

IPUC ANNUAL EXAMINATION MARCH/APRIL-2022

1

SUBJECT : PHYSICS (33)

Time : 3 Hours 15 mins

Max. Marks : 70

Instructions :

1. All parts are compulsory.
2. Answers without relevant diagram/figure/circuit wherever necessary will not carry any marks.
3. Direct answers to the numerical problems without writing the relevant formula and detailed solutions will not carry any marks.

PART - A

I Answer any TEN of the following questions :

10 x 1 = 10

1. Who discovered radioactivity ?
2. Name one of the fundamental forces of nature.
3. What is a position-time graph ?
4. Give an example of a scalar quantity.
5. For what angle of projection, range of a projectile is maximum ?
6. Define impulse of a force.
7. What is a vector product ?
8. How does pressure at a point in a fluid depends on depth ?
9. Define coefficient of viscosity of a fluid.
10. Write SI unit of thermal conductivity of a solid.
11. Mention the value of temperature at triple point of water.
12. State Zeroth law of thermodynamics.
13. How does rms speed of gas molecules vary with absolute temperature ?
14. Give an example of simple harmonic motion.
15. What is meant by resonance in terms of vibrations ?

PART - B

II Answer any FIVE of the following questions :

5 x 2 = 10

16. Mention any two types of errors.
17. What is meant by centripetal force ? Give an example.
18. Write an expression for time of flight of a projectile and explain the terms.
19. Define (i) coefficient of static friction (ii) coefficient of kinetic friction.
20. State and explain Hooke's law of elasticity.
21. Mention two applications of Pascal's law of fluids.
22. Write relation between Fahrenheit scale of temperature and celsius scale of temperature and convert 95°F into celsius scale of temperature.
23. State and explain law of equipartition of energy of gas molecules.
24. At what positions the velocity of a particle in simple harmonic motion is
i) maximum and ii) minimum.
25. Write expression for apparent frequency when sound emitting source move towards a stationary listener and explain the terms.

PART - C

III Answer any FIVE of the following questions :

5 x 3 = 15

26. Check the homogeneity (correctness) of the equation $KE = \frac{1}{2} mV^2$ using dimensions of physical quantities.

(PTO)

27. Deduce the expression $v = u + at$ using velocity-time graph.
28. Obtain an expression for maximum height of a projectile.
29. Derive the expression $\text{power} = \vec{F} \cdot \vec{V}$ where the symbols have usual meaning.
30. State law of conservation of angular momentum and give two illustrations.
31. Define Young's modulus of elasticity. Write expression for Young's Modulus of a wire by method of stretching.
32. State and Explain Bernoulli's theorem of stream line flow of fluid.
33. Define i) Coefficient of linear expansion ii) coefficient of area expansion and iii) coefficient of volume expansion.
34. Derive an expression for the work done in an isothermal process for an ideal gas.
35. On the basis of assumptions of kinetic theory of gases derive an expression for pressure by an ideal gas.

PART - D

IV Answer any TWO of the following questions :

2x5=10

36. Derive the expression for magnitude of the resultant of two concurrent coplanar vectors.
37. State Newton's second law of motion and hence obtain the relation $F = ma$.
38. Prove law of conservation of energy of a freely falling body.
39. State and explain i) perpendicular axes theorem ii) Parallel axes theorem.

V Answer any TWO of the following questions :

2x5=10

40. Derive expression for escape speed of a body from the surface of Earth and mention its value.
41. Explain Carnot's cycle with a pressure - volume diagram.
42. Arrive the expression for the time period of horizontally oscillating spring on a friction less surface.
43. Write Newton's formula for speed of sound in gases. Discuss Laplace's correction.

VI Answer any THREE of the following questions :

3x5=15

44. A police van moving on a high way with a speed of 36 Kmph fires a bullet at a thief's car speeding away in the same direction with a speed of 180 kmph. If the muzzle speed of bullet is 150 ms^{-1} , with what speed does the bullet hit the thief's car.
45. A train of mass 16800 Kg is pulled by its locomotive with a force of 10000 N and its speed increases from 10 ms^{-1} to 12 ms^{-1} in a distance of 50 m. Calculate the resistive force assumed constant in that distance.
46. A pump on the ground floor of a building can pump up water to fill a tank of volume 50 m^3 in 20 minutes. If the tank is 30 m above the ground and the efficiency of the pump is 40%. How much electric power is consumed by the pump ? (Density of water 1000 Kg m^{-3}).
47. A metre stick is balanced on a knife edge at its center. When a coin of mass 20 g is placed at 15.0 cm mark of the stick, the stick is found to be balanced at 40.0 cm mark. Calculate the mass of the metre stick. What is the shift in balancing point ?
48. A body weighs 720 N on the surface of Earth. What is the gravitational force on it due to earth at the height equal to half the radius of the Earth ?
49. How much heat is required to melt 2 Kg of ice at -10°C and raise its temperature to 100°C ?
Latent heat of fusion of ice = $336 \times 10^3 \text{ J kg}^{-1}$
Specific heat capacity of ice = $2.1 \times 10^3 \text{ J kg}^{-1} \text{ K}^{-1}$
Specific heat capacity of water = $4.2 \times 10^3 \text{ J kg}^{-1} \text{ K}^{-1}$
50. For travelling harmonic wave $Y(x, t) = 5.0 \sin (62.8t - 0.314 x)$; where x is in centimeter and t is in second. Calculate the frequency, wavelength and speed of the wave.

I-PUC ANNUAL EXAMINATION MARCH/APRIL-2022

1

SUBJECT : CHEMISTRY (34)

Time : 3 hours 15 minutes

Max. Marks : 70

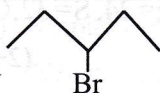
Instructions :

1. The question paper has FOUR parts. All parts are compulsory.
2. a) Part - A carries 10 marks. Each question carries 1 mark.
b) Part - B carries 10 marks. Each question carries 2 marks.
c) Part - C carries 15 marks. Each question carries 3 marks.
d) Part - D carries 35 marks. Each question carries 5 marks.
3. Write balanced chemical equations and draw labelled diagrams wherever necessary.
4. Use log tables and simple calculator if necessary. (Use of scientific calculator is not allowed)

PART - A

I Answer any TEN of the following . Each question carries one mark : 10x1=10

1. Write the scientific notation for 0.003.
2. What is an isolated system ?
3. State Modern periodic law.
4. Write the Lewis dot structure for oxygen molecule.
5. Calculate the oxidation number of manganese in potassium permanganate.
6. Water has exceptionally high boiling point. Give reason.
7. What is the general name for first group elements ?
8. Potassium is lighter than sodium. Why ?
9. Name the P-block elements which do not have P-orbital.
10. What is the chemical name for in-organic benzene ?
11. Write the functional group for aldehydes.
12. Write the IUPAC name for



13. Mention the hybridisation of Carbon atom of alkane.
14. What is siltation ?
15. Write BOD value for pure water.

PART - B

II Answer any FIVE of the following. Each question carries 2 marks 5x2=10

16. State Hund's rule of maximum multiplicity.
17. What is an extensive property ? Give an example.
18. (i) Define van der Waals' radius
(ii) Abrupt increase in the atomic size of Neon. Give reason.
19. Mention any two differences between sigma (σ) and Pi (π) bond.
20. Write any two conditions for the combination of atomic orbitals.
21. What is a redox reaction ? Give an example.
22. How does aluminium react with dinitrogen ? Give equation.
23. Distinguish between Inductive Effect and Electromeric Effect.
24. Explain Wurtz reaction with an example.
25. What is the greenhouse effect ? Name any one gas responsible for the greenhouse effect.

P.T.O

PART - C

III Answer any FIVE of the following. Each question carries 3 marks.

5x3=15

26. What is electron gain Enthalpy ? How does it varies along the period and down the group ?
27. Explain sp^2 hybridisation by taking BF_3 as an example.
28. Calculate the bond order for oxygen molecule and comment on its magnetic property.
29. Write any three postulates of Molecular orbital theory [MOT].
30. Balance the following Redox equation by half-reaction method
 $Cr_2O_7^{2-} + Fe^{2+} \longrightarrow Cr^{3+} + Fe^{3+} + H_2O$ (in acidic medium)
31. Explain Clark's method to remove temporary hardness of water.
32. What is diagonal relationship ? Write any two diagonal relationship between lithium and magnesium.
33. Complete the following reactions.
 (i) $Ca(OH)_2 + CO_2 \longrightarrow \quad + H_2O$
 (ii) $CaCO_3 \longrightarrow \quad + CO_2$
 (iii) $2CaSO_4 \cdot 2H_2O \xrightarrow{393K} \quad + 3H_2O$ **(1+1+1)**
34. i) How to obtain borax from boric acid ?
 ii) What is inert pair effect ? **(2+1)**
35. (i) Write any two differences between diamond and graphite.
 (ii) What are Zeolites ? **(2+1)**

PART - D

IV Answer any FIVE of the following. Each question carries 5 marks.

5x5=25

36. a) State the law of definite proportion.
 b) Calculate the percentage composition of Mg in $MgSO_4$. (At mass of Mg=24, S=32, O=16)
 c) Define mole. **(2+2+1)**
37. a) A compound contains 4.07% hydrogen, 24.27% Carbon and 71.61% Chlorine. Molar mass of the compound is 98.96 g, find its empirical and molecular formula.
 b) What is limiting reagent ? **(4+1)**
38. a) Explain the significance of quantum numbers.
 b) Which series of lines in hydrogen spectrum observed in uv region. **(4+1)**
39. a) Write any three postulates of Bohr's model of an atom.
 b) (i) Write the electronic configuration for the element having atomic number 24.
 (ii) Mention the shape of d-orbital. **(3+2)**
40. a) Write any three features of Kinetic theory of gases.
 b) State Boyle's law and write its mathematical expression. **(3+2)**
41. a) Give reason for the following
 (i) Drops of water (liquid) acquire spherical shape.
 (ii) Mercury acquires concave downward meniscus.
 b) What are real gases ? Give example and write vander-waals Equation for 'n' moles of gas. **(2+3)**

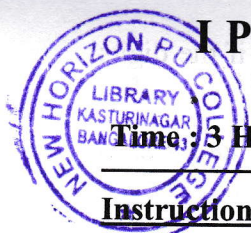
42. a)* Calculate lattice enthalpy of NaCl using Born-Haber cycle.
b) Explain Hess's law of constant heat of summation with an example. (3+2)
43. a) Calculate the enthalpy of formation of methane, given that the enthalpy of combustion of methane, carbon hydrogen are $-890.3 \text{ kJ mol}^{-1}$, -393 kJ mol^{-1} and $-285.8 \text{ kJ mol}^{-1}$ respectively.
b) What is entropy? (4+1)
44. a) Chemical equilibrium is dynamic. Justify.
b) i) What is the effect of catalyst on the equilibrium in a reversible reaction.
ii) What happens to the rate of forward reaction.
 $\text{N}_{2(\text{g})} + \text{O}_{2(\text{g})} \rightleftharpoons 2\text{NO}_{(\text{g})}$; $\Delta N = + \text{qkJ}$, when pressure is increased.
c) Write conjugate base of HF. (2+2+1)
45. a) Write K_p and K_c expression for the equilibrium reaction
 $aA + bB \rightleftharpoons cC + dD$
b) What is ionic product of water? Mention the value of ionic product of water at 298 K.
c) What is the p^H of 0.001 M HCl. (2+2+1)
46. a) Explain common ion effect with an example.
b) What is buffer solution? Give an example for acidic buffer. (3+2)

V Answer any TWO of the following questions.

