

Time : 3 Hrs.

M.M.: 90

General Instructions :

1. *The question paper has 30 questions in all. All questions are compulsory.*
 2. *Marks are indicated against each question.*
 3. *Questions from serial no. 1 to 8 are very short answer type questions. Each question carries one mark.*
 4. *Questions from serial no. 9 to 21 are 3 marks questions. Answer of these questions should not exceed 80 words each.*
 5. *Questions from serial no. 22 to 29 are 5 marks questions. Answer of these questions should not exceed 100 words each.*
 6. *Question number 30 is a map question of 3 marks from Geography only. After completion, attach the map inside your answer book.*
- Q1. 'Women workers in Britain attacked the Spinning Jenny'. Give any one reason. (1)
- Q2. State any two features of commercial agriculture. ($\frac{1}{2}+\frac{1}{2}=1$)
- Q3. Give two examples of coming together federation. ($\frac{1}{2}+\frac{1}{2}=1$)
- Q4. What is vertical distribution of power? (1)
- Q5. Who led civil rights movement in the USA? (1)
- Q6. State the limitations of using averages for measuring economic development. ($\frac{1}{2}+\frac{1}{2}=1$)
- Q7. In which state the Infant Mortality rate is the lowest in India? (1)
- Q8. What is disguised unemployment? (1)
- Q9. Describe the life of workers in England during the late 19th Century. (1x3=3)
- Q10. What was print revolution? What were its impact? (1+2=3)
- Q11. Why did the Roman Church begin to maintain an Index of Prohibited books from 1558? (1x3=3)
- Q12. 'Technological changes occurred slowly in Britain'. Give three reasons. (1x3=3)
- Q13. Name the four fibre crops grown in India. Which one of them is not obtained directly from the soil? What is the name given to the process involved in its production? ($2+\frac{1}{2}+\frac{1}{2}=3$)

- Q14. Highlight three problems associated with the indiscriminate use of resources. (1x3=3)
- Q15. 'Local Communities are struggling to conserve the habitats along with government officials'. Explain how local communities have conserved and protected wildlife in India. (1x3=3)
- Q16. What is the rationale of decentralisation of power in India? (1x3=3)
- Q17. Explain briefly the cross-cutting differences. (1x3=3)
- Q18. Why did the relationship between Sinhala and Tamil communities strain over time? (3)
- Q19. 'People have different developmental goals'. Justify. (3)
- Q20. Explain how public sector contributes to the economic development of a nation. (3)
- Q21. Explain the objectives of implementing the NREGA 2005. (3)
- Q22. 'The Victorian industrialists were not interested to introduce machines in England'. Give five reasons. (5)
- Q23. Why did some people in the 18th century think that print culture would bring enlightenment and end despotism? (5)
- Q24. 'This soil is found in Deccan Trap plateau'. Name it and state its four features. (1+4=5)
- Q25. 'In recent years multipurpose projects and large dams have come under great scrutiny and opposition'. Justify the statement. (1x5=5)
- Q26. Women are discriminated in India'. Briefly explain any five ways in which they are discriminated. (1x5=5)
- Q27. Describe the key features of federalism. (1x5=5)
- Q28. Which sector of the economy is known service sector? Why has this sector become the largest producer in India in last few decades? (1+4=5)
- Q29. (a) What is sustainable development and why is the issue of sustainability important for development?
 (b) Give any two suggestions to achieve it. (3+2=5)

