C_P are related as :

(a) $C_V - C_P = R$
(b) $C_V + C_P = R$
(c) $C_P - C_V = RT$
(d) $C_P - C_V = R$

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99.If liquids A and B form an ideal solution

(a) The entropy of mixing is zero
(b) The free energy of mixing is zero
(c) The free energy as well as the entropy of mixing
(d) The free energy mixing is maximum

100 The vitamin that helps in clotting of blood isa. +6 to +4

(a) C
(b) A
(C)K
(d)B_2

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AVANTHI FREESHIP STUDENTS ACADEMIC YEAR 2021-2022:

The following is the list of students 222 are selected from Avanthi Freeship Policy test conducted on 27-10-2021, 08-10-2021 and 16-10-2021. Based on the merit of the test results the fee concessions is given to the below students.

Freeship Test Marks:

S.No	Freeship No	Name	marks
1	AVIH2021001	AVULA KOUSHIK	40
2	AVIH2021002	CHETLAPALLY BHAVYA	40
3	AVIH2021003	D UDAY KUMAR	43
4	AVIH2021004	GOTTIMUKKULA LAHARI	41
5	AVIH2021005	AADIREDDY KIRAN TEJA	40
6	AVIH2021006	AKKENAPALLY PRAVIN DURIGAIAH	65
7	AVIH2021007	ANUGU ROHITH REDDY	40
8	AVIH2021008	BANDA HARISH YADAV	65
9	AVIH2021009	BARLA SRI KODANDA VARMA	63
10	AVIH2021010	BETHALA KEERTHI	68
11	AVIH2021011	BOBBALI REVATHI	40
12	AVIH2021012	BODIGE POOJA	37
13	AVIH2021013	CHENREDDY PRAVEEN	35
14	AVIH2021014	DESHINI NISCHALA PRIYA	37
15	AVIH2021015	GALIPELLI ALEKHYA	65
16	AVIH2021016	MALLELA DEEPAK	36
17	AVIH2021017	KAJJAM SAI DILEEP	68
18	AVIH2021018	KODARI VENKATESH	36
19	AVIH2021019	KOKKU HARSHITHA	42
20	AVIH2021020	KOKKULA JAGRUTH	62
21	AVIH2021021	KUNDURU PRATHYUSHA	37
22	AVIH2021022	LADE ACHYUTH KUMAR	65
23	AVIH2021023	MAMATA YADAV	37
24	AVIH2021024	MULAGUNDLA SOWJANYA	45
25	AVIH2021025	MUNJULURI VEERESH KUMAR	45
26	AVIH2021026	KOTA KARTHIK	37
27	AVIH2021027	KURIMILLA NARENDHAR	37
28	AVIH2021028	MALLAVARAPU VARAPRASAD	37
29	AVIH2021029	MULI GUNASHEKAR REDDY	36
30	AVIH2021030	MUNUGOTI KODANDA RAMAIAH	68
31	AVIH2021031	NEERADI NISHWANTH	37

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32	AVIH2021032	PENDYALA ROOPESH SAI	40
33	AVIH2021033	BOINI MADHU	70
34	AVIH2021034	POLOJU DEVIKA	37
35	AVIH2021035	SIRIPURAM SWAROOP KUMAR	81
36	AVIH2021036	SHAIK HUSSAIN BASHA	46
37	AVIH2021037	T SRISHA	42
38	AVIH2021038	TATIPARTHI VINEETH REDDY	70
39	AVIH2021039	PATIL SAI RAGHAVENDRA	45
40	AVIH2021040	PUNNA ADITYA	37
41	AVIH2021041	SHETTY SUJITH	35
42	AVIH2021042	THAMMANENI PRASANTH REDDY	45
43	AVIH2021043	VADTHYAVATH MANASA	45
44	AVIH2021044	DHADI VYSHALI	42
45	AVIH2021045	BONDLA YAVAN TEJA	37
46	AVIH2021046	TELUKUTLA ADITYA REDDY	70
47	AVIH2021047	ESSAPALLY ARAVIND	78
48	AVIH2021048	DUDDUGUNTA SAI KRISHNA	45
49	AVIH2021049	NALLURI VENKATAPAVAN	45
50	AVIH2021050	ANTHATI NISHITH KUMAR	82
51	AVIH2021051	B DEVENDAR	76
52	AVIH2021052	BHEEMREDDY SAKESTH REDDY	75
53	AVIH2021053	KUKKALA SRIVIDYA	81
54	AVIH2021054	MANDAVA POORNA SHANKAR	82
55	AVIH2021055	MODUGU SHASHIDHAR REDDY	75
56	AVIH2021056	PURWANTH MOUNIKA	80
57	AVIH2021057	RAGEERU TEJESHWAR GOUD	79
58	AVIH2021058	VUDUTHURI VENKATESHWAR REDDY	80
59	AVIH2021059	YALAGALA NUKAIAH	80
60	AVIH2021060	BAIRU SAITEJA	82
61	AVIH2021061	D SHARATH CHANDRA GOUD	79
62	AVIH2021062	KANDULA RAJNIKANTH	82
63	AVIH2021063	U SHIVA	81
64	AVIH2021064	ALAKUNTLA BHARATH	79
65	AVIH2021065	BOLLAM JAYA KRISHNA	81
66	AVIH2021066	PARSHAM KALYAN	84
67	AVIH2021067	PULIYALA RAGHAVENDRA REDDY	84
68	AVIH2021068	SAURABH SINGH	82
69	AVIH2021069	MALLELLI DEVENDAR GOUD	75
70	AVIH2021070	BURRA MANIDEEP	79
71	AVIH2021071	DERANGULA MOHAN SAI TEJA	75

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72	AVIH2021072	GADDAM EEKSHITHA	75
73	AVIH2021073	GANGANAMONI SAI CHARAN	37
74	AVIH2021074	GURRALA NAGA SAI	83
75	AVIH2021075	JANGILI TEJASWI	75
76	AVIH2021076	KOMMAVARAPU VISHNU KOWSIK	80
77	AVIH2021077	KONATHAM MAHESH REDDY	80
78	AVIH2021078	MALLAMPATI JASHWANTH	70
79	AVIH2021079	MANDALAPU GOWTHAM	36
80	AVIH2021080	MEDAGAM RAMYA	74
81	AVIH2021081	REGULA GIRISH KUMAR	75
82	AVIH2021082	SAMA ANKITHA	75
83	AVIH2021083	VENNU SAI TEJA	72
84	AVIH2021084	VENKATA SWAMY PUPPALA	42
85	AVIH2021085	BARADI SAI KIRAN	71
86	AVIH2021086	BASANI PAVAN	70
87	AVIH2021087	GADE SRAVYA SRI	70
88	AVIH2021088	GOJJI SIDDHARTHA	74
89	AVIH2021089	GUNTOJU YASHWANTH	82
90	AVIH2021090	KAKULARAM ANAND REDDY	80
91	AVIH2021091	KANKANALA MANASA	75
92	AVIH2021092	MEDAGAM RAMANJI REDDY	75
93	AVIH2021093	MUDDAM VAMSHI KRISHNA	72
94	AVIH2021094	PENNERU HARSHITHA	78
95	AVIH2021095	POLA SHANKER REDDY	73
96	AVIH2021096	S DATHA SHOURI	45
97	AVIH2021097	TALLAGADDA ABHINAV REDDY	75
98	AVIH2021098	TOTAKOORA LAKSHMI HARSHITHA	73
99	AVIH2021099	VAGGA ANAND	79
100	AVIH2021100	YELAGABOINA ABHINAYA SRI	80
101	AVIH2021101	MUTHYALA HARI PRASAD	70
102	AVIH2021102	DANTAPALLY SAI KRISHNA REDDY	78
103	AVIH2021103	DORNALA DEEKSHITH	80
104	AVIH2021104	KATKURI RAJESH	78
105	AVIH2021105	RAMYA SRI SAI KANUMOLU	70
106	AVIH2021106	GOUTE AKHILA	82
107	AVIH2021107	KONDAKINDI VINAY REDDY	37
108	AVIH2021108	PATLOLLA ARAVIND REDDY	83
109	AVIH2021109	VSRSGNP PANTHESWARA	36
110	AVIH2021110	JANAGAM SRIHARI	82
111	AVIH2021111	SHARMA MEENAKSHI	80