Each question carries 5 marks

2x5=10

47. a) How to estimate percentage of nitrogen in an organic compound by Kjeldahl's method.
c) What is chain isomerism? Give an example. (3+2)
48. a) Explain homologous series with an example.
b) What are electrophiles? Give an example.
c) How many sigma bonds are present in $\text{H}_2\text{C}=\text{CH}_2$. (2+2+1)
49. a) Explain the free radical mechanism of chlorination of methane.
b) What is ozonolysis? Give an example. (3+2)
50. a) Explain the mechanism of nitration of benzene.
b) Write the resonance structure and resonance hybrid structure of benzene. (3+2)

**Instructions :**

- The question paper has five parts namely A, B, C, D and E. Answer all the parts.
- Use the Graph Sheet for the question on Linear inequalities in Part-D.

PART - A**I Answer any TEN questions :****10x1=10**

- Write the set $A = \{x : x \in \mathbb{R}, -4 < x \leq 6\}$ in roaster form.
- If $(x + 1, 1) = (3, 1)$ find the value of x .
- Express the angle $\frac{5\pi}{6}$ in degree measure.
- Find the modulus of the complex number $1+i$.
- Solve $30x < 200$ when x is a natural number.
- Evaluate $6!$.
- Find the fourth term in the expansion of $(x-2y)^{12}$.
- If the n^{th} term of a sequence is $a_n = 2n-5$ find a_{10} .
- Find the slope of the line $3x + 4y - 10 = 0$.
- Find the coordinate of the focus of the parabola $y^2 = 8x$.
- If a point is in the XY plane. What is its z coordinate ?
- Evaluate $\lim_{x \rightarrow 0} \frac{\cos x}{\pi - x}$.
- Write the negation of the statement " $\sqrt{2}$ is a complex number".
- Find the mean of
4, 7, 8, 9, 10, 12, 13, 17.
- Write the sample space associated with the experiment, "A coin is tossed repeatedly thrice".

PART - B**II Answer any TEN questions :****10x2=20**

- Write all the subsets of the set $A = \{a, b, c\}$.
- If X and Y are two sets such that $n(X) = 17$, $n(Y) = 23$ and $n(X \cap Y) = 38$. Find $n(X \cup Y)$.
- If $A = \{1, 2\}$ and $B = \{3, 4\}$. Write $A \times B$. How many subsets will $A \times B$ have.
- Find the Domain and Range of the real function $f(x) = \sqrt{9-x^2}$.
- A wheel makes 360 revolution in one minute. Through how many radian does it turn in one second.
- Find the value of $\sin 15^\circ$.
- Find the value of $\operatorname{cosec}(-1410^\circ)$.
- Express $i^9 + i^{19}$ in the form of $a + ib$.
- Solve : $3x-2 < 2x + 1$. Show the graph of the solution on the number line.

25. How many 3 digit even number can be formed from the digits 1, 2, 3, 4, 5, 6 if the digits can be repeated.
26. Find the equation of the line which makes intercepts -3 and 2 on the x axes and y axes respectively.
27. Find the distance between the parallel lines $3x-4y+7=0$ and $3x-4y+5=0$.
28. Find the distance between the points $P(1, -3, 4)$ and $Q(-4, 1, 2)$.
29. Evaluate : $\lim_{x \rightarrow 2} \left[\frac{x^3 - 2x^2}{x^2 - 5x + 6} \right]$.
30. Find the derivative of $\sin^2 x$.
31. Write the contrapositive and converse of the statement.
"If the two lines are parallel then they donot intersect in the same plane".
32. The coefficient of the variation is 60 and standard deviation is 21 . Find the arithmetic mean.
33. If A and B are events such that $P(A) = 0.42$ $P(B) = 0.48$ $P(A \cap B) = 0.16$
Determine i) $P(\text{not } A)$
ii) $P(A \text{ or } B)$

PART - C

III Answer any TEN questions :

10x3=30

34. If $U = \{1, 2, 3, 4, 5, 6\}$ is the universal set, and $A = \{2, 3\}$, $B = \{3, 4, 5\}$.
Verify that $(A \cap B)' = A' \cup B'$.
35. In a group of 70 people, 37 like coffee, 52 like tea and each person likes atleast one of the two drinks. How many people like both coffee and tea ?
36. Let $A = \{1, 2, 3, 4, 6\}$. Let R be the relation on A defined by
 $R = \{(a, b) : a, b \in A, b \text{ is exactly divisible by } a\}$
i) Write R in roaster form.
ii) Find the domain and range of R .
37. Prove that $\cos 3x = 4 \cos^3 x - 3 \cos x$.
38. Find the multiplicative inverse of $2-3i$.
39. Solve $\sqrt{5}x^2 + x + \sqrt{5} = 0$.
40. Find the value of n , such that ${}^nP_5 = 42 {}^nP_3$, $n > 4$.
41. Find the coefficient of x^5 in $(x+3)^8$.
42. Insert five numbers between 8 and 26 such that the resulting sequence is an A.P.
43. The sum of the first three terms of a G.P. is $\frac{13}{12}$ and their product is -1 . Find the common ratio and the terms.
44. Find the centre and radius of the circle $x^2 + y^2 + 8x + 10y - 8 = 0$.
45. Find the equation of the hyperbola where foci is $(0, \pm 12)$ and the length of the latus rectum is 36 .

(P.T.O.)

46. Evaluate $\lim_{x \rightarrow 0} f(x)$ if it exists where $f(x) = \begin{cases} \frac{|x|}{x} & \text{if } x \neq 0 \\ 0 & \text{if } x = 0 \end{cases}$.
47. Using first principle, find the derivation of $y = \sin x$ with respect to 'x'.
48. Show that the statement P : If x is a real number such that $x^3 + 4x = 0$, then x is '0' is true by the method of contradiction.
49. Find the mean deviation about the median for data
13, 17, 16, 14, 11, 13, 10, 16, 11, 18, 12, 17.
50. A die is thrown. Describe the events
A 'an odd number appears' and
B 'an even number appears'
Show that A and B are mutually exclusive and exhaustive events.
51. In class PUC I year of a college 40% students study mathematics and 30% study Biology and 10% of class study both Mathematics and Biology. If a student is selected at random from the class, find the probability that he will be studying Mathematics or Biology.

PART - D

IV Answer any SIX questions :

6x5=30

52. Define Signum function. Draw the graph of it. Also write its domain and range.
53. Prove that $\frac{\sin 5x - 2 \sin 3x + \sin x}{\cos 5x - \cos x} = \tan x$.
54. Prove that $1^2 + 2^2 + 3^2 + \dots + n^2 = \frac{n(n+1)(2n+1)}{6}$ by principle of mathematical induction.
55. Convert the complex number $\frac{-16}{1+i\sqrt{3}}$ into polar form.
56. Solve the following system of inequalities graphically :
 $x + 2y \leq 8, \quad 2x + y \leq 8, \quad x \geq 0, \quad y \geq 0.$
57. A committee of 3 persons is to be constituted from a group of 2 men and 3 women. In how many ways can this be done ?
In how many ways can a team of 3 members be selected if the team has
(i) at least one man and one woman
(ii) At least 2 women.
58. Prove that for any positive integer n
 $(a+b)^n = {}^nC_0 a^n + {}^nC_1 a^{n-1} b^1 + {}^nC_2 a^{n-2} b^2 + \dots + {}^nC_n b^n.$
59. If Arithmetic mean and Geometric mean of two numbers a and b are 10 and 8 respectively, find the numbers.
60. Derive the formula to find the distance of a point (x_1, y_1) from the line $Ax + By + C = 0$.
61. Derive the formula to find the co-ordinates of the point that divides the line joining the points (x_1, y_1, z_1) and (x_2, y_2, z_2) internally in the ratio m : n.
62. Prove geometrically that $\lim_{x \rightarrow 0} \frac{\sin x}{x} = 1$, where x is measured in radians.

(P.T.O.)

63. Find the mean deviation about the mean for the following data

Marks Obtained	10-20	20-30	30-40	40-50	50-60	60-70	70-80
frequency	2	3	8	14	8	3	2

PART - E

V Answer any ONE question :

1x10=10

64. a) Prove that $\cos(x + y) = \cos x \cos y - \sin x \sin y$ and hence prove that $\cos 2x = \cos^2 x - \sin^2 x$.

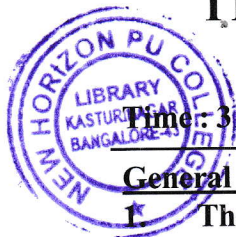
- b) Find the sum of n terms of the series,
 $1 \times 2 + 2 \times 3 + 3 \times 4 + 4 \times 5 + \dots$

65. a) Derive the formula to find the angle between two non-vertical lines with slopes m_1 and m_2 respectively. Hence find the angle between the lines $y - \sqrt{3}x - 5 = 0$ and $\sqrt{3}y - x + 6 = 0$.

- b) Prove that $\tan(x + y) = \frac{\tan x + \tan y}{1 - \tan x \tan y}$.

66. a) Define an ellipse and derive its equation in the standard form of $\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$

- b) Find the derivative of $f(x) = \frac{x + \cos x}{\tan x}$ with respect to x.