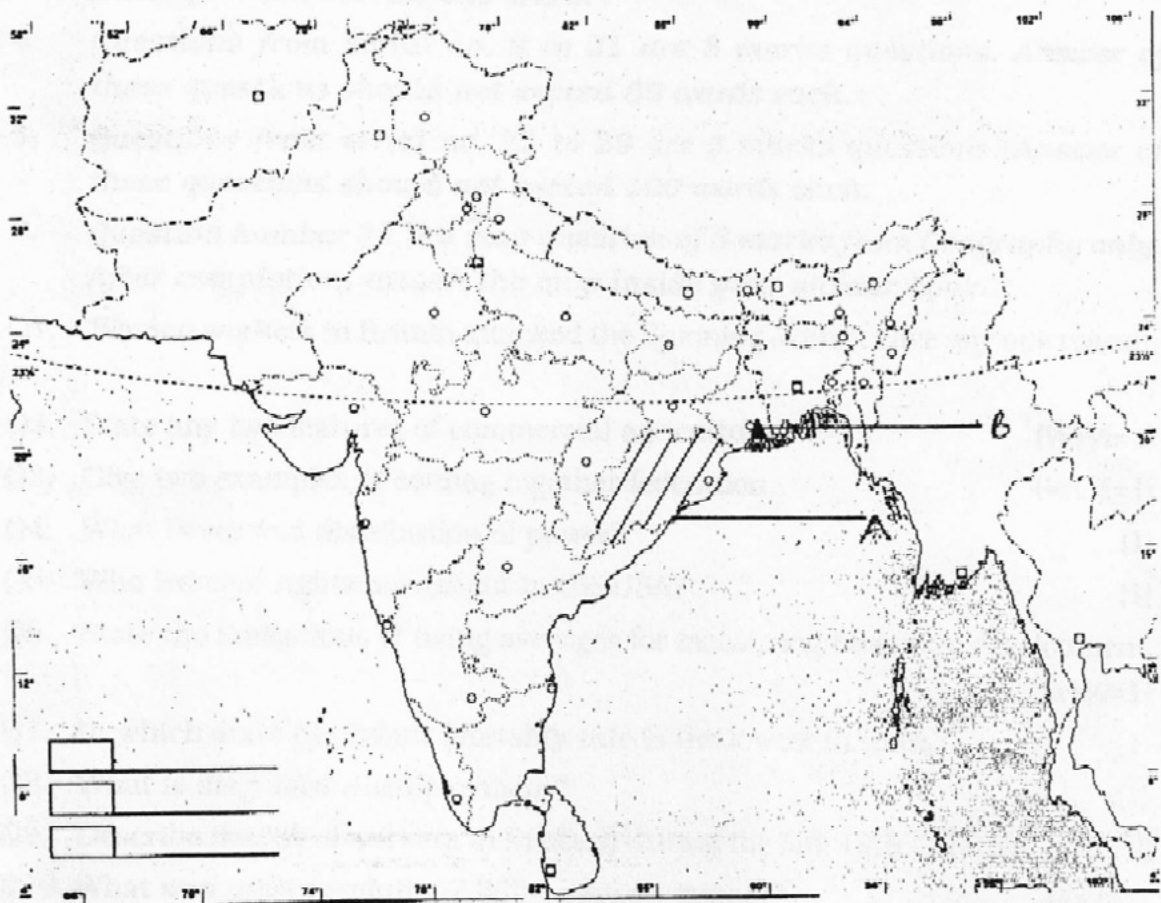
Q30. (i) Two features (A) and (B) are shown on the outline political map of India. Identify these features with the help of following information and write their correct names on the lines marked on the map. (1x3=3)

(A) A rice growing state

(B) A National Park

(ii) On the same political map of India, locate the following :

(C) Salal Dam



SUMMATIVE ASSESSMENT – I (2015-16)
ENGLISH COMMUNICATIVE

Class - X

Maximum Marks: 70

Time: 3 hours

Instructions :

The question paper is divided into Three sections.

Section A	:	Reading	20 marks
Section B	:	Writing & Grammar	25 marks
Section C	:	Literature & Long Reading Text	25 marks

SECTION A
(READING: 20 marks)

- 1 Read the passage given below and complete the sentences that follow : 1x8=8

A chimpanzee is one of the great apes and the nearest in intelligence to humans. Scientists have examined its mental capacities and sent it into space in anticipation of humans. Chimpanzees need little description. Being apes and not monkeys, they have no tails. Their arms are longer than their legs and they normally run on all fours. They can also walk upright with toes turned outwards. When erect they stand 3-5 ft high. The hair is long and coarse, black except for a white patch near the rump. The face, ears, hands and feet are pink and except for the black face, the flesh is coloured.