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112	AVIH2021112	BHAGATH VAMSHI	70
113	AVIH2021113	CHINTHAKINDI MURARI	75
114	AVIH2021114	DUDDUKURI SANDEEP	72
115	AVIH2021115	GOSHIKA SHIVA KRISHNA	70
116	AVIH2021116	KATEPALLY SAIKUMAR	75
117	AVIH2021117	KOPPISETTI JOSHNA SATWIKA	80
118	AVIH2021118	PADAMATI KARTHIK REDDY	78
119	AVIH2021119	SANKU VAISHNAVI	70
120	AVIH2021120	SUNKOJU HARINI	82
121	AVIH2021121	VEERAMALLA RAMU	72
122	AVIH2021122	BALU REDDI PRAKASH	71
123	AVIH2021123	ALLURI YESHWANTHI	80
124	AVIH2021124	BOYAPALLY KOUSHIK	77
125	AVIH2021125	CHINTHALA SAIKUMAR REDDY	70
126	AVIH2021126	JAGTAP SHIRISH	41
127	AVIH2021127	MARRI SHIVANATH REDDY	75
128	AVIH2021128	MEDAM SHIVA SAI REDDY	75
129	AVIH2021129	MOHAMMAD IMRAN	70
130	AVIH2021130	MOHINI SAIVAMSHI	82
131	AVIH2021131	MUDDAM VI NUTHNA	82
132	AVIH2021132	MUDDAM VINAY KUMAR REDDY	83
133	AVIH2021133	PAIDIPELLI ABHINAV	75
134	AVIH2021134	PANNALA SRAVANA SANDHYA	80
135	AVIH2021135	PONSHETTI SATHVIKA	70
136	AVIH2021136	SAKETI ANUSHA	78
137	AVIH2021137	SAPPATI ANAND REDDY	73
138	AVIH2021138	SHAIK NAZEER	80
139	AVIH2021139	SYED NEHA	82
140	AVIH2021140	VELPULA RAMKUMAR	81
141	AVIH2021141	VENDRU SUSMITHA	75
142	AVIH2021142	SACHU UMA MAHESHWAR RAO	82
143	AVIH2021143	CHOUTY AKASH	83
144	AVIH2021144	JAMMISETTY VENU	82
145	AVIH2021145	PISKE NAVYA	70
146	AVIH2021146	CHINTHAKINDI AKHIL	78
147	AVIH2021147	DANDUPATI SAITEJA	82
148	AVIH2021148	DASARI NAVEEN KUMAR	80
149	AVIH2021149	G ANAND	83
150	AVIH2021150	GADDAM VINAY YADAV	82
151	AVIH2021151	SHAIK AZEEM	82

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152	AVIH2021152	KAKANI HARSHITH	77
153	AVIH2021153	NAGULAPALLY GANESH	81
154	AVIH2021154	NEELA LAXMAN	80
155	AVIH2021155	RAMCHINNA MANSIA	81
156	AVIH2021156	SWARNA KIRANBABU	81
157	AVIH2021157	VADDEPALLY RAKESH	74
158	AVIH2021158	VARDA MANASA	82
159	AVIH2021159	VEERLA SAIPAVAN	80
160	AVIH2021160	JAKKULA HARSHA VARDHAN	82
161	AVIH2021161	P JAYASRI GOUD	83
162	AVIH2021162	GUNTI MAHESH	75
163	AVIH2021163	BACHALA SRISAITEJA	82
164	AVIH2021164	CHALADI RAKESH ROHAN	75
165	AVIH2021165	CHILVERU SWETHA	78
166	AVIH2021166	D THARUN KUMAR REDDY	77
167	AVIH2021167	DODLE NANDU	75
168	AVIH2021168	DHARSHANAM ABHISHEK	82
169	AVIH2021169	DUMPETA NIKHIL	74
170	AVIH2021170	GOLLAPELLI VIGNESH	75
171	AVIH2021171	GUDIPATI BHANUPRAKASH	75
172	AVIH2021172	GUNDEMONI MADHU	74
173	AVIH2021173	GUNDETI SHIREESHA	80
174	AVIH2021174	JAMBULA VENKATESH	78
175	AVIH2021175	KARAMTHOTU VINOD	83
176	AVIH2021176	KOTHAKAPU JYOSHNA	80
177	AVIH2021177	KOTHI BHANU PRAKASH	75
178	AVIH2021178	KUCHANI SAI SRUJAN	76
179	AVIH2021179	KUMARAM MOUNIKA	78
180	AVIH2021180	KUNCHALA TRINATH	81
181	AVIH2021181	KUPPI SAIKUMAR REDDY	82
182	AVIH2021182	LAVOORI SAKRU	82
183	AVIH2021183	LOKAM SHIVA KRISHNA	82
184	AVIH2021184	MERUGU SNEHITH KUMAR	80
185	AVIH2021185	MUDAVATH SUBHASH	70
186	AVIH2021186	MULA SRI CHANDANA	83
187	AVIH2021187	PARSA VINAY	82
188	AVIH2021188	PEBBEATE SRINIVAS	73
189	AVIH2021189	PENDEM BHARADWAJ	70
190	AVIH2021190	POCHAM NAVEENKUMAR	73
191	AVIH2021191	POCHAMPALLY VINAY	80

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192	AVIH2021192	PUJARI BHASKAR	80
193	AVIH2021193	PULLOLLA RAJESH	70
194	AVIH2021194	RADARAM THANMAY KUMAR	75
195	AVIH2021195	RAGHURAM NITHEESH KUMAR REDDY	81
196	AVIH2021196	RAMAVATH SANDHYA	70
197	AVIH2021197	S SUNIL	80
198	AVIH2021198	SHAIK AFROZ	77
199	AVIH2021199	SILAPALLY SRIDHAR	82
200	AVIH2021200	THATIKONDA GNANESHWAR	80
201	AVIH2021201	VANGALA SAIPRASAD	80
202	AVIH2021202	TUMMALA NAGESH	80
203	AVIH2021203	PAKA SHIVA SAI	82
204	AVIH2021204	ABBANONI SANDEEP	82
205	AVIH2021205	ATMURI RAHUL	81
206	AVIH2021206	BANOTH SWETHA	85
207	AVIH2021207	BHUPATHI MAHESH	85
208	AVIH2021208	BODA NARSI REDDY	80
209	AVIH2021209	BODIDA SHIVAKUMAR	84
210	AVIH2021210	CHETTY GOWTHAM	80
211	AVIH2021211	DHANAVATH VIJAY	85
212	AVIH2021212	E GANESH GOUD	84
213	AVIH2021213	EARLA SRIKANTH	82
214	AVIH2021214	GOUNI SAIKIRAN	79
215	AVIH2021215	GORLA NAGA PRASAD	82
216	AVIH2021216	K SOWMYA	82
217	AVIH2021217	KATTELA CHANDRAKANTH	82
218	AVIH2021218	KONDURI BALAJI	82
219	AVIH2021219	MUNUKUNTLA HEMANTH REDDY	82
220	AVIH2021220	PERUMALLA VIJAY KUMAR	81
221	AVIH2021221	RAMAVATH RAMCHANDER	85
222	AVIH2021222	RELANGI PALLAVI	85

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NAAC "B++" Accredited Institute
Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.
www.aietg.ac.in email:principal.avanthi@gmail.com

Gunthapally,

Date: 08-12-2021.

From

The Principal,
Avanthi Institute of Engineering & Technology,
Gunthapally.

To

Chairperson
Governing Body (GB),
Avanthi Institute of Engineering & Technology,
Gunthapally.

Dear Sir/Madam

Sub: Request to sanction of Freeship Amount.

Reference: 1. Avanthi Freeship Internal Policy.

This is to inform you that Avanthi Institute of Engineering &Technology conducted an exam "Avanthi Freeship Test" on 27-10-2021, 08-10-2021 and 16-10-2021to the students who are willing to join in B category seats of first year B.Tech program for the academic year 2021-2002. 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 222 students who are qualified in the test for your reference. In this regard, I request you to please forward this students list to the Governing Body for sanctioning the freeships amount for further proceedings.

The details are also enclosed for your consideration

Thanking you sir

Yours faithfully,

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
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NAAC "B++" Accredited Institute
Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.
www.aietg.ac.in email:principal.avanthi@gmail.com

AVANTHI FREESHIP STUDENTS ACADEMIC YEAR 2021-2022

The following is the list of students 222 are selected from Avanthi Freeships policy test. Based on the merit of the results the fee concession is given to the below students.