IPUC ANNUAL EXAMINATION MARCH/APRIL-2022

1

SUBJECT : BIOLOGY (36)

Time : 3 Hours 15 mins

Max. Marks : 70

General Instructions :

1. The question paper contains four parts 'A', 'B', 'C' and 'D'.
Part 'D' consists of two sections, Section – I and Section – II
2. All the Parts are compulsory.
3. Draw diagrams wherever necessary unlabeled diagram or illustration do not attract any marks

PART-A

I Answer any **TEN** of the following questions in one word or one sentence each. 10x1=10

1. Write the scientific name of Mango.
2. What is meant by phycobiont ?
3. What is an actinomorphic flower ?
4. Name the excretory organ of cockroach.
5. Who discovered nucleus of a cell ?
6. Name the bond which links two amino acids.
7. Name the two components which determine the water-potential of a given system.
8. Define the term 'Hydroponics'.
9. Name the technique employed in separating the photosynthetic pigments.
10. Define RQ.
11. Why is pancreas called a compound gland ?
12. What is meant by 'Stroke volume' ?
13. Where are bipolar neurons located ?
14. Which hormone is secreted by pineal gland ?
15. Expand GFR.

PART – B

II Answer any **FIVE** of the following questions in 3-5 sentences each, wherever applicable 5x2=10

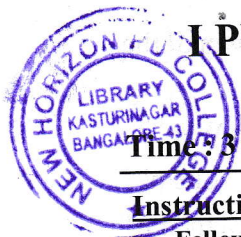
16. Classify Bacteria based on cell shape.
17. List any two differences between liverworts and Mosses.
18. What is a closed vascular bundle ? Where do you find this ?
19. Draw and label a stomatal apparatus.
20. Which are the different physical properties of water which bring about Ascent of xylem sap ?
21. Differentiate Micronutrients and Macronutrients with one example each.
22. Mention any four deficiency symptoms of essential elements in plants.
23. Write the composition of Saliva.
24. Draw and label the Transverse section of gut.
25. Mention the two components of Limbic lobe. Write any one function of the same.

PART -C

III Answer any **FIVE** of the following questions in 40-80 words each, wherever applicable. 5x3=15

26. "Growth and Reproduction are not considered as defining properties of living organisms". Give reasons.

(P.T.O)



PUPC ANNUAL EXAMINATION MARCH/APRIL-2022

1

SUBJECT : ENGLISH (02)

Time : 3 Hours 15 Minutes

Max. Marks : 100

Instructions :

- Follow the prescribed limit while answering the questions.
- Write the correct question number as it appears on the question paper.
- One mark questions attempted more than once will be awarded zero.
- For multiple choice questions choose the correct answer and rewrite it.

I Answer any TWELVE of the following in a word, a phrase or a sentence each: 12x1=12

- Who was the secretary of the commission of Enquiry in "The Gentlemen of the Jungle" ?
- Whose favour was the judgement given in "The Gentlemen of the Jungle" ?
- What drives the school boy's joy away in "The School Boy" ?
- How do the little ones spend their time in the school in "The School Boy" ?
- How much money did the narrator have in his wallet in "Oru Manushyan" ?
- What name did the narrator want to call the stranger in "Oru Manushyan" ?
- How old was Babar Ali when he actually started his school ?
- Babar Ali's father was a
a. Fish Seller b. Jute Seller c. Teacher
- What wouldn't the bird ask the tree in "If I was a Tree" ?
- How many gods sheltered inside the cow in "If I was a Tree" ?
- is the name of the river in "Watchman of the Lake" ?
- Who found sanjeevini on the mountain's crest in "Watchman of the Lake" ?
- Which crop did the farmer grow in "The Farmer's Wife" ?
- How many children did the farmer couple have in "The Farmer's Wife" ?
- The old woman's eyes are compared to
a. The Sky b. Bullet holes c. The hills crack.
- What does the speaker want to end in "The Old Woman" ?
- Where did the father of Nicola and Jacopo work as a singer in "Two Gentlemen of Verona" ?
- Where did Nicola and Jacopo go every Sunday in "Two Gentlemen of Verona" ?

II Answer any EIGHT of the following choosing atleast two from poems in a paragraph of 80-100 words each. 8x4=32

- Who was the King of the Jungle and how did he try to solve the dispute in "The Gentlemen of the Jungle" ?
- Why did the man decide to solve his problem himself in "The Gentlemen of the Jungle" ?
- What are the speaker's views about his school in "The School Boy" ?
- Give an account of the embarrassing experience of the narrator at the restaurant in "Oru Manushyan" ?
- How did the stranger rescue the narrator in "Oru Manushyan" ?
- Why did Babar Ali take the initiative to start his own school ?
- How did Babar Ali's father support his son's venture ?
- What humiliations make the speaker's wish to become a tree in "If I was a Tree" ?
- Bring out the significance of Mara's dream in the play "Watchman of the Lake".

(P.T.O)

28. What instructions did Mara give his son about the lake and the creatures in "Watchman of the Lake" ?
29. How does the farmer's wife resolve to face the problems in her life in "The Farmer's Wife"?
30. Why did the speaker's attitude towards the old woman undergo a change in "The Old Woman"?
31. Describe the courageous acts of Nicola and Jacopo during the war in "Two Gentlemen of Verona".
32. How did Nicola and Jacopo struggle to look after their sister in "Two Gentlemen of Verona"?

III Answer ONE of the following in about 200 words :

1x6 = 6

33. Babar Ali's school brought a transformation in the life of poor, underprivileged children. Discuss.

OR

Mara's sacrifice saved the Lake. Discuss.

OR

"War may destroy one's home, but not one's heart". Discuss the statement with reference to the story of the two boys, Nicola and Jacopo.

IV Read the following passage and answer the questions set on it.

10 x 1 = 10

Marie was born in 1867 in Warsaw, Poland, where her father was a professor of Physics. At the early age, she displayed a brilliant mind and a blithe personality. Her great exuberance for learning prompted her to continue with her studies after high school. She became disappointed when she learned that the University of Warsaw was closed to women. Determined to receive a higher education, she defiantly left Poland and in 1891 entered the Sorbonne, a French University, where she earned her master's degree and doctorate in physics.

Marie was fortunate to have studied at the Sorbonne with some of the greatest scientists of her day, one of whom was Pierre Curie. Marie and Pierre were married in 1895 and spent many productive years working together in the physics Laboratory. A short time after they discovered radium. Pierre was killed by a horse-drawn wagon in 1906. Marie was stunned by this horrible misfortune and endured heart-breaking anguish.

Marie was asked to succeed her husband as a physics professor at the Sorbonne. She was the first woman to be given a professorship at the world famous university. In 1911 she received the Nobel Prize in Chemistry for isolating radium. She had dedicated herself to Science and to revealing the mysteries of the Science.

34. Where was Marie born ?
35. Why did Marie become disappointed ?
36. Marie earned her master's degree and doctorate from, a French University.
37. Why was Marie considered fortunate to have studied at the French University ?
38. Whom did Marie marry ?
39. What did Marie and Pierre together discover ?
40. How did Pierre die ?
41. When did Marie get the Nobel Prize ?
42. Marie was awarded Nobel Prize for
- a) Discovering radium b) Isolating radium c) Dedication to Science
43. Add a prefix to the word 'fortunate' to form its antonym.

(P.T.O.)

V A. Fill in the blanks with appropriate articles and prepositions given in brackets: 4x1=4

44. Babar Ali must be youngest headmaster the world. He is teenager who is in charge teaching hundreds of poor children.

(of, the, in, a)

B. Fill in the blanks with suitable form of verb given in brackets: 4x1=4

45. Once upon a time an elephant (make) a friendship with a man. One day a heavy thunderstorm (brake) out, the elephant (go) to his friend, who (have) a little hut at the edge of the forest.

C. Choose the correct form of the verb that agrees with the subject : 3x1=3

46. Babar Ali (live / lives) with his three siblings and his parents in a thatched house which (are / is) the size of an average city kitchen. He (have / has) a very small house.

D. Correct the following sentences and rewrite them : 2x1=2

47. Olivia is going for Mysore.

48. Why you are late ?

E. Re-write as directed : 6x1=6

49. Nicola and Jacopo stopped the car in order to (cell / sell) wild strawberries.
(Fill in the blank with appropriate word given in brackets.)

50. Babar started his school to provide (education / educate) to poor children.
(Fill in the blank with right form of the word given in brackets)

51. Lucia / to / will / see / be / you / pleased.
(Rearrange the segments to form a meaningful sentence)

52. The Old woman guides the tourists.
(Add a question tag).

53. The narrator taught them to write addresses in English.
(Change into a question beginning with the right form of 'do'.)

54. The commission sat to take the evidence.
(Frame a question so as to get the underlined word as answer)

VI A) Refer to the following table and answer the questions set on it : 4x1=4

City	Area in Sq. kms	Population	Annual rainfall	Temp. in December
Kolkata	485	62,00,000	400 mm	32° C
Bangalore	425	52,00,000	700 mm	18° C
Chennai	460	58,00,000	590 mm	28° C

55. i) Which is the most crowded city ?
ii) Which city receives the highest rainfall ?
iii) Kolkata is hotter than
iv) Which is the coolest city ?

B 56. Write a letter to the commissioner, BBMP, Bangalore requesting him / her to repair the leakage of the main water pipe in your area.

Your letter should include;

- Location of the leakage pipe
- Pollution of drinking water due to leakage.
- Possibility of spreading contagious diseases.

VII A. Match the expression under column 'A' to its corresponding language function under 'B'. **5x1=5**

- | 57. A
(Expressions) | B
(Functions) |
|--|--------------------------|
| 1. Hello, Good Morning. | a) Requesting |
| 2. What a pity ! | b) Disagreeing |
| 3. Thank you so much | c) Greeting |
| 4. Could you please pass me the book | d) Expressing sympathy |
| 5. What you say may be right, but..... | e) Expressing gratitude. |

B. Complete the dialogue :

4x1=4

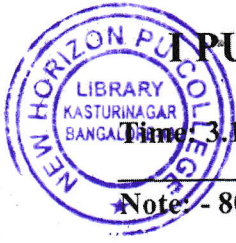
58. Krishna : Hi Shreya
 Shreya :
 Krishna : I am fine, thank you. How are you ?
 Shreya :
 Krishna : Come lets have coffee.
 Shreya : Thank you but
 Krishna : Its OK. see you later.
 Shreya :

C. Dialogue writing :

3

59. Aarthi has won the first prize in a dance competition. Shobha congratulates her. Write a dialogue between them. The dialogue should cover the following points;

- * About her preparation.
- * About her achievement.