Chimpanzees exhibit great concern for each other. When chimpanzees meet after having been apart, they greet each other in a very human way by touching each other or even clasping hands. Chimpanzees have amazing social discipline. When a dominant male arrives, the rest of the chimpanzees hurry to pay respect to it. The dominant male is not allowed to wrest food from his inferiors. The members of a party also spend considerable amount of time grooming each other and themselves. Mothers go through the fur of their babies for any foreign particles, dirt, and ticks and they aid each other when they are injured.

Chimpanzees are the best tool users apart from humans. Sticks 2-3 ft long are picked off the ground or broken from branches and pushed into holes, then withdrawn and the honey or insects licked off. Stones are used to crack nuts or as missiles to drive humans and baboons away from its food. Chimpanzees are not only tool users but also tool makers. They make their own rods by stripping the leaves off a tree to form a long stem. Baby chimpanzees learn all this by observing the older chimpanzees making and using them. In humans is not the only toolmaker, merely better than their relatives.

- Chimpanzees are as _____ humans.
- They greet each other by _____.
- Like a human being, chimpanzees _____.
- Chimpanzees _____ tails.
- Baby chimpanzees learn _____.
- Chimpanzees have amazing _____.
- The dominant male chimpanzee is not allowed to _____.

(h) The word 'wrest' means _____.

2 Read the passage given below and answer the questions that follow : (2x4)+(1x4)=12

12

Our opportunities are great but let me warn you that when power outstrips ability, we will fall on evil days. We should develop competency and ability which would help us utilize the opportunities which are now open to us. From tomorrow morning - from midnight today - we cannot throw the blame on the Britishers. We have to assume the responsibility ourselves for what we do. A free India will be judged by the way in which it will serve the interests of the common man in the matters of food, clothing, shelter and social activities. Unless we root out corruption in high places and root out every trace of nepotism, love of power, profiteering and black marketing which have spoiled the good name of this country in recent times, we will not be able to raise the standards of efficiency in administration as well as in the production and distribution of the necessary goods of life.

Pandit Jawaharlal Nehru referred to the great contribution which this country will make to the promotion of world peace and the welfare of mankind. The - chakra, the Asokan wheel, which is there in the flag embodies for us a great idea. Asoka is the greatest of our emperors. Look at the words of H.G.Wells about him 'Highnesses, Magnificences, Excellences, Serenities, Majesties : Among them all, he shines alone a star, Asoka the greatest of all monarchs.' He cut into rock his message for the healing of discords. If there are differences, the way in which you can solve them is by promoting concord. Concord is the only way by which we can get rid of differences. There is no other method which is open to us.

We are lucky in having for our leader, one who is a world citizen, who is essentially a humanist, who possesses a buoyant optimism and robust good sense in spite of the perversity of things and the hostility of human affairs. We see the way in which his Department interfered actively and in a timely manner in the Indonesian dispute. (Loud applause.) It shows that if India gains freedom, that freedom will be used not merely for the well-being of India but for Vishva Kalyana, world peace, the welfare of mankind.

Extract from a speech by Dr. Radhakrishnan

- (a) When do we fall on evil days ?
 - (b) How will a free India be judged ?
 - (c) What did Pandit Nehru refer to ?
 - (d) What will India use its freedom for ?
 - (e) What is meant by the word, "to go much faster" ? (para 1)
- (i) profiteers (ii) nepotism

- (iii) outstrip (iv) raise
- (f) Which word in the passage means 'creation' ? (para 1)
- (i) production (ii) profiteering
- (iii) distribution (iv) administration
- (g) Find the word from the passage opposite in meaning to, 'war'. (para 2)
- (i) welfare (ii) peace
- (iii) healing (iv) monarch
- (h) Find the word opposite in meaning to 'pessimism'. (para 3)
- (i) creation (ii) perversity
- (iii) optimism (iv) service

SECTION B
(WRITING & GRAMMAR: 25 Marks)

3 The introduction of BPO culture in India has disturbed the sleep patterns of the Indian youth. You are deeply concerned about these changes. Write an article in about 100-120 words, expressing your views on the same. Give a suitable title. 5

4 Write the story in about 150-200 words which begins as the following: 10

'A soon as Mama and Papa left and I locked the door. After about an hour I heard the glass of my window crash...'