S.No	Name	Hall Ticket No	Amount
1	AVULA KOUSHIK	21Q61A0538	10000
2	CHETLAPALLY BHAVYA	21Q61A0540	10000
3	D UDAY KUMAR	21Q61A0541	12500
4	GOTTIMUKKULA LAHARI	21Q61A0542	12000
5	AADIREDDY KIRAN TEJA	21Q61A0543	12500
6	AKKENAPALLY PRAVIN DURIGAIAH	21Q61A0544	15000
7	ANUGU ROHITH REDDY	21Q61A0545	10000
8	BANDA HARISH YADAV	21Q61A0547	15000
9	BARLA SRI KODANDA VARMA	21Q61A0548	15000
10	BETHALA KEERTHI	21Q61A0549	18000
11	BOBBALI REVATHI	21Q61A0550	10000
12	BODIGE POOJA	21Q61A0551	10000
13	CHENREDDY PRAVEEN	21Q61A0552	5000
14	DESHINI NISCHALA PRIYA	21Q61A0553	10000
15	GALIPELLI ALEKHYA	21Q61A0554	15000
16	MALLELA DEEPAK	21Q61A0555	5000
17	KAJJAM SAI DILEEP	21Q61A0556	17000
18	KODARI VENKATESH	21Q61A0558	7500
19	KOKKU HARSHITHA	21Q61A0559	12500
20	KOKKULA JAGRUTH	21Q61A0560	15000
21	KUNDURU PRATHYUSHA	21Q61A05A0	10000
22	LADE ACHYUTH KUMAR	21Q61A05A1	16000
23	MAMATA YADAV	21Q61A05A2	10000
24	MULAGUNDLA SOWJANYA	21Q61A05A3	15000
25	MUNJULURI VEERESH KUMAR	21Q61A05A4	15000
26	KOTA KARTHIK	21Q61A05A6	10000
27	KURIMILLA NARENDHAR	21Q61A05A7	10000
28	MALLAVARAPU VARAPRASAD	21Q61A05A8	10000
29	MULI GUNASHEKAR REDDY	21Q61A05A9	7000
30	MUNUGOTI KODANDA RAMAIAH	21Q61A05B0	17500
31	NEERADI NISHWANTH	21Q61A05B1	10000
32	PENDYALA ROOPESH SAI	21Q61A05B2	12000
33	BOINI MADHU	21Q61A05B3	20000
34	POLOJU DEVIKA	21Q61A05B4	10000
35	SIRIPURAM SWAROOP KUMAR	21Q65A0326	35000

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36	SHAIK HUSSAIN BASHA	21Q61A05B6	15000
37	T SRISHA	21Q61A05B8	15000
38	TATIPARTHI VINEETH REDDY	21Q61A05B9	20000
39	PATIL SAI RAGHAVENDRA	21Q61A05F0	15000
40	PUNNA ADITYA	21Q61A05F1	10000
41	SHETTY SUJITH	21Q61A05F2	5000
42	THAMMANENI PRASANTH REDDY	21Q61A05F3	15000
43	VADTHYAVATH MANASA	21Q61A05F4	15000
44	DHADI VYSHALI	21Q61A05F5	15000
45	BONDLA YAVAN TEJA	21Q61A05F6	10000
46	TELUKUTLA ADITYA REDDY	21Q61A05F7	20000
47	ESSAPALLY ARAVIND	21Q61A05F8	25000
48	DUDDUGUNTA SAI KRISHNA	21Q61A05F9	15000
49	NALLURI VENKATAPAVAN	21Q61A05G0	15000
50	ANTHATI NISHITH KUMAR	21Q61A0448	35000
51	B DEVENDAR	21Q61A0449	25000
52	BHEEMREDDY SAKESTH REDDY	21Q61A0450	25000
53	KUKKALA SRIVIDYA	21Q61A0451	34000
54	MANDAVA POORNA SHANKAR	21Q61A0452	35000
55	MODUGU SHASHIDHAR REDDY	21Q61A0453	25000
56	PURWANTH MOUNIKA	21Q61A0454	30000
57	RAGEERU TEJESHWAR GOUD	21Q61A0455	30000
58	VUDUTHURI VENKATESHWAR REDDY	21Q61A0456	30000
59	YALAGALA NUKAIAH	21Q61A0457	30000
60	BAIRU SAITEJA	21Q61A0458	35000
61	D SHARATH CHANDRA GOUD	21Q61A0212	30000
62	KANDULA RAJNIKANTH	21Q61A0213	35000
63	U SHIVA	21Q61A0214	32500
64	ALAKUNTLA BHARATH	21Q61A0305	30000
65	BOLLAM JAYA KRISHNA	21Q61A0306	32500
66	PARSHAM KALYAN	21Q61A0307	37500
67	PULIYALA RAGHAVENDRA REDDY	21Q61A0308	37500
68	SAURABH SINGH	21Q61A0309	35000
69	MALLELLI DEVENDAR GOUD	21Q61A6646	25000
70	BURRA MANIDEEP	21Q61A6647	30000
71	DERANGULA MOHAN SAI TEJA	21Q61A6648	25000
72	GADDAM EEKSHITHA	21Q61A6649	25000
73	GANGANAMONI SAI CHARAN	21Q61A6650	10000
74	GURRALA NAGA SAI	21Q61A6651	35000
75	JANGILI TEJASWI	21Q61A6652	25000

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76	KOMMAVARAPU VISHNU KOWSIK	21Q61A6653	27500
77	KONATHAM MAHESH REDDY	21Q61A6654	30000
78	MALLAMPATI JASHWANTH	21Q61A6655	20000
79	MANDALAPU GOWTHAM	21Q61A6656	5000
80	MEDAGAM RAMYA	21Q61A6657	25000
81	REGULA GIRISH KUMAR	21Q61A6658	25000
82	SAMA ANKITHA	21Q61A6659	25000
83	VENNU SAI TEJA	21Q61A6662	22500
84	VENKATA SWAMY PUPPALA	21Q61A6663	15000
85	BARADI SAI KIRAN	21Q61A6746	22500
86	BASANI PAVAN	21Q61A6747	20000
87	GADE SRAVYA SRI	21Q61A6749	22500
88	GOJJI SIDDHARTHA	21Q61A6750	25000
89	GUNTOJU YASHWANTH	21Q61A6751	35000
90	KAKULARAM ANAND REDDY	21Q61A6752	30000
91	KANKANALA MANASA	21Q61A6753	25000
92	MEDAGAM RAMANJI REDDY	21Q61A6754	25000
93	MUDDAM VAMSHI KRISHNA	21Q61A6755	22500
94	PENNERU HARSHITHA	21Q61A6756	27500
95	POLA SHANKER REDDY	21Q61A6757	25000
96	S DATHA SHOURI	21Q61A6758	15000
97	TALLAGADDA ABHINAV REDDY	21Q61A6759	25000
98	TOTAKOORA LAKSHMI HARSHITHA	21Q61A6760	25000
99	VAGGA ANAND	21Q61A6761	30000
100	YELAGABOINA ABHINAYA SRI	21Q61A6762	30000
101	MUTHYALA HARI PRASAD	21Q61A6763	20000
102	DANTAPALLY SAI KRISHNA REDDY	21Q65A0514	30000
103	DORNALA DEEKSHITH	21Q65A0515	30000
104	KATKURI RAJESH	21Q65A0516	30000
105	RAMYA SRI SAI KANUMOLU	21Q65A0517	20000
106	GOUTE AKHILA	20Q61A6706	35000
107	KONDAKINDI VINAY REDDY	20Q61A6707	5000
108	PATLOLLA ARAVIND REDDY	20Q61A6708	35000
109	VSRSGNP PANTHESWARA	20Q61A6709	5000
110	JANAGAM SRIHARI	21Q65A6704	35000
111	SHARMA MEENAKSHI	20Q61A6618	31000
112	BHAGATH VAMSHI	20Q61A6622	20000
113	CHINTHAKINDI MURARI	20Q61A6623	25000
114	DUDDUKURI SANDEEP	20Q61A6624	25000
115	GOSHIKA SHIVA KRISHNA	20Q61A6625	20000