PUC ANNUAL EXAMINATION – MARCH/APRIL- 2022

Time: 3.15 Hours

FRENCH (12)

Max. Marks: 80

Note: - 80 marks for written examination and 20 marks for oral examination

I. A. Complétez avec l'article qui convient (un, une, des, le, la, les, l')(5x1=5)

1. _____ parents de David sont avocats.
2. Vous êtes _____ bonne étudiante.
3. Italie est _____ pays européen
4. Les Français sont _____ citoyens.
5. _____ enfant est malade.

I. B. Complétez avec du, de, de la, à la, au, aux, chez ... etc (5 x 1=5)

1. Ma soeur travaille _____ Rome.
2. Mon ami va souvent _____ théâtre.
3. A midi je mange _____ cafétéria.
4. Moi, je veux le plat _____ jour.
5. Tu vas _____ restaurant.

II. A. Choisissez le bon mot : (5 x 1=5)

1. Regarde _____ appartement. (cette, ce, cet)
2. Le Collège est le parc. (avec, à, devant).
3. Carla Bruni est une _____ (bon, bonne, bons) chanteuse.
4. Il est le _____ dans sa famille. (deuxième, deux, second).
5. Nous allons organiser une _____ (belle, bel, beau).

II. B. Choisissez DIX phrases et refaites les phrases selon la consigne: (10x1=10)

1. _____ monuments sont plus célèbres. (L'Adjectif démonstratif)
2. Sophie achète des cadeaux pour _____ parents. (L'Adjectif possessif)
3. Il regarde la collection. (Mettez au pluriel)
4. Vais- au- je- musée- d'Art. (Mettez en bon ordre)
5. Ma tante est courageuse et intelligente. (Au masculin)
6. Marie est curieux. (Accordez l'adjectif)
7. Elle habite à Bangalore ? (L'interrogatif par inversion)
8. 17 (Écrivez en mots)
9. 12 : 00 h (Indiquez l'heure)

10. Elle achète un livre. (Écrivez au pluriel)
11. Vous prenez ----- café (L'article partitif)
12. par-repas-les-font-jour-Français-trois (Mettez en bon ordre)
13. Ils mangent ----- baguettes. (L'article partitif)
14. ----- sport pratiquez-vous ? (L'Adjectif interrogatif)
15. J'ai un ami. (Mettez au pluriel)

III. Reliez les phrases « A » aux phrases « B » :

(5 x 1=5)

A

B

- | | |
|---|-----------------------------|
| 1. Tu veux quelque chose ? | a) C'est Pierre |
| 2. Les nouveaux films sortent au cinéma | b) Elle est petite et mince |
| 3. C'est une femme | c) à la boulangerie |
| 4. On achète du pain | d) Non, rien. |
| 5. Qui est-ce? | e) le mercredi |

IV. A. Choisissez DIX phrases et mettez les verbes au temps indiqué : (10 x1=10)

1. Ils _____ (finir, futur proche) le cours à midi.
2. Est-ce que vous _____ (regarder, présent) le film français ?
3. Nous _____ (parler, passé composé) un peu de langue française.
4. M. Nicolas _____ (aller, futur proche) au restaurant.
5. Elles _____ (lire, présent) des magazines.
6. Mon ami ----- (manger, passé composé) des sandwiches.
7. Vous _____ (faire, présent) la promenade en montagne.
8. Nous _____ (avoir, présent) beaucoup d'amis.
9. Vous _____ (dire, présent) bonjour au professeur.
10. Nous _____ (visiter, présent) Les États-Unis.
11. Tu _____ (vendre, présent) ta voiture ?
12. Victor et Sylvie _____ (danser, présent) bien.
13. Est-ce que vous _____ (attendre, présent) le professeur ?
14. Mon amie _____ (venir, présent) d'Inde.
15. Je _____ (prendre, futur proche) le bus.

VI B. Complétez les phrases avec les expressions suivantes :

(5 x 1=5)

(souvent, jamais, 5 fois par semaine, une fois par an, en train)

Page 2

1. Il ne va _____ à la piscine ! Il n'aime pas nager.
2. Il joue souvent au tennis. Il joue-----
3. Je prends le TGV, j'aime bien les voyages _____.
4. Je vais rarement chez le coiffeur ! Je vais chez le coiffeur-----
5. Elle aime la chanson. Elle chante _____.

V A. Lisez le texte et répondez aux questions :

(5 x 1 =5)

Le guide Michelin est le plus ancien et le plus célèbre des guides gastronomiques. Il récompense chaque année les meilleurs restaurants avec les étoiles Michelin. Les meilleurs restaurants reçoivent 3 étoiles Michelin. Cette distinction récompense à la fois qualité de la nourriture, mais aussi la qualité de la vaisselle, du service, de la décoration, de l'accueil, etc. Avec 3 étoiles, un restaurant améliore sa réputation, attire plus de clients et peut augmenter ses prix. C'est pourquoi, chaque année, la plupart des restaurateurs attendent avec impatience et un peu de crainte également, la sortie du guide rouge : qui va gagner une étoile ? Qui va en perdre une ? C'est aussi une question qui intéresse le public en France et dans le monde entier.

Les questions :

1. Comment s'appelle la récompense donnée à un restaurant par le guide Michelin?
2. Combien d'étoile ont les meilleurs restaurants ?
3. Le guide évalue quels critères ?
4. Quel est l'intérêt pour un restaurateur d'obtenir 3 étoiles ?
5. Est-ce que les restaurants gardent leurs étoiles à vie ?

V. B. Lisez le texte et répondez aux questions suivantes :

(5x1=5)

La famille française moyenne est composée de quatre personnes : les parents et deux enfants. Il existe aussi des familles monoparentales (les enfants vivent avec un seul de leurs parents) et des familles recomposées (les enfants vivent avec un de leurs parents et son nouveau conjoint). Plus de la moitié des jeunes habitent chez leurs parents jusqu'à 25 ans environ. On n'habite pas avec ses grands-parents, mais les différentes générations se réunissent à l'occasion des fêtes (mariage, anniversaire, Noël ...)

Les questions :

1. La famille française est composée de combien de personnes ?
2. Qu'est-ce que c'est la famille monoparentale ?
3. On habite souvent chez ses grands – parents. Vrai ou Faux?
4. Quand toutes les générations se réunissent ?
5. Jusqu'à quel âge les jeunes habitent chez leurs parents ?

VI. Remettez le dialogue suivant dans l'ordre :

(5x1=5)

- Il y a un bon film à 22h au cinéma du centre-ville. Tu viens avec moi ? **Page 3**

- Genial, à bientôt.
- Salut mon amie!
- Rendez-vous à 22 h au centre- ville.
- Bonne idée. J'aime le cinéma.

VII. Traduisez CINQ des phrases suivantes :

(5 x 1=5)

1. Je cherche un dictionnaire français -anglais.
2. Le samedi, Luc va à la discothèque.
3. How do you write your name?
4. I am going to study this evening.
5. Est-ce que vous avez des frères et sœurs ?
6. C'est une grande famille.
7. We play football every morning.
8. Samantha likes to travel.

VIII. Répondez aux DIX questions :

(10 x 1 =10)

1. Écrivez « célibataire » au féminin.
2. Quelle est la date de votre anniversaire ?
3. Écrivez les noms des deux loisirs.
4. Comment on demande sa profession à quelqu'un ?
5. Écrivez deux parties du corps.
6. On écrit « fis » ou « fils » ?
7. Quand fête- t-on la fête de la musique ?
8. Comment on demande l'heure ?
9. Écrivez une chose qu'on peut faire pour être en forme.
10. Écrivez deux vêtements portés par les hommes et par les femmes.
11. On dit « Je suis 16 ans » Vrai ou faux.
12. On supermarché, on fait « des cours » ou « des courses » ?
13. Écrivez deux mots commencent par « belle ».
14. Écrivez le contraire de « souvent ».
15. Écrivez deux noms de couleurs.

IX. Présentez UN des personnes suivantes :

(5 x 1=5)

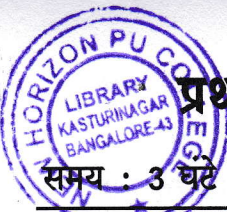
a) Présentez – le :

Zinedine Zidane - 32 ans / footballeur / français / Marseille.

OU

b) Présentez – la :

Maria Carlos – 29 ans / espagnole / infirmière / Madrid / Espagne



प्रथम पी.यू.सी. वार्षिक परीक्षा मार्च/अप्रैल-2022

1

समय : 3 घंटे 15 मिनट

हिन्दी (03)

कुल अंक : 100

- सूचना : 1. सभी प्रश्नों के उत्तर हिन्दी भाषा तथा देवनागरी लिपि में लिखना आवश्यक है ।
2. प्रश्नों की क्रम संख्या लिखना अनिवार्य है ।

I अ. एक शब्द या वाक्यांश या वाक्य में किन्हीं 6 प्रश्नों के उत्तर लिखिए : 6x1=6

- 1) ठाकुर साहब के कितने बेटे थे ?
- 2) थाली उठाकर किसने पलट दी ?
- 3) स्वामी विवेकानंद का विश्वास किन पर है ?
- 4) निंदा का उद्गम किससे होता है ?
- 5) महादेवी वर्मा की बाल्य सखी का नाम लिखिए ।
- 6) महादेवी वर्मा को किसकी पत्नियाँ चुभ रही थी ?
- 7) भीमराव का विवाह किसके साथ हुआ ?
- 8) हृदय रोग के दो रूप कौन-से हैं ?
- 9) कालिदास ने हिमालय को क्या कहा है ?

आ. निम्नलिखित प्रश्नों में से किन्हीं 3 प्रश्नों के उत्तर लिखिए : 3x3=9

- 10) आनन्दी ने अपने ससुराल में क्या रंग-ढंग देखा?

अथवा

आनन्दी का चरित्र-चित्रण कीजिए ।

- 11) शिक्षा के बारे में विवेकानंद जी क्या कहते हैं ?
- 12) निन्दा की महिमा का वर्णन कीजिए ।
- 13) बिन्दा के घर के सामने भीड़ देखकर लेखिका के मन में क्या विचार आने लगे ?
- 14) अंबेडकर जी के बाल्य जीवन का परिचय दीजिए ।
- 15) दिल का दौरा और एनजाइना रोग के प्रमुख लक्षण क्या हैं ?