5 Read the paragraph given below. Fill in the blanks by choosing the most appropriate words / phrases from the given options. 3

Children may quarrel all the time, drawing the elders into the fray. The neighbour's son may pick a flower or a fruit from your garden and an argument (a) _____ erupt. Again, he may throw his ball (b) _____ your window pane damaging it. These are not unnatural so far as the younger one is concerned, but it is for the elders to (c) _____ them with equanimity.

	i	ii	iii	iv
(a)	must	ought to	may	should
(b)	to	from	on	at
(c)	see	watch	view	look

6 The following paragraph has not been edited. There is one error in each line. Write the incorrect word and the correction in your answer sheet against the correct blank number. The first one has been done as an example.

	Error	Correction
This 'Boxcar Children' by Gertrude Chandier Warner e.g.	This	The
tells the story <u>for</u> four orphaned children, Henry, Jessie, (a)	_____	_____
Violet and Benny. They get permission <u>by</u> stay overnight(b)	_____	_____
at the bakery but run away <u>while</u> they <u>heard</u> the baker's (c)	_____	_____
wife say she would keep the older three and send Benny (d)	_____	_____
to an orphanage.		

7 Rearrange the following words/phrases to make meaningful sentences. 3

(a) invention/ perhaps/ man's greatest /wheel/is/the
 (b) long distances/difficult/it was/ travel/earlier / to
 (c) to travel/ therefore/very adventurous/ only/dared/people

SECTION C
(LITERATURE & LONG READING TEXT: 25 Marks)

Read one of the extracts given below and answer the questions that follow:

8 "The whole universe is built up through love and the grief of separation is inescapable". 3

(a) When did the speaker acquire this philosophy?
 (b) What pain has the speaker gone through?
 (c) What does the word, 'inescapable' mean?

OR

9 *Now the frog puffed up with rage,
 "Brainless bird, you're on the stage-
 Use your wit and follow fashion,
 Puff your lungs out with your passion".* 3

(a) Why was the frog puffed up with rage?
 (b) Give the antonym of 'Brainless'.
 (c) What happened when the nightingale puffed up her lungs?

Answer the following questions in about 30 - 40 words.

10 It's had an unshakable faith that he would receive a letter from Miriam one day, Why? 2

11 Why did the creatures of the bog react to the frog's song? 2

- 9(iii) What are the three things that the grandfather planned to do on Monday ? 2
- 9(iv) Why do you think the nightingale lost her appeal for the masses ? 2

Answer one of the following questions in about 80-100 words.

- 10 The story, 'Two Gentlemen of Verona' describes what a family encounters in the aftermath of war. Wars are destruction of humanity and it is only peace that can save the world. Describe with reference to the story. 4

OR

After the nightingale's death, the frog commented thus : '.... Far too prone to influence.... 4
your song must be your own'. Keeping in view the above statement, write an article on 'One's beauty is one's own'.

Answer one of the following questions in about 150-200 words.

- 11 How did Anne pass her time in hiding ? Discuss in detail. 10

OR

How was Anne's relationship with her mother and father different? 10

OR

The arrival of Ann Sullivan coincided with the coming of spring. What symbolic significance 10
does it hold ?

OR

What was the significance of the role played by Helen's mother in Helen's 10
life ? Give a brief character sketch of Helen's mother.

Time : 3 Hrs.

M.M.: 90

General Instructions :

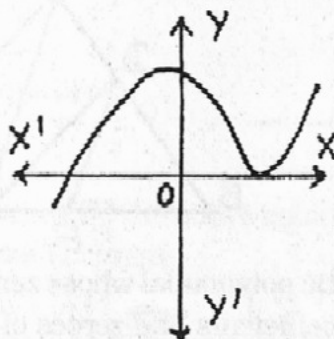
1. All questions are compulsory.
2. The question paper consists of 31 questions divided into four sections A, B, C and D. Section-A comprises of 4 questions of 1 mark each; Section-B comprises of 6 questions of 2 marks each; Section-C comprises of 10 questions of 3 marks each and Section-D comprises of 11 questions of 4 marks each.
3. There is no overall choice.
4. Use of calculator is not permitted.