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116	KATEPALLY SAIKUMAR	20Q61A6626	25000
117	KOPPISETTI JOSHNA SATWIKA	20Q61A6627	30000
118	PADAMATI KARTHIK REDDY	20Q61A6629	30000
119	SANKU VAISHNAVI	20Q61A6630	20000
120	SUNKOJU HARINI	20Q61A6631	35000
121	VEERAMALLA RAMU	20Q61A6632	25000
122	BALU REDDI PRAKASH	20Q61A6633	25000
123	ALLURI YESHWANTHI	20Q61A0432	30000
124	BOYAPALLY KOUSHIK	20Q61A0433	30000
125	CHINTHALA SAIKUMAR REDDY	20Q61A0434	20000
126	JAGTAP SHIRISH	20Q61A0435	11500
127	MARRI SHIVANATH REDDY	20Q61A0436	25000
128	MEDAM SHIVA SAI REDDY	20Q61A0437	25000
129	MOHAMMAD IMRAN	20Q61A0438	20000
130	MOHINI SAIVAMSHI	20Q61A0439	35000
131	MUDDAM VI NUTHNA	20Q61A0440	35000
132	MUDDAM VINAY KUMAR REDDY	20Q61A0441	35000
133	PAIDIPELLI ABHINAV	20Q61A0442	25000
134	PANNALA SRAVANA SANDHYA	20Q61A0443	30000
135	PONSHETTI SATHVIKA	20Q61A0444	20000
136	SAKETI ANUSHA	20Q61A0445	30000
137	SAPPATI ANAND REDDY	20Q61A0446	22500
138	SHAIK NAZEER	20Q61A0447	30000
139	SYED NEHA	20Q61A0448	35000
140	VELPULA RAMKUMAR	20Q61A0450	33000
141	VENDRU SUSMITHA	20Q61A0451	25000
142	SACHU UMA MAHESHWAR RAO	20Q61A0452	35000
143	CHOUTY AKASH	20Q61A0454	35000
144	JAMMISETTY VENU	20Q61A0455	35000
145	PISKE NAVYA	20Q61A0456	20000
146	CHINTHAKINDI AKHIL	21Q65A0412	30000
147	DANDUPATI SAITEJA	21Q65A0413	35000
148	DASARI NAVEEN KUMAR	21Q65A0414	30000
149	G ANAND	21Q65A0415	35000
150	GADDAM VINAY YADAV	21Q65A0416	35000
151	SHAIK AZEEM	21Q65A0325	35000
152	KAKANI HARSHITH	21Q65A0418	30000
153	NAGULAPALLY GANESH	21Q65A0419	32000
154	NEELA LAXMAN	21Q65A0420	32000
155	RAMCHINNA MANSIA	21Q65A0421	32500

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156	SWARNA KIRANBABU	21Q65A0422	32000
157	VADDEPALLY RAKESH	21Q65A0423	25000
158	VARDA MANASA	21Q65A0424	35000
159	VEERLA SAIPAVAN	21Q65A0425	32500
160	JAKKULA HARSHA VARDHAN	21Q65A0426	35000
161	P JAYASRI GOUD	21Q65A0427	35000
162	GUNTI MAHESH	20Q61A0209	25000
163	BACHALA SRISAITEJA	21Q65A0206	35000
164	CHALADI RAKESH ROHAN	21Q65A0207	25000
165	CHILVERU SWETHA	21Q65A0208	29000
166	D THARUN KUMAR REDDY	21Q65A0209	27500
167	DODLE NANDU	21Q65A0210	25000
168	DHARSHANAM ABHISHEK	21Q65A0211	35000
169	DUMPETA NIKHIL	21Q65A0212	25000
170	GOLLAPELLI VIGNESH	21Q65A0213	25000
171	GUDIPATI BHANUPRAKASH	21Q65A0214	25000
172	GUNDEMONI MADHU	21Q65A0215	25000
173	GUNDETI SHIREESHA	21Q65A0216	30000
174	JAMBULA VENKATESH	21Q65A0217	30000
175	KARAMTHOTU VINOD	21Q65A0218	35000
176	KOTHAKAPU JYOSHNA	21Q65A0219	30000
177	KOTHI BHANU PRAKASH	21Q65A0220	25000
178	KUCHANI SAI SRUJAN	21Q65A0221	27500
179	KUMARAM MOUNIKA	21Q65A0222	30000
180	KUNCHALA TRINATH	21Q65A0223	32500
181	KUPPI SAIKUMAR REDDY	21Q65A0224	35000
182	LAVOORI SAKRU	21Q65A0225	35000
183	LOKAM SHIVA KRISHNA	21Q65A0226	35000
184	MERUGU SNEHITH KUMAR	21Q65A0227	32500
185	MUDAVATH SUBHASH	21Q65A0228	20000
186	MULA SRI CHANDANA	21Q65A0229	35000
187	PARSA VINAY	21Q65A0230	35000
188	PEBBEATE SRINIVAS	21Q65A0231	25000
189	PENDEM BHARADWAJ	21Q65A0232	20000
190	POCHAM NAVEENKUMAR	21Q65A0233	25000
191	POCHAMPALLY VINAY	21Q65A0234	30000
192	PUJARI BHASKAR	21Q65A0235	27500
193	PULLOLLA RAJESH	21Q65A0236	20000
194	RADARAM THANMAY KUMAR	21Q65A0237	25000
195	RAGHURAM NITHEESH KUMAR REDDY	21Q65A0238	32000

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197	S SUNIL	21Q65A0240	30000
198	SHAIK AFROZ	21Q65A0241	30000
199	SILAPALLY SRIDHAR	21Q65A0242	35000
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203	PAKA SHIVA SAI	20Q61A0304	35000
204	ABBANONI SANDEEP	21Q65A0306	35000
205	ATMURI RAHUL	21Q65A0307	35000
206	BANOTH SWETHA	21Q65A0308	40000
207	BHUPATHI MAHESH	21Q65A0309	40000
208	BODA NARSI REDDY	21Q65A0310	30000
209	BODIDA SHIVAKUMAR	21Q65A0311	40000
210	CHETTY GOWTHAM	21Q65A0312	30000
211	DHANAVATH VIJAY	21Q65A0313	40000
212	E GANESH GOUD	21Q65A0314	36000
213	EARLA SRIKANTH	21Q65A0315	35000
214	GOUNI SAIKIRAN	21Q65A0316	30000
215	GORLA NAGA PRASAD	21Q65A0317	35000
216	K SOWMYA	21Q65A0318	35000
217	KATTELA CHANDRAKANTH	21Q65A0319	35000
218	KONDURI BALAJI	21Q65A0320	35000
219	MUNUKUNTLA HEMANTH REDDY	21Q65A0321	35000
220	PERUMALLA VIJAY KUMAR	21Q65A0322	35000
221	RAMAVATH RAMCHANDER	21Q65A0323	40000
222	RELANGI PALLAVI	21Q65A0324	40000

Total Students Count: 222 **Total Amount: Rs 56,47,000**

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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
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www.aietg.ac.in email:principal.avanthi@gmail.com

Our institution committed to provide freeships to poor and economically backward students.It is applicable to the students who do not have parents or either father or mother has lost their lives they could avail the opportunity. We also offer freeships whose parental annual income less than one lakh. We ensure that this financial support will helps the students to reach their goals. Here we are providing the list of students to whom we have provided freeship from college along with their requested letters.

S.No	Hall Ticket No	STUDENT NAME	AMOUNT
1	20Q61A0524	HAFSA NOUSHEEN	2000
2	20Q61A0543	AKASH DHAPTE	15000
3	20Q61A0544	ANTHATI MAHESH	5000
4	20Q61A0545	ATMAKUR NARAYANA SAKETH	10000
5	20Q61A0546	B SARVARI BHARADWAJ	20000
6	20Q61A0547	BANDI CHANDANA GOUD	4500
7	20Q61A0548	BOTUKA SIDDARTHA	15000
8	20Q61A0550	SHETKAR HARSHITHA PATIL	20000
9	20Q61A0551	CHINREDDY RAKESH REDDY	15000
10	20Q61A0552	DOSAI REVANTH	5000
11	20Q61A0553	ETIKALA UPENDAR REDDY	7500
12	20Q61A0554	G V BHAVANA	5000
13	20Q61A0555	GADDAM KRISHNATEJA	5000
14	20Q61A0556	JANAGARI SRITHAN REDDY	5000
15	20Q61A0557	KETHIREDDY HARSHITHA	5000
16	20Q61A0558	KOMPELLI JALANDHAR	15000
17	20Q61A0559	KONGARI SHARATH CHANDRA	15000
18	20Q61A0560	KOTHA LIKITH SAI REDDY	15000
19	20Q61A0588	LANKELA UDAY KIRAN REDDY	20000
20	20Q61A0589	MADIREDDY AJAY REDDY	15000
21	20Q61A0590	MAHAMMAD SHENNU	2500
22	20Q61A0591	MALREDDY ADITHYA	15000
23	20Q61A0592	MANDUGULA SADHWIKA	5000
24	20Q61A0593	MINUKURI SAI PRAKASH REDDY	20000
25	20Q61A0594	MIYAPURAM RAJA VIKAS	20000
26	20Q61A0595	PATIBANDLA CHAITANYA	25000
27	20Q61A0596	PULI HARI KRISHNA	5000
28	20Q61A0597	SINGIREDDY MAHALAXMI	5000
29	20Q61A0598	SINGIREDDY RUTHISH REDDY	20000