II अ. निम्नलिखित वाक्य किसने-किससे कहे ? (किन्हीं 4) 4x1=4

- 16) 'जल्दी से पका दो, मुझे भूख लगी है ।'
- 17) 'अब मेरा मुँह नहीं देखना चाहते, इसलिए अब मैं जाता हूँ ।'
- 18) 'वह रही मेरी अम्मा ।'
- 19) 'तुम कभी तारा न बनना, चाहे भगवान कितना ही चमकीला तारा बनावें ।'
- 20) 'कहिए, दिल जम गया या बच गया ।'
- 21) 'यात्रा का यह अस्थायी स्नेह भी कितना पवित्र होता है ।'

आ. निम्नलिखित में से किन्हीं 2 का संसदर्थ स्पष्टीकरण कीजिए : 2x3= 6

- 22) "अभी परसो घी आया है । इतना जल्दी उठ गया ?"
- 23) "आ बेटा, तुझे कलेजे से लगा लूँ ।"
- 24) 'तुम नयी अम्मा को पुरानी अम्मा क्यों नहीं कहती, फिर वे न नयी रहेंगी और न डाँटेंगी ।'

(P.T.O)

25) “यह मार्ग अपेक्षाकृत भयानक है, इसलिये इसका सौंदर्य भी अभी अछूता है।”

अथवा

“वह आकर्षण है - सरल भक्ति का, प्रकृति के वैभव का।”

III अ. एक शब्द या वाक्यांश या वाक्य में किन्हीं 6 उत्तर लिखिए :

6x1=6

- 26) कबीर के गुरु कौन थे ?
- 27) क्रोध किसके समान है ?
- 28) संत का स्वभाव कैसा होता है ?
- 29) विष का प्याला किसने भेजा था ?
- 30) सीता जी के प्राणेश कौन थे ?
- 31) सीता की सखियाँ कौन हैं ?
- 32) नारी कहाँ पत्थर तोड़ती थी ?
- 33) कवयित्री ने यौवन के नशे में क्या देखा ?
- 34) कवि बच्चन जी ने क्या लुटाया ?

आ. निम्नलिखित प्रश्नों में से किन्हीं 2 प्रश्नों के उत्तर लिखिए :

2x3=6

- 34) तुलसीदास की रामभक्ति का वर्णन कीजिए।
- 35) मीराबाई की कृष्णभक्ति का वर्णन कीजिए।
- 36) ‘कुटिया में राजभवन’ कविता का आशय संक्षेप में लिखिए।
- 38) किन परिस्थितियों में नारी पत्थर तोड़ रही थी ?
- 39) बच्चन जी की कविता का मूल भाव लिखिए।

इ. ससंदर्भ भाव स्पष्ट कीजिए :

2x4=8

- 40) i) कस्तूरी कुंडलि बसै, मृग दूँढे बन माँहि । अथवा ii) काम, क्रोध, मद, लोभकी, जौ लौं मन में खान।
ऐसे घटि घटि राम हैं, दुनिया देखै नाहि ॥ तौ लौं पंडित मूरखौ, तुलसी एक समान ॥

- 41) i) सम्राट स्वयं प्राणेश, सचिव देवर हैं,
देते आकर अशीष हमें मुनिवर हैं, अथवा
धन तुच्छ यहाँ, यद्यपि असंख्य आकर हैं।
पानी पीते मृग, सिंह एक तट पर हैं।

- ii) शैशव के सुन्दर प्रभात का
मैंने नव विकास देखा।
यौवन की मादक लाली में,
यौवन का हुलास देखा।

अथवा

- iii) जब-जब जग ने कर फैलाये
मैंने कोण लुटाया,
रंक हुआ मैं निज निधि खोकर,
जगती ने क्या पाया ?

IV अ. एक शब्द या वाक्यांश या वाक्य में किन्हीं 6 प्रश्नों के उत्तर लिखिए :

6 x1=6

- 43) ठाकुर सरदार सिंह का लडका कहाँ पढ़ता था ?
- 43) शराबी के हाथ में कितने रुपए थे ?
- 44) बालक की आँखें किसकी सौगन्ध खा रही थी ?
- 45) श्मशान किससे बाते कर रहा है ?

(P.T.O)

- 46) पाँच वर्ष में युवक की कितनी पत्नियाँ मर गई ?
47) सन्तू की पीठ पर क्या पड़ी ?
48) वीरजी की बहन का नाम क्या है ?
49) एक चम्मच की कीमत कितनी मानी गई ?

आ. निम्नलिखित प्रश्नों में से किन्हीं 3 प्रश्नों के उत्तर लिखिए :

3x3= 9

- 50) शराबी के जीवन में मधुआ के आने के बाद क्या परिवर्तन आया ?

अथवा

मधुआ का चरित्र-चित्रण कीजिए ।

- 51) पहली पत्नी की मृत्यु पर युवक किस प्रकार विलाप करने लगा ?

अथवा

अंततः पहाड़ी ने तरस खाकर श्मशान से क्या कहा ?

- 52) वीरजी के परिवार का संक्षिप्त परिचय दीजिए ।

अथवा

संतू का परिचय दीजिए ।

V अ. वाक्य शुद्ध कीजिए :

5x1=5

- 53) i) आनंदी अपने नये घर में आया ।
ii) मुझे जाना दो ।
iii) निंदा का ऐसी ही महिमा है ।
iv) हम प्रतिदिन सबेरे तीन बजे उठता था ।
v) मंदिर में पूजा हो रहा था ।

आ. कोष्ठक में दिए गए उचित कारक चिन्हों से रिक्त स्थान भरिए :
(शनिवार, संतान, ऐसी, गौरीपुर, हाथी)

5x1=5

- 54) i) इस दरवाजे पर झूमता था ।
ii) में रामलीला के वही जन्म दाता थे ।
iii) सुन्दर को कदाचित् उसके माता-पिता भी अधिक चाहते थे ।
iv) श्रीकंठ सिंह को घर आया करते थे ।
v) बड़े घर की बेटियाँ ही होती हैं ।

इ. निम्नलिखित मुहावरों को अर्थ के साथ जोड़कर लिखिए :

4x1=4

- 55) i) खून का घूँट पीकर रह जाना a) आलिंगन करना
ii) गले लगाना b) गुस्सा करना
iii) आँखे लाल होना c) मूर्ख बनाना
iv) उल्लू बनाना d) क्रोध को दबाकर बैठ जाना ।

ई. निम्नलिखित वाक्यों को सूचनानुसार बदलिए :

3x1=3

- 56) i) हमारे शिक्षक प्रश्न करते हैं । (भूतकाल में बदलिए)
ii) बालक खा रहा था । (भविष्यत् काल में बदलिए)
iii) सीता राम के साथ वन गई थी । (वर्तमानकाल में बदलिए)

(P.T.O)

उ. अन्य लिंग रूप लिखिए : (किन्हीं 2)

2x1=2

- 57) i) भगवान ii) बालक iii) नारी

ऊ. अन्य वचन रूप लिखिए : (कीन्हीं 2)

2x1=2

- 58) i) सीमा ii) यात्रा iii) घर

ए. समानार्थक शब्द लिखिए : (किन्हीं 2)

2x1=2

- 59) i) अध्यापक ii) सहायता iii) पानी

ऐ. विलोम शब्द लिखिए : (किन्हीं 2)

2x1=2

- 60) i) उठना ii) आगे iii) ज्यादा

VI अ) निम्नलिखित अनुच्छेद पढ़कर उसपर आधारित प्रश्नों के उत्तर लिखिए: 5 x1= 5

- 61) 'लाल बहादुर शास्त्री' जी का जन्म 2 अक्टोबर 1904 को उत्तर प्रदेश के मुगलसराय में हुआ था। उनकी याद में 'शास्त्री जयंती' प्रति वर्ष भारतवर्ष में 2 अक्टोबर को मनाई जाती है। शास्त्री ने स्वतंत्रता आंदोलन में गांधीवादी विचारधारा का अनुसरण करते हुए देश की सेवा की। भारत की स्वतंत्रता के पश्चात शास्त्रीजी को उत्तर प्रदेश के संसदीय सचिव के रूप में नियुक्त किया गया था। शास्त्रीजी ने 9 जून 1964 को प्रधान मंत्री का पद ग्रहण किया। शास्त्रीजी ने देशवासियों को 'जय जवान जय किसान' का नारा दिया। वे बेहद सादगी पसंद और ईमानदार व्यक्तित्व के स्वामी थे।

प्रश्न :

- शास्त्री जी का जन्म कब हुआ ?
- शास्त्री जी ने स्वतंत्रता आन्दोलन में किस विचारधारा का अनुसरण किया ?
- शास्त्री जी किस प्रदेश के सचिव बने ?
- शास्त्री जी ने प्रधानमंत्री का पद कब ग्रहण किया ?
- शास्त्री जी का नारा कौन-सा है ?

आ) पत्र लेखन :

1x5= 5

- 62) परीक्षा में सफल होने पर बधाई देते हुए अपने छोटे भाई को एक पत्र लिखिए।

अथवा

बैंक में खाता खोलने के लिए प्रबंधक (मेनेजर) के नाम पर अवेदन पत्र लिखिए।

इ) हिन्दी में अनुवाद कीजिए : (कोई 5)

5x1= 5

- ಶ್ರೀರಂಗಪಟ್ಟಣವು ಮೈಸೂರಿಗೆ ತುಂಬಾ ಹತ್ತಿರದಲ್ಲಿದೆ.
Srirangapattana is very near to Mysore.
- ರವೀಂದ್ರನಾಥ ಟ್ಯಾಗೋರು ಶಾಂತಿನಿಕೇತನವನ್ನು ಸ್ಥಾಪಿಸಿದರು.
Rabindranatha Tagore established Shanthinikethana.
- ದಯಮಾಡಿ ಬಾಗಿಲನ್ನು ಮುಚ್ಚಿರಿ.
Please close the door.
- ಭಾರತದಲ್ಲಿ ಸಾವಿರಾರು ಹಳ್ಳಿಗಳಿವೆ.
There are thousands of villages in India.
- ನಾವು ವಿಜ್ಞಾನಯುಗದಲ್ಲಿ ವಾಸಿಸುತ್ತಿದ್ದೇವೆ.
We are living in an age of Science.
- ಕನ್ನಡ ನಮ್ಮ ರಾಜ್ಯಭಾಷೆ.
Kannada is our state language.
- ಪುಸ್ತಕಗಳು ನಮ್ಮ ಉತ್ತಮ ಮಿತ್ರರು.
Book are our best friends.
- ಹಕ್ಕಿಗಳಿಗೆ ಎರಡು ರೆಕ್ಕೆಗಳಿವೆ.
Birds have two wings.