SECTION-A

- Q1. Without actually performing the long division, state whether $\frac{9}{125}$ will have a terminating decimal or a non-terminating repeating decimal expansion.
- Q2. If $\Delta PQR \sim \Delta XYZ$, $\angle Q = 50^\circ$ and $\angle R = 70^\circ$, find the value of $\angle Y + \angle Z$.
- Q3. Find f and F .

Marks	Number of students (fi)	c.f.
0 - 10	5	5
10-20	15	F
20-30	f	50
30-40	8	58
40-50	2	60
	60	

- Q4. The graph of $y = p(x)$ is given for some polynomial $p(x)$. Find the number of zeroes of $p(x)$.



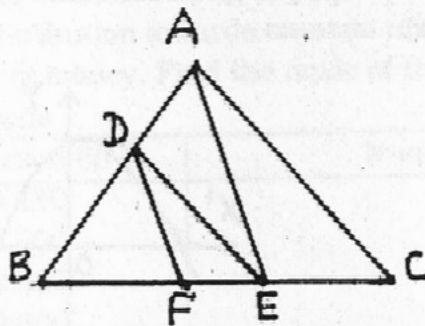
(E-1)

SECTION-B

- Q5. In $\triangle ABC$, right-angled at B, if $\tan A = \frac{1}{\sqrt{3}}$, find the value of $\cos A \cos C - \sin A \sin C$
- Q6. Find the value of p for which the following pair of linear equations has a unique solution.
- $$9x + py = 1$$
- $$3x + 4y = 2$$
- Q7. Sides of a $\triangle ABC$ are 4cm, 6cm and 8cm. Determine whether it is a right triangle or not.
- Q8. If α and β are the zeroes of the quadratic polynomial $f(x) = 2x^2 + 7x + 5$, find the value of $\frac{1}{2\alpha} + \frac{1}{2\beta}$.
- Q9. If A, B and C are interior angles of a triangle, prove that $\tan\left(\frac{A+B}{2}\right) = \cot \frac{C}{2}$
- Q10. Find the mean and mode of the following distribution. Hence, find the median using empirical formula :
3, 13, 4, 6, 8, 4, 4, 5, 7, 6

SECTION-C

- Q11. Three persons start their morning walk from the same point, at the same time and in the same direction. Their steps measure 90cm, 80cm and 85cm respectively. What is the minimum distance each of them will cover before they meet again?
- Q12. Show that $\sec 45^\circ = \sqrt{2}$ geometrically.
- Q13. In the given figure, $DE \parallel AC$ and $DF \parallel AE$. Prove that $\frac{BF}{FE} = \frac{BE}{EC}$



- Q14. Find a quadratic polynomial whose zeroes are 1 and -3. Verify the relationship between the coefficients and zeroes of the polynomial.

- Q15. Express the ratios $\sin A$, $\cot A$ and $\sec A$ in terms of $\cos A$.
- Q16. Ten years ago, Mr. Kaushik was four times as old as his son. After 10 years, he will be twice the age of his son. Find their present ages.
- Q17. Use Euclid's division lemma to show that the square of any positive integer is either of the form $3m$ or $3m + 1$ for some integer m .
- Q18. Diagonals of a trapezium ABCD with $AB \parallel DC$ intersect each other at the point O. If $AB = 2CD$, find the ratio of areas of $\triangle AOB$ and $\triangle COD$.
- Q19. Find the mean age of 100 residents of a colony from the following data :

Age (in years)	Number of persons
0-10	10
10-20	15
20-30	25
30-40	25
40-50	10
50-60	10
60-70	5

- Q20. The median of the following data is 42.5. Find the values of x and y , if the total frequency is 50.

C.I.	Frequency
10-20	4
20-30	8
30-40	10
40-50	x
50-60	10
60-70	y
70-80	2

SECTION-D

- Q21. Prove that $\sqrt{11}$ is irrational. Hence prove that $3 + 4\sqrt{11}$ is an irrational number.
- Q22. Find all zeroes of $p(x) = x^4 - 7x^3 + 10x^2 + 14x - 24$ if two of its zeroes are $\sqrt{2}$ and $-\sqrt{2}$.