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30	20Q61A0599	SOMAGANI NAVYA	5000
31	20Q61A05A0	VANKOJU PURNANANDHA	20000
32	20Q61A05A1	YASA MAHESH REDDY	15000
33	20Q61A05A2	GAJAULA VENKATESH	20000
34	20Q61A05A3	PADALA ABHILASH	25000
35	19Q61A0534	BOJJA SAI CHARAN REDDY	5000
36	19Q61A0536	GUNTOJU RENUKA	10000
37	19Q61A0537	I RAGHAVENDRA REDDY	3000
38	19Q61A0538	JITTA RAJASHEKAR	8000
39	19Q61A0539	KATAM SNEHA	5000
40	19Q61A0540	KOLLI PRIYANKA CHOWDARY	5000
41	19Q61A0541	MOHAMMED SAMEER AHMED	5000
42	19Q61A0543	ABHINAV KUMAR SINGH	15000
43	19Q61A0544	AJAYKUMAR VAKITI	8000
44	19Q61A0546	ARYAN MUNI	20000
45	19Q61A0547	BALASANI PRANEETHSAI	5000
46	19Q61A0548	BUDDE CHANDU	20000
47	19Q61A0550	CHINTANIPPU VAMSHI	5000
48	19Q61A0552	DARIPALLY SRI RAM	15000
49	19Q61A0553	DEVARAKONDA VINAY	5000
50	19Q61A0554	DONDA THULASI	20000
51	19Q61A0555	G GURU CHARAN	10000
52	19Q61A0556	GADIGA GAYATHRI NAND	5000
53	19Q61A0559	KATTA ASRITH REDDY	5000
54	19Q61A0560	KAYYALA AKSHAY YADAV	5000
55	19Q61A0595	PUNNA SAI MOUNIKA	5000
56	19Q61A0596	SABBU YASHWANTH REDDY	5000
57	19Q61A0597	SIDDIPETA JENNY JAMES	13000
58	19Q61A0598	THATI DEEPIKAA	7000
59	19Q61A0599	THATI DIKSHITA	7000
60	19Q61A05A0	VALLEM SRIVANI	5000
61	19Q61A05A1	VEERAVALLI SAI PAVAN	12500
62	19Q61A05A2	YERRAMSETTI SAI	5000
63	19Q61A05A3	KORU VINAY KUMAR	2500
64	19Q61A05A4	KOTHA MANJUBHARGAVI	5000
65	19Q61A05A5	KUNUGUNTLA SRI HARSHA	5000
66	19Q61A05A6	MANOOR VIJAY KARTHIK	5000
67	19Q61A05A7	MARINELA NAVYA	5000
68	19Q61A05A8	NUKALA AVINASH REDDY	15000

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70	19Q61A05B1	POLASA LIKITHHA	5000
71	19Q61A05B3	PREETHHI SINGH	5000
72	19Q61A05B4	RANGA RAJASHEKHAR	5000
73	19Q61A05B5	RUDRAVELLY NAGASANTHOSHITHA	5000
74	19Q61A05B6	SALLA SAIKIRAN REDDY	10000
75	19Q61A05B7	SAMBANGI SAI SRAVANI	5000
76	19Q61A05B8	THIMMA REDDY MAHESHWARA REDDY	5000
77	19Q61A05B9	THOTA NISHANTH	5000
78	19Q61A05D1	SEELA UDAY KUMAR	12500
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81	19Q61A05F0	YADLA YASHWANTH	5000
82	19Q61A05F1	YARRABELLI ANIL REDDY	20000
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85	18Q61A0547	GOLAPALLI VINISHA	5000
86	18Q61A0548	GUNAMONI VINAY	10000
87	18Q61A0541	PALANATI SAI VAMSHI	10000
88	20Q65A0517	ETIKYALA SAIPAVAN	30000
89	20Q65A0518	GURRAM MAHESH VARDHAN	30000
90	20Q65A0519	NAGULA SAIKIRAN	30000
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92	18Q61A05A8	VALAVALA VENKATA SANTOSH	4500
93	18Q61A0558	NAGATI LIKHITH KUMAR	20000
94	18Q61A0553	NAMBI NANDINI	5000
95	18Q61A0448	BOPPA MADHU	6000
96	19Q61A0453	ADHHIKARI PANDU SIVA SAI MANIKANTA	30000
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99	19Q61A0456	AVULURI VENUGOPAL REDDY	15000
100	19Q61A0457	BANDARUU RAJU	20000
101	19Q61A0458	BHEEMANABOINA SAIKIRANN	10000
102	19Q61A0459	DEVESH AGARWAL	10000
103	19Q61A0460	GUDA RAHUL	20000
104	19Q61A0461	GUDURI PRASHANTH KUMAR	22500
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124	19Q61A0481	AITHAGONI VENKATESH	30000
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130	20Q65A0419	ATTANI MAHESH YADAV	45000
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132	20Q65A0421	BHARATHA GEETHA	35000
133	20Q65A0422	CHITTUMALLA SHARATH CHANDRA	30000
134	20Q65A0423	DESHAGANI BHARATH CHANDRA	45000
135	20Q65A0424	GUDISE DIVYA	35000
136	20Q65A0425	KARUPOTHULA SHYAM SUNDER	25000
137	20Q65A0426	KAVATI KARTHIK	30000
138	20Q65A0427	KOTHAPELLI ARUNKUMAR	35000
139	20Q65A0428	MOHITE RAHUL	35000
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141	20Q65A0430	VASAMPALLI SOWJANYA	40000
142	20Q65A0431	VASAMPALLY SRAVANTHI	40000
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155	20Q65A0210	CH PREM TEJA	30000
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157	20Q65A0212	DHARIPALLY KRISHNA REDDY	30000
158	20Q65A0213	GAJJELA DAYANAND	30000
159	20Q65A0214	GAJJELA SRAVANI	30000
160	20Q65A0215	KANUKUNTLA ESHWAR	30000
161	20Q65A0216	KARRAVULA SHASHIDHAR	35000
162	20Q65A0217	KATIKOJULA SOUMYA	30000
163	20Q65A0218	KORIPALLY ROHITH KUMAR	35000
164	20Q65A0219	M KESHAVULU YADAV	30000
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166	20Q65A0221	MATHANGI VINEELA	30000
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168	20Q65A0223	MOHAMMAD ABDUL RAHMAN	35000
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189	20Q65A0307	A ANAND	40000
190	20Q65A0308	ANNAREDDY GANESH	35000
191	20Q65A0310	GORLA NAVEEN	40000
192	20Q65A0311	JADHAV SOPAN	40000
193	20Q65A0312	JOGU RAJU	35000
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197	20Q65A0316	MARRU THARUN	40000
198	20Q65A0317	PAGADALA SRILEKHA	40000
199	20Q65A0318	RAMAVATH MATHRU	35000
200	20Q65A0319	SABHAVATSAINAIK	35000
201	20Q65A0320	SAMPANGI SURYA KIRAN	40000
202	20Q65A0321	SOMALA GOUTHAMI	35000
203	20Q65A0322	SOPPARWAR MANESH	35000
204	20Q65A0323	YEDLA VENU GOPALA KRISHNA	42000
205	20Q65A0324	V KIRAN KUMAR	35000
206	18Q61A0536	BARLA SOUMY	7500
207	18Q61A0538	GANJI RAHUL	10000
208	18Q61A0540	KUNCHALA NAVYA	10000
209	18Q61A0542	SANGARS SWETHA SRI	8000
210	18Q61A0543	ARIKATLA SRAVANI	10000
211	18Q61A0546	D SAI RAJ	3000
212	18Q61A0549	JALAGIRI RAHULMUDIRAJ	3500
213	18Q61A0551	MARAM NAGARJUNA REDDY	10000
214	18Q61A0552	MOHAMMED FARHAN	5000
215	18Q61A0554	PALLERLA GOPI REDDY	10000
216	18Q61A0555	PARSHAPAG KEVINMATTHEW	10000
217	18Q61A0557	PULIPATI SHYAMSUNDER	5000
218	18Q61A0560	R SURESH REDDY	5000
219	18Q61A0596	BOYA MOHIT	5000
220	18Q61A0598	GURIJALA KEERHI SAGAR	5000
221	18Q61A05A1	POLEPALLY NAGARAJU	5000
222	18Q61A05A3	K BHARATH KUMAR REDDY	15000
223	18Q61A05A6	SATTU SAIKIRAN	15000