प्रथम पी.यू.सी. वार्षिक परीक्षा मार्च/अप्रैल-2022

संस्कृतम् (09)

1

समय : 3 घंटे 15 निमिषाः

गरिष्ठअङ्काः : 100

I एकवाक्येन संस्कृतभाषया उत्तरं लिखत । (दशानामेव)

10 x 1 = 10

1. वेदाङ्गानि कति ?
2. विश्वं कस्मात् सम्भवति ?
3. रामः कान् स्वजनवत् पश्यति ?
4. चटकस्य नाम किम् ?
5. शीघ्रगः कः ?
6. भिमसेनः केन सह तुल्यः ?
7. पुरुषादिनी का ?
8. मेना कस्य पत्नी ?
9. अधोमुखी पार्वती किं गणयामास ?
10. जनाः कस्य वचनैः तुष्यन्ति ?
11. पथिकस्य नामधेयं किं ?
12. सुपर्णः कः ?
13. तृणैः के बलिनः भवन्ति ?
14. श्री महोदयस्य माता का ?
15. श्री महोदयं कञ्चडकण्वः इति नाम केन सूचितम् ?

II द्वित्रैः वाक्यैः संस्कृतभाषया, कञ्चडभाषया, आङ्ग्लभाषया वा उत्तरं लिखत ।
(पञ्चानामेव)

5x2=10

16. ब्रह्मणः स्वरूपं वर्णयत ।
17. विवादः विनाशाय इति पाठस्य शीर्षिकां समर्थयत ?
18. हनूमान् स्वपरिचयं कथं करोति ?
19. मुनयः किमर्थं हिमवतः समीपं आगताः ?
20. सुभाषिते विद्या कथं वर्णिता ?
21. कूडलसङ्गमप्रसादनस्य पद्धतिः कः ?
22. श्री महोदयस्य कृतयः ।
23. सुभाषितकारः मूर्खं कथं वर्णयति ?

III पाठनाम उल्लिख्य श्लोकानाम् अनुवादं कञ्चडभाषया-आङ्ग्लभाषया वा कुरुत ।
(त्रयाणामेव)

3x3=9

24. रक्षिता स्वस्य धर्मस्य स्वजनस्य च रक्षिता ।
वेदवेदाङ्गतत्त्वज्ञः धनुर्वेदे च निष्ठितः ॥
25. उत्तिष्ठ देहि मे मार्गं पश्य वा मेऽद्यपौरुषम् ।
मच्छासनमकुर्वाणं त्वां वा नेष्ये यमक्षयम् ॥

(P.T.O.)

26. यावन्त्येतानि भूतानि स्थावराणि चराणि च ।

मातरं कल्पयन्त्वेनामीशो हि जगतः पिता ॥

27. चलन्ति गिरयः कामं युगान्तपवनाहताः ।

कृच्छ्रेऽपि न चलत्येव धीराणां निश्चलं मनः ॥

28. इदमत्रोत्तरं न्याय्यमिति बुद्ध्या विमृश्य सः ।

आददे वचसामन्ते मङ्गलालङ्कृतां सुतां ॥

29. स्मितपूर्वाभिभाषी च धर्मं सर्वात्मना श्रितः ।

सम्यग्योक्ता श्रेयसां च न विगृह्य कथारुचिः ॥

IV पाठनाम उल्लिख्य कः कं प्रति अवदत् ? इति संस्कृतभाषया लिखत। (चतुर्णामेव)

4 x 2 = 8

30. परा चैवापरा च ।

31. मया द्रष्टव्योऽयं न्यायः ।

32. तन्नाहं भक्षयिष्यामि ।

33. निर्यातु रामः सह लक्ष्मणेन ।

34. मां साग्रहं आहूतवान् त्वम् ।

35. नागं मे वशं करोमि ।

36. चिह्नितं तव मूर्धनि ।

V दशवाक्यैः संस्कृतभाषया, कन्नडभाषया, आङ्ग्लभाषया वा उत्तरं लिखत।

(षण्णामेव)

6x5=30

37. मार्जारः शशकपिञ्जलौ कथं व्यापादयति ?

38. हनूमता कृता भीमसत्त्वपरीक्षा ।

39. ताटक वृत्तान्तः ।

40. 'कन्येयं कुलजीवितं' इति पद्यभागस्य सारांशं लिखत ।

41. ज्यौतिषिक-गुरुनायको संवादः ।

42. यमुनाहदः ।

43. दामोदरः ।

44. श्री महोदयस्य कन्नडसेवा ।

VI मञ्जूषातः सूक्त पदं चित्वा रिक्तस्थानं पूरयत ।

3x1=3

45. श्रुतेः परमार्थं न जानन्ति ।

46. स्वप्राणान् वीरपाणमकल्पयत् ।

47. मेघे स्थितः इवावभाति ।

शक्र, मूर्खाः, रामबाणस्य

VII 48. संयोजयत ।

4x1=4

अ	आ
अक्षरम् ।	महाकाव्यम् ।
दामोदरः ।	कूडलसङ्गमदेवः ।
बसवर्णः ।	कृष्णः ।
कुमारसम्भवम् ।	सुसूक्ष्मम्

VIII रेखाङ्कितानि पदानि आश्रित्य प्रश्ननिर्माणं कुरुत । (द्वयोः)

2x1=2

49. नदीतीरे धर्मवादी तिष्ठति ।
 50. मुनिः अस्त्राणि ताटकमाधिने ददौ ।
 51. विद्यार्थिनां कृते अध्ययनगोष्ठीः आयोजिता अनेन ।

IX यथा निर्देशं लिखत।(षण्णामेव)

6x2=12

52. सन्धिं विभजत(द्वयोः)
 येनात्र, श्रान्तोऽसि, अहिंसैव ।
 53. सन्धिं योजयत । (द्वयोः)
 बल + उन्मत्तः, सम्यक् + योक्ता, चलति + एव ।
 54. रिक्तस्थाने सूक्तं विभक्तिरूपं लिखत । (द्वयोः)

धनदेन		धनदैः ।
तृणम्	तृणे	।
.....	वसुधयोः	वसुधानाम् ।

55. रिक्तस्थाने सूक्तं क्रियापदरूपं लिखत ।(द्वयोः)

.....	वदावः	वदामः।
असि		स्थ ।
रक्षतु	रक्षतां	 ।

56. विग्रहवाक्यं लिखत । (द्वयोः)
 धर्मोपदेशकः, नियतात्मा, सान्तःपुरः ।
 57. समस्तपदं लिखत । (द्वयोः)
 वीराणां पानम्, क्रोधेन आविष्टः, स्थिरं चित्तं यस्य सः
 58. पदपरिचयं कुरुत। (द्वयोः)
 गत्वा, अधिगम्य, निरीक्षितुम् ।
 59. समानार्थकपदं लिखत।
 वृक्षः, सुपर्णः।
 60. विरुद्धपदं लिखत।
 प्रियम्, विषम्।

X 61. संस्कृतभाषया अनुवदत । (चत्वारि एव)

4x1=4

- 1) ಮರದಿಂದ ಹಣ್ಣು ಕೆಳಗೆ ಬೀಳುತ್ತದೆ.
A fruit falls from the tree.
- 2) ನೀನು ಏನು ಮಾಡುತ್ತಿರುವೆ ?
What are you doing there ?
- 3) ದೇವರ ಅನುಗ್ರಹದಿಂದ ಮೂಕನು ಮಾತನಾಡುವನು.
Even a dumb person can speak by the grace of God.
- 4) ಗಂಗಾನದಿಯು ಹಿಮಾಲಯ ಪರ್ವತದಿಂದ ಹರಿಯುತ್ತದೆ.
The river Ganga flows from Himalayan Mountains.
- 5) ನಾವು ಇತರರ ಸೇವೆಗಾಗಿ ಬದುಕಬೇಕು.
We should live to serve others.
- 6) ನಾಳೆ ನನ್ನ ತಂದೆಯು ನಗರಕ್ಕೆ ಬರುವರು.
My father is coming to the city tomorrow.

62. कचडभाषाया वा आङ्ग्लभाषया अनुवदत। (चत्वारि एव)

4x1=4

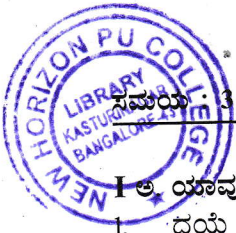
1. लवकुशौ सीतायाः पुत्रौ ।
2. वैद्यः मनुष्याणां रोगान् निवारयति ।
3. दुन्दुभेः शब्दः गम्भीरः भवति ।
4. पुरा जनकः नाम राजा आसीत् ।
5. अद्य मम शालायां वार्षिकोत्सवः प्रचलति ।
6. भारतदेशस्य संस्कृतिः सनातना वर्तते ।

XI 63. इमं परिच्छेदं पठित्वा प्रश्नानाम् उत्तराणि लिखत । (संस्कृतभाषया) 4x1=4

अस्माकं जीवने क्रीडायाः महत्वं वर्तते । क्रीडा मानवस्य नितरां आवश्यकी । क्रीडा सन्तोषं जनयति । क्रीडया शक्तिः वर्धते । उल्लासः उत्पद्यते । आरोग्यं जायते । मनः विकसति । एकताभवः सम्पद्यते । मैत्रीविस्तारं गच्छति । अतः खलु ज्येष्ठाः एकघण्टापर्यन्तं तुल्यशीलवयोभिः क्रीडितव्यमिति उपदिशन्ति । तेषामुपदेशानुसारं वयं सर्वे जीवननिर्वहणं कुर्मः ।

प्रश्नाः -

1. मानवस्य का आवश्यकी ?
2. कथा आरोग्यं जायते ?
3. क्रीडया का विस्तारं गच्छति ?
4. ज्येष्ठाः किम् उपदिशन्ति ?



ಸಮಯ : 3 ಗಂಟೆ 15 ನಿಮಿಷಗಳು

ಅ ವಿಭಾಗ

1x10=10

I ಅ. ಯಾವುದಾದರೂ ಹತ್ತು ಪ್ರಶ್ನೆಗಳಿಗೆ ಒಂದೊಂದು ಪೂರ್ಣ ವಾಕ್ಯದಲ್ಲಿ ಉತ್ತರಿಸಿ.