- Q23. Draw the graphs of the equations

$$2x + 3y = 10$$

$$4x + 6y = 12$$

Name the type of lines formed by the above equations.

- Q24. State and prove Pythagoras Theorem.

- Q25. Prove the following identity : $\left(\frac{\sin\theta}{\cos\theta + \sin\theta}\right) - \left(\frac{\cos\theta}{\cos\theta - \sin\theta}\right) = \frac{\tan^2\theta + 1}{\tan^2\theta - 1}$

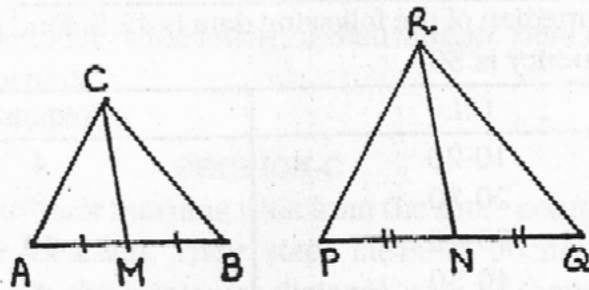
Q26. Change the following distribution to a more than type distribution, and draw its ogive.

Class Interval	Frequency
0-10	8
10-20	12
20-30	22
30-40	21
40-50	30
50-60	7

Q27. Evaluate without using trigonometric tables :

$$\left[\frac{\sin^2 40^\circ + \sin^2 50^\circ}{\cos^2 20^\circ + \cos^2 70^\circ} \right] + \tan 10^\circ \tan 20^\circ \tan 60^\circ \tan 70^\circ \tan 80^\circ$$

Q28. In the given figure, CM and RN are respectively the medians of $\triangle ABC$ and $\triangle PQR$. If $\triangle ABC \sim \triangle PQR$, prove that (i) $\triangle AMC \sim \triangle PNR$ (ii) $\frac{CM}{RN} = \frac{AM}{PN}$



Q29. Solve : $x + y = 4$

$$3x - y = 4$$

by substitution method. Verify your result by elimination method.

Q30. Show that $(\sin^2 45^\circ - \tan^2 45^\circ)^2 + 3(\sin^2 90^\circ + \tan^2 30^\circ) = \frac{17}{4}$

Q31. (i) In a public contribution towards tsunami relief fund, people contributed various sums of money. Find the mode of the frequency distribution of the contributions

Contribution (in ₹)	Number of people
400-450	20
450-500	35
500-550	40
550-600	32
600-650	24
650-700	27

(ii) Which value is being depicted here?

(E-4)

SUBJECT : SCIENCE (SET-A)

Time : 3 Hrs.

M.M.: 90

General Instructions :

1. The question paper comprises of two Sections, A and B. You are to attempt both the sections.
2. All questions are compulsory.
3. All questions of Section-A and all questions of Section-B are to be attempted separately.
4. Question numbers 1 to 3 in Section-A are one mark questions. These are to be answered in one word or in one sentence.
5. Question numbers 4 to 6 in Section-A are two marks questions. These are to be answered in about 30 words each.
6. Question numbers 7 to 18 in Section-A are three marks questions. These are to be answered in about 50 words each.
7. Question numbers 19 to 24 in Section-A are five marks questions. These are to be answered in about 70 words each.
8. Question numbers 25 to 33 in Section-B are multiple choice questions based on practical skills. Each question is a one mark question. You are to select one most appropriate response out of the four provided to you.
9. Question numbers 34 to 36 in Section-B are questions based on practical skills and are two marks questions.