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226	18Q61A05B2	CHALLA NITHISH REDDY	10000
227	18Q61A05B3	CHERUKUMALLI VASU BABU	5000
228	18Q61A05B4	SAMA SHRAVANI	5000
229	18X61A0512	JALADI SAI TEJA	20000
230	17Q61A0572	KAMAKANTI PRANAY	5000
231	18Q61A0444	ANTHANOLLA KUPENDER REDDY	20000
232	18Q61A0446	BHUPANI VENKATA SAI KRISHNA	18000
233	18Q61A0449	CHALLAGUNDLA SRAVYA	16500
234	18Q61A0451	CHENNU PAVANI	6000
235	18Q61A0452	CHINTAPALLI RAMYASRI	15000
236	18Q61A0453	CHOLLOTI AKANKSHA	10000
237	18Q61A0455	GANDHE PRAVIN	15500
238	18Q61A0456	JINKALA ANIL KUMAR REDDY	9500
239	18Q61A0457	KANDE AKHIL SAI	10000
240	18Q61A0458	KARANAM DIVYA BHANU	13000
241	18Q61A0459	VORUGANTI SHRAVANI	25000
242	18Q61A0460	KOLANU AJAYKUMAR	15500
243	18Q61A0461	MAINAMPATI MEGHANA REDDY	15000
244	18Q61A0464	POLOJU SHIVA KUMAR	15000
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247	19Q65A0421	DETTI CHANDU	30000
248	19Q65A0422	DEVARIGARI SATYA PRASAD	25000
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253	19Q65A0427	KAKUMANI HARIKA	27500
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259	19Q65A0433	NALLA TEJA	27500
260	19Q65A0434	NELLUTLA ARUN KUUMAR	30000
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267	19Q65A0441	VANGARI RAM TEJA	30000
268	19Q65A0442	VARKALA PRAVEEN KUMAR	32500
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271	16Q61A04C5	DASARI SIVA KRISHAN	15000
272	18Q61A0221	BOMMMOJU RANJITH	30000
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274	18Q61A0223	K SANDEEP	27500
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286	19Q65A0217	GODUGU MANOHAR	25000
287	19Q65A0218	GOLAKOTI SINDHU SRI	30000
288	19Q65A0219	GUBBALA SRI CHANDANA	32000
289	19Q65A0220	JAMMULADINNE RAGHUVARMA REDDY	33000
290	19Q65A0221	KANURU TEJA	30000
291	19Q65A0222	KONAPARTHI KALYAN KUMAR	30000
292	19Q65A0223	L YASHWANTH	30000
293	19Q65A0224	LAKNAPURAM NIRANJAN REDDY	25000
294	19Q65A0225	LINGAMPALLI SAICHARAN	32000
295	19Q65A0226	MADASU PRANAY	30000
296	19Q65A0227	MADOORI SUMANTH	34500
297	19Q65A0228	MEDARAPU RAJ KUMAR	30000
298	19Q65A0229	NAKKA MADHU KRISHNA	30000
299	19Q65A0230	NALLAMALLA SAI CHARITHA	30000
300	19Q65A0231	PUTLA SRINIVAS	33000
301	19Q65A0232	R VAMSHIKRISHNA	32000
302	19Q65A0233	RAGAM SAISHYAM	32000
303	19Q65A0234	RAYABARAPU SANDEEP KUMAR	30000

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304	19Q65A0235	SHAIK THASLEEM	30000
305	19Q65A0236	SIRAGONI MADHAVI	32500
306	19Q65A0237	TANGELLA AISHWARYA	25000
307	19Q65A0238	THUPAKULA GOPI CHAND	35000
308	19Q65A0239	VADDE SRINIVASULU	25000
309	19Q65A0240	VINAY VELDANDI	25000
310	18Q65A0233	T HEMANTH KUMAR	30000
311	18Q61A0306	JOSHI ANIRUDH CHARY	25000
312	18Q61A0307	R SACHIN	25000
313	19Q65A0317	ADDALA RAJESH BALU	30000
314	19Q65A0318	AKULA SHASHI PREETHAM	30000
315	19Q65A0319	AKULA UUDAY	25000
316	19Q65A0320	BAPANIPALLY DIWAKAR	32500
317	19Q65A0321	BAREDDY NARAYANA REDDYY	37500
318	19Q65A0322	BEESA NAVEEN	37000
319	19Q65A0324	BHUKYA KALYAN	37500
320	19Q65A0326	CHANDRAGIRI MANISHANKAR	35000
321	19Q65A0327	CHETTY VIKAS	30000
322	19Q65A0329	DHARANI NARESH	30000
323	19Q65A0330	GANDHAM PAVANKALYAN	35000
324	19Q65A0331	GATTU POOJITHA	35000
325	19Q65A0332	GOVVALA VIJAY KUMAR	35000
326	19Q65A0333	GUMPULA UUDAYKIRAN	25000
327	19Q65A0334	GUNDA DILEEP	30000
328	19Q65A0336	ISUKAPATLA ASHISHCHANDAN	35000
329	19Q65A0338	KASHAPOGU MOSES	32500
330	19Q65A0339	KONAPARTHI MURALI KRISHNA	30000
331	19Q65A0340	KORRA RAVI KUMAR NAYAK	37500
332	19Q65A0341	KUMMULA UMAKANTH	35000
333	19Q65A0342	KUNSOTH JAYANTH KUMAR	30000
334	19Q65A0343	MADUURI HARISH	40000
335	19Q65A0344	MATTA RAKESH	40000
336	19Q65A0346	P RITHVIK KUMAR	35000
337	19Q65A0347	PALADUGU AMARNATH	32500
338	19Q65A0348	SHAIK USMAN SHAREEF	30000
339	19Q65A0349	THODETI GOPALAKRISHNA	35000
340	19Q65A0350	VADLA NIKHIL	32500
341	19Q65A0351	VAKULABHARANAM PRANAV	30000
342	19Q65A0352	VEMULA SURESH	30000
343	17Q61A0327	DESHAGONI RAKESH	20000

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl) R.R.Dist

344	21Q61E0043	SARITHA S	10000
345	21Q61E0044	POOJITHA B	14000
346	21Q61E0045	N SRIKANTH	7000
347	21Q61E0046	MADHARAPU RANGA RAO	12500
348	21Q61E0048	YARRAMREDDY CHINNA ANJI REDDY	15000
349	21Q61E0049	J HELKANA	13000
350	21Q61E0050	V KAVERI	10000
351	21Q61E0051	VADDEPALLY PAVITHRA	10000
352	21Q61E0052	BOBBALA SAMATHA	10000
353	21Q61E0053	MUDDU VENKATA SHIVA KUMAR	12500
354	21Q61E0054	SOWMYA MALKAJGIRI	15000
355	21Q61E0055	SOWMYA TADICHETTU	27000
356	21Q61E0056	BEJJAM KARUNAKAR	15000
357	21Q61E0057	MOHAMMAD AFIRID	15000
358	21Q61E0058	KARKOLA KALPANA	15000
359	21Q61E0059	G.SUNITHA	15000
360	21Q61E0060	G ANKITHA	15000
361	21Q61E00A3	B JEEVAN	15000
362	21Q61E00A4	E PAVANKALYAN	15000
363	21Q61E00A5	B SRAVAN KUMAR	15000
364	21Q61E00A6	BADAM PAVAN KUMAR	7000
365	21Q61E00A7	MANAMALLA RAJESHWARI	15000
366	21Q61E00A8	MANAVALLA ARAVIND	15000
367	21Q61E00A9	DABBIKAR SOWMYA	15000
368	21Q61E00B0	BONKURI PRANAYA SRI	5000
369	21Q61E00B1	BEGAVI SAI KRISHNA	15000
370	21Q61E00B2	SHAIK RAWOOF	15000
371	21Q61E00B3	R THIRUMALESH	15000
372	21Q61E00B4	BANDARU SAI KUMAR	15000
373	21Q61E00B5	KADARI SHIVA PRASAD	15000
374	21Q61E00B6	A HARISH KUMAR	15000
375	21Q61E00B7	ParichiAtchyuthBalaramasarma	15000
376	21Q61E00B8	BUSHIGAMPALA LIKHITHA	15000
377	21Q61E00B9	RAGIPANI AKHIL CHARY	10000
378	21Q61E00C0	JUVERIA TABASSUM	15000
379	21Q61E00F8	MOHAMMED ANWARPASHA	15000
380	21Q61E00F9	KANDULA MAHANANDA REDDY	12500
381	21Q61E00G0	SK BABAR	15000
382	21Q61E00G1	YAMJALA BHAVANA	16000
383	21Q61E00G2	GANGANI MOUNIKA	15000

PRINCIPAL
Avanthi Institute of Engg. & Tech.