1. ದಯೆ ಧರ್ಮದ ಮೊನೆ ಯಾವುದಕ್ಕೆ ಇರುವುದಿಲ್ಲ ?
2. ಶಿವನು ಯಾರ ಜೊತೆ ಊಟ ಮಾಡಿದನು ?
3. ಸೌಮಿತ್ರಿಯು ಸೀತೆಯನ್ನು ಎಲ್ಲಿಗೆ ಕರೆದುಕೊಂಡು ಹೋದನು ?
4. ಗಂಗೆ ಸುರಿಯುವ ರಭಸಕ್ಕೆ ಏನೇನು ಒಂದಾದವು ?
5. ತನ್ನನ್ನು ಕ್ಷಮಿಸುವಂತೆ ಕವಿ ಯಾರಲ್ಲಿ ಕೇಳುತ್ತಾನೆ ?
6. ಗ್ರಾಮದ ಅಧಿದೇವತೆ ಯಾರು ?
7. ಜ್ಯೋತಿಷಿಗಳ ಭವಿಷ್ಯವಾಣಿ ಓದಲು ಹೇಗಿರುತ್ತದೆ ?
8. ಮಾಸ್ತರರಿಗೆ ಇನ್ನೂ ಎಷ್ಟು ವರ್ಷ ಸೇವೆ ಇತ್ತು ?
9. ಗೌತಮ ಜನಿಸಿದ್ದು ಎಲ್ಲಿ ?
10. ಬಡವರ ವಕೀಲರೆಂದು ಪ್ರಸಿದ್ಧರಾದವರು ಯಾರು ?
11. ಬೋಳೇಶಂಕರನ ಊರು ಯಾವುದು ?
12. ಪಿಶಾಚಿಗಳು ಮನುಷ್ಯರನ್ನು ಯಾವುದರ ಮೂಲಕ ಪ್ರವೇಶಿಸುತ್ತವೆ ?
13. ಬೋಳೇಶಂಕರನ ಹೊಟ್ಟೆನೋವು ಯಾವುದರಿಂದ ಮಾಯವಾಯಿತು ?
14. ಬೋಳೇಶಂಕರ ಎಲ್ಲಿ ಕುಳಿತು ಊಟ ಮಾಡಬೇಕೆಂದು ಅವನ ಅತ್ತಿಗೆ ಹೇಳುತ್ತಾಳೆ ?
15. ಕತ್ತಲೆಯ ನಿಜ ಜನಕನು ಯಾರು ?

ಆ - ವಿಭಾಗ

2x4=8

II ಅ. ಯಾವುದಾದರೂ ನಾಲ್ಕು ಪ್ರಶ್ನೆಗಳಿಗೆ 2-3 ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ.

16. ದುರ್ಯೋಧನನು ಕರ್ಣನ ದಾನಗುಣವನ್ನು ಹೇಗೆ ಪ್ರಶಂಸಿಸಿದ್ದಾನೆ ?
17. ಲೋಕ ಮತ್ತು ಕರಣಗಳ ಚೇಷ್ಟೆಗೆ ಬೀಜ ಯಾವುದು ?
18. ಕಾವೇರಿ ನದಿಯ ಮಹಿಮೆ ಎಂತಹುದು ?
19. ವೃಕ್ಷವನ್ನು ಆದಿಕೇಶವ ಹೇಗೆ ಸಲಹುತ್ತಾನೆ ?
20. ಸಿಡಿಲು ಗುಡುಗುಗಳನ್ನು ಕಳುಹಿಸು ಎಂದು ಮಾದೇವ ಯಾರನ್ನು ಕೇಳುತ್ತಾನೆ ?
21. ಸರಸ್ವತಿಯ ಸಚಿವ ಮಂಡಲದ ಸದಸ್ಯರು ಯಾರು ?

2x3=6

ಆ. ಯಾವುದಾದರೂ ಮೂರು ಪ್ರಶ್ನೆಗಳಿಗೆ 2-3 ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ.

22. ನಿಂಗಮ್ಮನ ಗಂಡ ಪ್ರಾಣ ಕಳೆದುಕೊಂಡದ್ದು ಹೇಗೆ ?
23. ರಾಗಿ ಬೀಸುವ ಕಲ್ಲನ್ನು ಕುರಿತು ಜನಪದ ಹೆಣ್ಣು ಮಗಳ ಪ್ರಾರ್ಥನೆ ಯಾವುದು ?
24. ಬುದ್ಧನು 'ವಿನಯ ಪೀಟಿಕಾ' ಗ್ರಂಥದಲ್ಲಿ ಯಾರಿಂದ ದೂರವಿರಬೇಕೆಂದು ಎಚ್ಚರಿಸಿದ್ದಾನೆ ?
25. ಗೌತಮನ ಮನೋಲೋಕವನ್ನು ನಿರಂತರವಾಗಿ ದಹಿಸಿದ ಪ್ರಶ್ನೆಗಳು ಯಾವುವು ?
26. ಆರ್ಯಪುತ್ರ ಬಂದಿದ್ದಾನೆ ಎಂದಾಗ ಶಕುಂತಲೆಯ ಪ್ರತಿಕ್ರಿಯೆ ಏನು ?

2x3=6

ಇ. ಯಾವುದಾದರೂ ಮೂರು ಪ್ರಶ್ನೆಗಳಿಗೆ 2-3 ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ:

27. ಸಾವ್ಯಾರಣ್ಣನು ತನ್ನ ಸಹೋದರರಿಗೆ ಆಸ್ತಿಯನ್ನು ಹೇಗೆ ಹಂಚಿದ ?
28. ಕೋಡಂಗಿಯು ತಾನು ಬೆಳಗ್ಗೆಯಿಂದ ಏನೇನು ಕೆಲಸ ಮಾಡಿದನೆಂದು ಹೇಳುತ್ತಾನೆ ?
29. ರಾಜಕುಮಾರಿಯ ಹೊಟ್ಟೆನೋವು ವಾಸಿಮಾಡುವವರಿಗೆ ಏನೇನು ಬಹುಮಾನ ಕೊಡುವುದಾಗಿ ಡಂಗುರ ಸಾರಿಸುತ್ತಾರೆ ?
30. ಸೈತಾನನ ಆಗಮನವನ್ನು ಭಾಗವತ ಹೇಗೆ ತಿಳಿಸಿದ್ದಾನೆ ?
31. ಸೈತಾನನಿಗೆ ಮೊದಲ ಪಂಕ್ತಿಯ ಊಟ ನಿರಾಕರಿಸಿದ್ದು ಏಕೆ ?

ಇ ವಿಭಾಗ

3x2=6

III ಅ. ಯಾವುದಾದರೂ ಎರಡು ವಾಕ್ಯಗಳ ಸಂದರ್ಭ ಸೂಚಿಸಿ ಸ್ವಾರಸ್ಯ ಬರೆಯಿರಿ.

32. ನಿನ್ನೊರೆಗೆ ದೊರೆಗೆ ಗಂಡರುಂಮೊಳರೇ.
33. ಇಲ್ಲಿಗೇಕೈತಂದೆ ಸೌಮಿತ್ರಿ.
34. ಕಂಡಿಲ್ಲ ನಾನಿನ್ನೂ ಬದುಕಿನಾಗಸದ ನೀಲ.
35. ನಗುವ ಚಂದಿರ ಕೈಗಂಟಿಕೊಳ್ಳುತ್ತಿದ್ದಾನೆ.

3x1=3

ಆ. ಯಾವುದಾದರೂ ಒಂದು ವಾಕ್ಯದ ಸಂದರ್ಭ ಸೂಚಿಸಿ ಸ್ವಾರಸ್ಯ ಬರೆಯಿರಿ.

36. ಮುದ್ದೆ ಮಾಡಲಿಕ್ಕೆ ಪಳಗಿದ ಕೈಗಳೇ ಆಗಬೇಕು.
37. ಜ್ಯೋತಿಷ್ಯ ಒಂದು ವಾಣಿಜ್ಯವಾಗಿದೆ.
38. ಈ ಬಿಸಿಲೇ ಗೌತಮನನ್ನು ಸನ್ಯಾಸಕ್ಕೆ ದೂಡಿರಬೇಕು ?

3x1=3

ಇ. ಯಾವುದಾದರೂ ಒಂದು ವಾಕ್ಯದ ಸಂದರ್ಭ ಸೂಚಿಸಿ ಸ್ವಾರಸ್ಯ ಬರೆಯಿರಿ.

39. ಇವನಿಗೇನು ಹೆಂಡತೀನೇ ಮಕ್ಕಳೇ.
40. ಹಸಿರು ಸಾಮಾಜ್ಯದ ನಮ ಪಜೆ ಕಾಣಯ್ಯ ನಾನು.

ಈ ವಿಭಾಗ

4x3=12

IV ಅ. ಯಾವುದಾದರೂ ಮೂರು ಪ್ರಶ್ನೆಗಳಿಗೆ ಐದಾರು ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ.

42. ದೇಹವೆಂಬ ಬಂಡಿಯನ್ನು ಹೇಗೆ ನಡೆಸಬೇಕೆಂದು ತಿಳಿಸಲಾಗಿದೆ ?
43. ಚೋಳರಾಜ ಚೆನ್ನಯ್ಯನನ್ನು ಹುಡುಕಿದ ಬಗೆ ಹೇಗೆ ?
44. ವಾಲ್ಮೀಕಿ ಸೀತೆಯನ್ನು ಹೇಗೆ ಸಂತೈಸುತ್ತಾನೆ ?
45. ಅಖಂಡ ಕರ್ನಾಟಕವು ಬರೀ ರಾಜಕೀಯ ನಾಟಕವಲ್ಲ, ಏಕೆ ?
46. ಮಗು ಹಣ್ಣುಗಳಿಂದ ಕಲಿಯಬೇಕಾದ ಗುಣಗಳು ಯಾವುವು ? ವಿವರಿಸಿ.