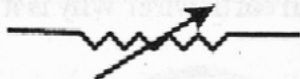

SECTION-A

- Q1. A shiny brown coloured element 'X' on heating in air becomes black in colour. Name the element 'X' and the black coloured compound formed. (1)
- Q2. Which effect of electric current is utilised in the working of an electromagnet? (1)
- Q3. Name the process in plants that converts light energy into chemical energy. (1)

- Q4. What is the resistance of 12m wire having radius of 2×10^{-4} m and resistivity of $3.14 \times 10^{-8} \Omega\text{m}$? (2)
- Q5. Convert the following statement into chemical equation & then balance it - Iron (III) oxide reacts with aluminium metal to form aluminium oxide and iron. (2)
- Q6. Give reasons : (2)
- (a) Birds and mammals have high energy needs.
 - (b) Walls of trachea do not collapse when there is less air in it.
- Q7. (a) Identify the substance oxidised and the substance reduced in the following reaction - $\text{MnO}_2 + 4\text{HCl} \rightarrow \text{MnCl}_2 + \text{Cl}_2 + 2\text{H}_2\text{O}$
- (b) Write two characteristics observed when lead nitrate salt is heated. Write the chemical reaction involved. (3)
- Q8. (a) Ionic compounds are bad conductors of electricity in solid state but conduct electricity in molten state. Give reason.
- (b) Name a metal which -
- (i) reacts with cold water
 - (ii) does not react with cold water and hot water but reacts with steam. (3)
- Q9. On the roofs of the houses, hospitals, hotels etc. solar panels for electricity and solar heaters for hot water are placed. Nowadays many people are preferring these methods as sources of energy.

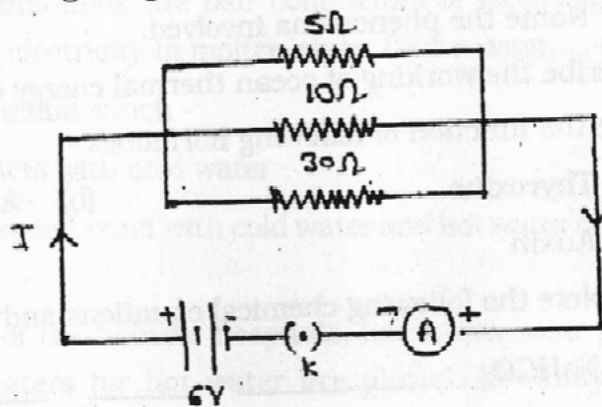
Answer the following questions based on above passage :

- (a) Why are people preferring these types of methods?
 - (b) How will it affect our environment? (3)
- Q10. (a) Give one example each for hydrated salt and corresponding anhydrous salt.
- (b) Tooth enamel is the hardest substance in the human body. Write its chemical composition.
- (c) What effect does the concentration of $\text{H}^+_{(\text{aq})}$ ions have on the nature of the solution? (3)

- Q11. Derive the relation $R = R_1 + R_2 + R_3$, when resistors are joined in series with the help of a diagram. (3)
- Q12. An electric lamp is marked 100W, 200V. It is used for 5h daily. Calculate -
 (a) its resistance while glowing.
 (b) energy consumed in kWh per day. (3)
- Q13. (a) Name an instrument that measures electric current in a circuit. (3)
 (b) What do the following symbols mean in circuit diagram?
 (i)  (ii) 
- Q14. A coil of insulated wire is connected to a galvanometer. What would be seen if a bar magnet with its south pole towards one face of the coil -
 (a) moves quickly towards it?
 (b) moves quickly away from it?
 (c) Name the phenomena involved. (3)
- Q15. Describe the working of ocean thermal energy conversion power plant. (3)
- Q16. State the function of following hormones - (3)
 (a) Thyroxine (b) Adrenaline
 (c) Auxin
- Q17. Complete the following chemical equations and balance them - (3)
 (a) $\text{NaHCO}_3 \xrightarrow{\Delta} \text{_____} + \text{_____} + \text{_____}$
 (b) $\text{HCl} + \text{Zn} \rightarrow \text{_____} + \text{_____}$
 (c) $\text{CuO} + \text{HCl} \rightarrow \text{_____} + \text{_____}$
- Q18. A student placed a china dish containing 2g of silver chloride in sunlight for sometime -
 (a) Mention two characteristics observed in the above reaction.
 (b) State the type of reaction.
 (c) Write chemical reaction involved. (3)
- Q19. (a) What is the chemical formula for Plaster of Paris? How is it prepared? State the common name of the compound formed when Plaster of Paris is mixed with water.