384	21Q61E00G3	NAGOJU LAXMI PRASANNA	10000
385	21Q61E00G4	MUPPALLA MAMATHA	15000
386	21Q61E00G5	YELLANKI SRIKANTH	15000
387	21Q61E00G6	GUNDLA DURGA	15000
388	21Q61E00G7	KESHAGONI JESHWANTH	15000
389	21Q61E00G8	TUSAMAD SANJANA	15000
390	21Q61E00G9	JILLA SRIDHAR	15000
391	21Q61E00H0	GAJULA SRI LAKSHMI TIRUPATHAMMA	20000
392	21Q61E00H1	CH SHIVA SAI GUPTHA	15000
393	21Q61E00H2	KODIGANTI VIJAYA LAXMI	15000
394	21Q61E00H3	PEDDINTI SUSHMA REDDY	15000
395	21Q61E00H4	MUSKU PREETHI	15000
396	20Q61E00A9	BARDARKER SAI BHAVANI	10000
397	20Q61E00B0	CHALAVADI VENU GOPAL	20000
398	20Q61E00B1	DEEPAK PANDA	5000
399	20Q61E00B3	LANKA RAMYA	10000
400	20Q61E00B4	MOHAMMAD AMREEN	15000
401	20Q61E00B5	MOHAMMAD SOHEL	15000
402	20Q61E00B6	OBULAREDDY RAVINDERAREDDY	5000
403	20Q61E00B7	OM PAVANI KOTA	20000
404	20Q61E00B9	SURAKANTI RAVALI	5000
405	20Q61E00C0	SHAIK ATA UR RAHMAN	20000
406	20Q61E00C1	SUNKARI SHIRISHA	5000
407	20Q61E00C2	NAGULAPALLI JHANSI	15000
408	20Q61E00C3	LLOLLU SWAPNA	15000
409	20Q61E00C4	K VENKATA GOPALA KRISHNA REDDY	20000
410	20Q61E00C5	GUDUGU KEERTHANA	11000
411	20Q61E00C6	RAY BITIKA	5000
412	20Q61E00C7	HARINATH PENDEM	15000
413	20Q61E00C8	NAZIA BEGUM	15000
414	20Q61E00C9	JANGAM KAVYA REDDY	10000
415	20Q61E00D0	PATEL ABHISHEK REDDY	10000
416	20Q61E00D1	RATHLAVATH SHANKAR	15000
417	20Q61E00D2	BHARATHA SAI VARDHAN REDDY	15000
418	20Q61E00D3	GODHA SONY	10000
419	20Q61E00D4	GUDURU SAMPATH REDDY	15000
420	20Q61E00D5	DESHABOINA HAREESH	15000
421	20Q61E00D6	BOMMANI MALLIKARJUN	10000

PRINCIPAL
Avanthi Institute of Engg. & Tech
Gunthapally (V), Abdullapurmet (Mdl) R.R.Dist.

422	20Q61E00D8	PARNE AVINASH REDDY	10000
423	20Q61E00D9	GUTHA VINAY KUMAR REDDY	10000
424	20Q61E00E0	VADDEPALLY MANISHA	15000
425	20Q61E00E1	PALLERLA SAI KISHORE KUMAR	15000
426	20Q61E00E2	PASALA VINAY RAJU	15000
427	20Q61E00E3	SURKANTI MAHEPAL REDDY	10000
428	20Q61E00E4	TUMMALAPALL Y SAINATH REDDY	15000
429	20Q61E00E5	KATTA RANJITH KUMAR	15000
430	20Q61E00E6	BDHANALAXMI	10000
431	20Q61E00E7	GUVVALA SHIVA VARA PRASAD	10000
432	20Q61E00E8	DOPATHI GAMANISRI	15000
433	20Q61E00E9	PRODATURU SHIVA KUMAR	15000
434	20Q61E00F0	B PALLAVI	15000
435	20Q61E00F1	THATHARI SUNNY	15000
436	20Q61E00F2	VARDALLE SHRAVAN KUMAR	15000
437	20Q61E00F3	REVANURU SRAVAN TEJA	15000
438	20Q61E00F4	SARVIGARI AKHILESHWARREDDY	15000
439	20Q61E00F7	N GANGA	15000
440	21Q61D5713	KASARAMONI KUMAR	17000
441	21Q61D5714	NELANTI PRIYANKA	17000
442	21Q61D5715	P ARUNA	17000
443	21Q61D5810	GURRALA SRI KANYA	57000
444	21Q61D5811	KOMPALLI NIKITHA	17000
445	21Q61D5812	PATTIPAKA HARIKA	17000
446	21Q61D5814	V SOWJANYA	9500
447	21Q61D0718	BODA HARIPRIYA	12000
448	21Q61D0720	DAYYALA LENINA	19500
449	21Q61D0721	DONGRA SAI MADHAV	12000
450	21Q61D0722	RAVI ETTIMALLA	14500
451	20Q61D0717	PASULA HARSHA KISHORE	5000
452	20Q61D0718	POCHIMIREDDY SURESH REDDY	1000
453	20Q61D0719	SHAIK MUZAFFAR	12000
454	20Q61D0720	PERIKETI PRIYANKA	7000
455	20Q61D0721	NEELAKANTAM SAI PAVAN KUMAR	12000
456	20Q61D5811	PINNAPUREDDY MAMATHA	1000
457	20Q61D5813	SYED MAZHAR ALI	17000
458	20Q61D5814	SADEEDA ULFAT AARA	17000
459	20Q61D5815	UDUTHA JYOTHI	30000

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl), R.R.Dist

460	20Q61D5817	BATTU JHANSI	2000
461	20Q61D5818	KORTALWAR SUMASVI	17000
462	20Q61D5714	BHASKARA BHAVANI	17000
463	20Q61D5715	GUNDEBOINA SANTHOSHINI	17000
464	20Q61D5716	KAMBAMPATI VAMSHINADH	17000
465	20Q61D5717	KETHAN TINGILKAR	7000
466	20Q61D5718	MURARI MOUNIKA	5000
467	21Q61A05B5	P KAMAL	65000
468	21Q65A0417	GURRALA PREAM SAI	65000

Total Students Count: 468 **TOTAL AMOUNT: Rs 95,12,000**

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

30 - May - 2022.

To
The principal
Avanthi collage of Technology.
Hyderabad

Sub:- Requesting for collage fee concertion of , 15000.

Iam Mohammad Afrid Hall:- 21Q61E0057 Branch:- MBA.

Iam requesting you to give concertion of my collage fee of 15000, my family is facing money issues financeral loss in the market so please. give concertion of my collage fee. of 15000

Thanking you sir

Accepted

yours faithfully
Mohammad Afrid
1st yr MBA.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist

11- March -2022

To,

Principal,

Avanthi Institute of Technology.

Guntapally,

From

Malreddy Aditya

IInd yr CSE.

Sub:- Requesting for fee consertion

I am M. Adithya htno:- 20Q61A0591 Branch:- IInd yr CSE I am not able to pay my collage fee because of my father ~~get~~ attaked by heart stroke he is admitted in a hospital so, please get the consertion of 15000 of my collage fee

Thanking you sir

Yours faithfully

M. Adithya.

IInd yr CSE.