4x2=8

ಆ. ಯಾವುದಾದರೂ ಎರಡು ಪ್ರಶ್ನೆಗಳಿಗೆ ಐದಾರು ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ

47. ಮೊಮ್ಮಗನ ಪ್ರಾಣ ಉಳಿಸಿಕೊಳ್ಳಲು ಕರಿಸಿದ್ದೇಗೊಡ ಪಟ್ಟ ಪಾಡೇನು ?
48. 'ಅನಾಥ ಬಾಲಕರಾಶ್ರಮ' ವನ್ನು ಶಾಸ್ತ್ರಿಯವರು ಹೇಗೆ ಪ್ರಾರಂಭಿಸಿದರು ? ಅದರ ಉದ್ದೇಶವೇನು ?
49. ರಂಗರಾವ್ ಅಸ್ಪೃಶ್ಯರನ್ನು ಶಿಕ್ಷಣ ಪಡೆಯಲು ಮನವೊಲಿಸಿದ ಬಗೆಯನ್ನು ತಿಳಿಸಿ.
50. ದುಷ್ಯಂತನನ್ನು ನಿರಾಕರಿಸಲು ಶಕುಂತಲೆ ಕೊಡುವ ಕಾರಣಗಳನ್ನು ತಿಳಿಸಿ.

4x2=8

ಇ. ಯಾವುದಾದರೂ ಎರಡು ಪ್ರಶ್ನೆಗಳಿಗೆ ಐದಾರು ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ

51. ಬೋಳೇಶಂಕರನ ಅಣ್ಣಂದಿರೇ ವಾಸಿ ಎಂದು ಪಿಶಾಚಿ ಹೇಳಲು ಕಾರಣವೇನು ?
52. ಬೋಳೇಶಂಕರನು ನಾಣ್ಯ ಹಾಗೂ ಸೈನಿಕರನ್ನು ಪಡೆದ ಪ್ರಸಂಗವನ್ನು ವಿವರಿಸಿ.
53. ತನ್ನ ಕನಸನ್ನು ಕುರಿತು ಬೋಳೇಶಂಕರ ಮಂತ್ರಿಗೆ ಹೇಳಿದ್ದೇನು ?
54. ಸೈನಿಕರು ಏನೇನನ್ನು ನಾಶ ಮಾಡಿದರು ಎಂದು ಶಿವಾಪುರದ ಜನರು ಹೇಳುತ್ತಾರೆ ?

ಉ ವಿಭಾಗ

5x1=5

V ಅ. ಯಾವುದಾದರೂ ಒಂದು ಪದ್ಯದ ಭಾವಾರ್ಥವನ್ನು ಬರೆಯಿರಿ.

55. ಜನಕಂಗೆ ಜಲಾಂಜಲಿಯಂ
ತನೂಭವಂ ಕುಡುವುದುಚಿತಮದುಗೆಟ್ಟೇಗಳ್
ನಿನಗಾಂ ಕುಡುವಂತಾದುದೆ
ತನೂಜ ನೀ ಕ್ರಮವಿಪರ್ಯಯಂ ಮಾಡುವುದೇ.
56. ಯಾವ ಜೀವದ ಯೋಗಬಲವೋ, ಉಗ್ರ ತಾಪಸಿಯರ ಮಹಿಮೆಯೋ,
ಅಂತು ಬಂದಿದೆ ಬಿಡುಗಡೆ
ಸುರಿದ ನೆತ್ತರ ಕೆಂಪ ಸಿರಿಯೋ, ಮಣ್ಣಿಗೊದಗಿದ ತಣ್ಣ ಕರೆಯೋ
ಹಸುರ ಮೆರೆಯಿತು ಮರುಧರೆ
ಕಡಲ ಕಡೆಗೋಲಿಟ್ಟು ಕಡೆಯಲು
ಅಯ್ಯೋ ಬಂತೇ ವಿಷ ವಿಷ,
ನೆಚ್ಚಿ ಕಡೆಯಲು ಮೆಚ್ಚಿ ದುಡಿಯಲು
ಬಾರದಾಯಿತೆ ಅಮೃತ
ಅಂತು ಬಂದಿತು ಬಂದೆ ಬಂದಿತು ಎಂಥ ಎಂಥಾ ಬಿಡುಗಡೆ
ಮೋಸ ಸುಳ್ಳಿಗೆ, ಲಂಚ ಸುಲಿಗೆಗೆ
ಹೃದಯಾಳದ ಕೊಚ್ಚಿ ಹರಿವಿಗೆ, ಇನ್ನು ಇಲ್ಲವೆ
ತಡೆಬಡೆ!

ಭಾಷಾಭ್ಯಾಸ :

6x2=12

VI ಅ. ಯಾವುದಾದರೂ ಆರು ಪ್ರಶ್ನೆಗಳಿಗೆ ಸೂಚನೆಗೆ ಅನುಗುಣವಾಗಿ ಉತ್ತರಿಸಿ.

57. ಯಾವುದಾದರೂ ಎರಡು ಪದಗಳ ಅರ್ಥಬರೆಯಿರಿ : ಗಾಲಿ, ಕೈದು, ಪಥ, ರುಧಿರ.
58. ಯಾವುದಾದರೂ ಎರಡು ಪದಗಳನ್ನು ಬಿಡಿಸಿ ಬರೆಯಿರಿ. : ದಿವ್ಯಾನ್ಯ, ಮಹೋನ್ನತಿ, ಹತ್ತಾರು, ಸರ್ವಾಂಗ.
59. ಯಾವುದಾದರೂ ಎರಡು ಪದಗಳ ಸಮಾನಾರ್ಥಕ ಪದಗಳನ್ನು ಬರೆಯಿರಿ: ಕಾಡು, ಸರ್ಪ, ರಾಜ, ನಯನ.
60. ಯಾವುದಾದರೂ ಎರಡು ಪದಗಳ ತದ್ವಚರೂಪ ಬರೆಯಿರಿ : ಚಂದ್ರ, ವನ, ಅಕ್ಷರ, ಪ್ರಾಯ.
61. ಯಾವುದಾದರೂ ಎರಡು ಪದಗಳ ವಿರುದ್ಧ ಪದಗಳನ್ನು ಬರೆಯಿರಿ : ಕನಸು, ಜಾತ, ಸುಖ, ನಂಬಿಕೆ.
62. ಯಾವುದಾದರೂ ಎರಡು ಅನ್ಯದೇಶ್ಯ ಪದಗಳನ್ನು ಬರೆಯಿರಿ.
63. ಯಾವುದಾದರೂ ಎರಡು ಪದಗಳ ಗ್ರಾಂಥಿಕ ರೂಪ ಬರೆಯಿರಿ : ಒತ್ತೊಂಡು, ಸಿಳ್ಳು, ಸತ್ತೊದ, ಹೋಗ್ತು.
64. ಯಾವುದಾದರೂ ಎರಡು ನುಡಿಗಟ್ಟುಗಳನ್ನು ಸ್ವಂತ ವಾಕ್ಯದಲ್ಲಿ ಬಳಸಿ ಬರೆಯಿರಿ :
ಕೈಕೊಡು, ಮೊರೆಯಿಡು, ಕಣ್ಣರಳಿಸು, ಅಜಗಜಾಂತರ.

ಆ ಯಾವುದಾದರೂ ಒಂದು ವಿಷಯವನ್ನು ಕುರಿತು ಪ್ರಬಂಧ ಬರೆಯಿರಿ

5x1=5

65. ಮೂಢನಂಬಿಕೆಗಳು.

66. ಪರಿಸರ ಸಂರಕ್ಷಣೆ.

ಇ ಯಾವುದಾದರೂ ಒಂದನ್ನು ಕುರಿತು ಪತ್ರ ಬರೆಯಿರಿ.

4x1=4

67. ನಿಮ್ಮ ಕಾಲೇಜಿನಲ್ಲಿ ನಡೆದ ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವವನ್ನು ಕುರಿತು ನಿಮ್ಮ ಗೆಲೆಯ/ ಗೆಲಿಗೆ ಒಂದು ಪತ್ರ ಬರೆಯಿರಿ.

68. ವರ್ಗಾವಣೆ ಪತ್ರವನ್ನು ಕೋರಿ ನಿಮ್ಮ ಪ್ರಾಂಶುಪಾಲರಿಗೆ ಒಂದು ಪತ್ರ ಬರೆಯಿರಿ.

ಈ ಯಾವುದಾದರೂ ಒಂದು ಗಾದೆ ಮಾತನ್ನು ವಿಸ್ತರಿಸಿ ಬರೆಯಿರಿ.

4x1=4

27. With the help of a diagram explain pseudocoelomic condition. Give an example.
28. What is meant by phyllotaxy ? Explain any two types.
29. Name the 3 types of cell junctions found in animal tissues.
30. Mention any one function of the following
(i) RBC (ii) WBC (iii) Platelet.
31. Write the schematic representation of Nitrogen cycle.
32. Explain any three applications of Auxins in horticulture.
33. Draw and label the human respiratory system.
34. Match the following Column I with Column II

- | I | II |
|------------------|----------------------------------|
| i) Ammonotelism | a) Marine fish, Mammals |
| ii) Ureotelism | b) Reptiles, Birds, Insects |
| iii) Uricotelism | c) Bony fish, Aquatic Amphibians |
35. Name the different bones present in upper limb of human.

PART – D SECTION – I

IV Answer any FOUR of the following question in 200–250 words each, wherever applicable. 4x5=20

36. Assign the following to the respective divisions.
i) Ectocarpus ii) Pinus iii) Coconut tree iv) Lycopodium v) Funaria
37. List any 5 salient features of phylum porifera, with any two examples.
38. Draw and label the parts of a typical flowering plant.
39. Name the phases of cell cycle, in which the following features are seen.
a) Amount of DNA per cell doubles.
b) Centromere splits and chromatids separate.
c) Nucleolus, Golgi complex and ER reform.
d) Spindle fibres attach to kinetochores of chromosomes.
e) Centrosomes start moving towards opposite poles.
40. List any 4 differences between Apoplast and symplast pathways of absorption of water of plants.
41. Draw a neat labelled diagram of digestive system of cockroach.
42. Write the schematic representation of Z-scheme of light reaction.
43. Describe the Fluid-Mosaic model of plasma membrane with the help of a labelled diagram.

SECTION – II

V Answer any THREE of the following question in 200–250 words each, wherever applicable. 3x5=15

44. Draw a neat labelled diagram of a typical animal cell.
45. Schematically represent the steps in Glycolysis.
46. What is photoperiodism ? Classify plants based on photoperiods.
47. Explain the process of protein digestion in human body.
48. Answer the following questions :
a) List the antigens and Antibody present in diffit blood groups in human. 3
b) Write a short note on blood clotting. 2
49. a) What is meant by a reflex action ? 1
b) Describe the structure of Actin filament. 4
50. Discuss the role of any 5 pituitary hormones.