Accepted

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

31/Mar/2022.

To
The principal
AVIH
Gunthapally
Hyderabad

Sub: Requesting for collage fee Concession.

Respected sir,

I am Shaik Ata ur Rahman bearing roll no: 20Q61E00C0. I would like to request for my collage fee Concession which is 20000/- ie we had financial crisis at our house. My parents had CODIV during pandamic and had effect on our financial status. So, I kindly request you to concess my collage fee.

Thank you,

Yours faithfully,

Shaik ata ur rahman
20Q61E00C0
AVIH.

Accepted

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist

20 April 2022

To

The principal

Avanthi Institute of Engineering college

Gunthapally.

Iam student from DONAGRA SAI MADHAV. 21Q61D0721 ~~[illegible]~~. I am requesting to you sir please give me permission grant fee concession 12000. Because my family was big financial problem because my brother was in hospital due to Accident. so if you given permission to me fee concession 12000. then You helped me our family.

Your sincerely:

ponagra sai Madhav

21Q61D0721.

Accepted

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist

22- March - 2022

To
The Principal
AVIH, Gunthapally
Hayathnagar

Sub: Application for fee concession

Respected Sir,

I am Gorla Naveen of III Year Mech with roll no 20Q65A0310 and I am writing to request you to grant me a fee concession as my father was diagnosed with pancreatic cancer and is undergoing chemotherapy. We are in a very tight financial situation and cannot afford to pay my fees.

I ask for your understanding in this matter and ask you to grant me a fee concession of

Rs. 40000

Yours Sincerly
Gorla Naveen
20Q65A0310

Accepted

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist

Letter

Date: 11/March/2022.

To

The principal sir,

AVIH

Gunthapally

Sub: concession of tuition fee Day

Sir, Iam Challagundla Sravya from II year CSE AVIH H.NO: 18Q61A0449. Sir I am not able to pay my tuition fee is 16500 because. my father met with an accident. so please concession of fee. so, please kindly grand tuition fee concession.

Thanking You.

Accepted

Yours faithfully

Sravya.C

18Q61A0449

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist

Date : 20/Mar/202

To
The
Principal Sir
AVIH
Guntthapally
Hyd

Sub: Requesting for tution fee Concession.

Sir, I am P. Sai Vamshi (18Q61A0541) of your college. Sir I am Unable to pay my tution fee of rupees 10000. Sir my house burnt in a fire accident last month. Our money and everything burnt in that accident please grant me fee concession.

Thank You

Yours faithfully

P. Sai Vamshi
18Q61A0541.

Accepted

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

Date: 10/3/2022

To,
the,
Principal Sir,
AVIH
Guntapally,
Hyd.

Sub: Tuition fee concession.

Sir,

I am G. Vinisha with roll no: 18Q61A0547 of 3rd year CSE of AVIH. Sir, I am not able to pay my tution fee as my father met with an accident last month. So, sir please grant me fee concession of ₹ 5000/-

Thank you

Yours faithfully
G. Vinisha
AVIH
18Q61A0547

Accepted

PRINCIPAL
Avanthi Institute of Engg. & Tech.
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist.

Date : 20/Mar/2022

To,
The,
principal sir,
AVIH,
Gunthapally
Hyd

Sub : Requesting for tution fee concession.

Sir, I am G. Rakshith with roll no : 19Q61A05F2 of 3rd year CSE of your college. Sir, I am not able to pay my tution fee because my father is in ICU. So, please kindly grant me fee concession of ₹ 20000.

Approved

Thank you

Yours Obidiently
G. Rakshith
19Q61A05F2.
AVIH
CSE.

PRINCIPAL
Avanthi Institute of Engg. & Tech.
Guntihapally (V). Abdullapurmet (Mdl) R.R.Dist

13 / May / 2022

To

The Principal,

AVIH,

Guntha Pally,

Hyderabad.

Sub:- Reg for fee Consultation.

I am. M. Aravind of 1st year. I am unavailable to pay fee. Because of my father was experied. so Please give me 15,000/- Consultation. Please do the need full

Thanking you Sir.

Approved

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

Yours faithfully.

M. Aravind.

21Q62E0048.

1st year Mba.

Date:- 12/03/2022.

To
The principal Sir,
AVIH,
Gunthapally.

Sub:- Requsthy for fee Amount concession

Respected Sir,

I Gurrala Pramsai, 21Q65A0417. My father is working in this college. please consider this. please give the concession of my fee Amount Rs. 65,000/-. please do the needful.

Thanking you Sir

Approved
Staff welfare.

Yours faithfully
G. Pramsai.
21Q65A0417.

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, Recg. By Govt. of T.S& Affiliated to JNTUH, Hyderabad)
NAAC "B++" Accredited Institute
Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.
www.aietg.ac.in email:principal.avanthi@gmail.com

Gunthapally,

Date: 19-12-2022.

To

The Governing Body (GB),
Avanthi Institute of Engineering & Technology,
Gunthapally.

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

Reference: 1. Avanthi Freeship Internal Policy.

Dear Sir/Madam

This is to request you please sanction amount of Rs. 1,28,000 (One lakh twenty eight thousand Rupees) for 32 students into the college budget for the academic year 2022-23.

The details are also enclosed for your consideration

Thanking you sir

Yours faithfully,

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S& Affiliated to JNTUH, Hyderabad)
NAAC "B++" Accredited Institute
Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.
www.aietg.ac.in email:principal.avanthi@gmail.com

Merit Scholarship Students List with Amount Academic Year: 2021-2022

The following is the list of students 28 are selected from Avanthi Freeship Policy. As per the merit the academic toppers are selected and given among them will receive prizes, with the first topper awarded Rs. 5000 and the second topper receiving Rs. 3000.

S.No	Branch	Year	HALLTICKET	NAME	MERIT	AMOUNT
1	CSE	II	20Q61A0510	BETHAPUDI SRIJA	I	5000
2	CSE	II	20Q61A0581	TIRUMALA ABHIRAMACHARY	II	3000
3	CSM	II	20Q61A6616	PARUPALLY GIRIJA	I	5000
4	CSM	II	20Q61A6623	CHINTHAKINDI MURARI	II	3000
5	CSD	II	20Q61A6704	M JYOTHI	I	5000
6	CSD	II	20Q61A6702	BOBBULOLU PAVANI	II	3000
7	ECE	II	20Q61A0431	YERRA MOUNIKA	I	5000
8	ECE	II	21Q65A0409	NADIKUDI ANUSHA	II	3000
9	EEE	II	20Q61A0205	GUGULOTHU KAMESH BABU	I	5000
10	EEE	II	20Q61A0207	GUNDEBOYINA RACHANA	II	3000
11	MECH	II	20Q61A0303	S SHIVAJI	I	5000
12	MECH	II	21Q65A0304	SEETHA SINDHU	II	3000
13	CSE	III	19Q61A0597	SIDDIPETA JENNY JAMES	I	5000
14	CSE	III	19Q61A05B1	POLASA LIKITHHA	II	3000
15	ECE	III	19Q61A0440	PEESU ALEKYA	I	5000
16	ECE	III	19Q61A0473	MULAKALA NIREESHA	II	3000
17	EEE	III	19Q61A0213	P VAMSHI	I	5000
18	EEE	III	19Q61A0209	KORRA NAVEEN	II	3000
19	MECH	III	19Q61A0303	KOTHUR THARUN	I	5000
20	MECH	III	19Q61A0308	JINNA SRINIVAS	II	3000
21	CSE	IV	18Q61A0523	MIRYALA VINAY	I	5000

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist.

22	CSE	IV	18Q61A0588	PULIPATI SOUNDARYA	II	3000
23	ECE	IV	18Q61A0407	BOGA KEERTHI	I	5000
24	ECE	IV	18Q61A0425	MANDA KALYAN REDDY	II	3000
25	EEE	IV	18Q61A0217	PULI SRIKANTH	I	5000
26	EEE	IV	18Q61A0219	VADDEPALLI JAGADEESH	II	3000
27	MECH	IV	19Q65A0303	CHETTE NAGARAJU	I	5000
28	MECH	IV	19Q65A0304	DAMERA KALYANI	II	3000

Total Students Count: 28 **Total Amount : Rs 1,12,000**

PRINCIPAL
Avanthi Institute of Engg. & Tech
Guntihapally (V), Abdullapurmet (Mdl) R.R.Dist