- (b) Write the formula of magnesium sulphate. Identify the acid and base from which this salt can be obtained and state its nature. (5)
- Q20. (a) Draw a neat diagram to show human digestive system and label - (5)
- (i) Liver (ii) Stomach
(iii) Oesophagus (iv) Small intestine
- (b) How is small intestine designed to maximise the absorption of food?
- Q21. (a) What is the function of an earth wire? Why is it necessary to earth metallic appliances?
- (b) What is the colour of an earth wire?
- (c) Distinguish between a direct current and an alternating current. (any 2 points) (5)

Q22. For the circuit diagram given below, calculate

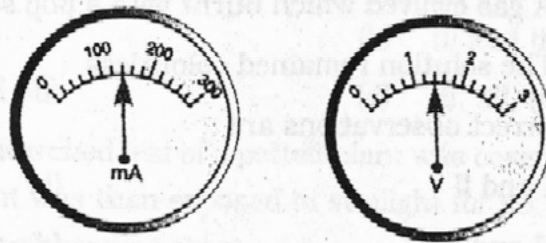


- (a) the value of current through each resistor.
- (b) the total current in the circuit.
- (c) the total effective resistance of the circuit. (5)
- Q23. (a) Identify the process used for obtaining metal oxide from its carbonate ore. Name the gas released during this process.
- (b) Explain the extraction of mercury (Hg) from cinnabar ore with the help of chemical reaction.
- (c) Explain the formation of KCl molecule by electron dot method. (5)
- Q24. (a) What causes tendrils to encircle or coil around the object in contact with it? Explain.

- (b) Name the part of the brain -
- that helps in performing voluntary actions with precision.
 - controls salivation and vomiting.
- (c) State the function of olfactory receptors. (5)

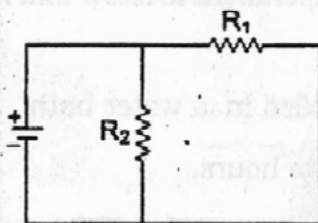
SECTION-B

Q25. The current through a resistor connected in an electric circuit and the potential difference across its ends are shown in the diagrams. (1)

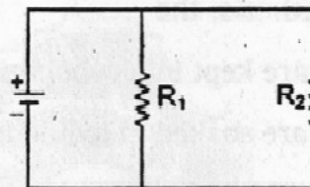


The value of the resistance of the resistor is

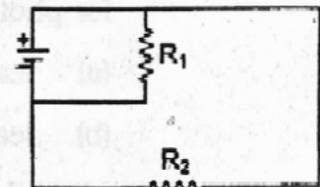
- 25 Ω
 - 20 Ω
 - 10 Ω
 - 15 Ω
- Q26. A voltmeter has a least count of 0.05V. While doing ohm's law experiment, a student observed that the pointer of the voltmeter coincides with 15th division. The observed reading is - (1)
- 0.75V
 - 0.075V
 - 7.5V
 - 75V
- Q27. Two resistors R_1 and R_2 are to be connected in parallel combination. Select the correct combination(s). (1)



(P)



(Q)



(R)

- Only P
- Only Q
- Only R
- All the above

Q28. When a few drops of universal indicator were added to a dilute solution of HCl, it is observed that the colour of the solution changes from (1)

- (a) colourless to blue (b) colourless to red
(c) blue to colourless (d) colourless to green

Q29. A student added dilute HCl to a test tube containing zinc granules and made following observations : (1)

- (I) The zinc surface became dull and black
(II) A gas evolved which burnt with a pop sound
(III) The solution remained colourless

The correct observations are :

- (a) I and II (b) I and III
(c) II and III (d) I, II and III

Q30. Solutions of ferrous sulphate, zinc sulphate, copper sulphate and aluminium sulphate were separately taken in four test tubes and some iron nails were placed in each of the solution. After few minutes, it would be observed that the colour of (1)

- (a) all the four solutions changed.
(b) solutions of zinc sulphate, copper sulphate and aluminium sulphate changed and that of ferrous sulphate did not change.
(c) solutions of zinc sulphate and aluminium sulphate only changed.
(d) copper sulphate solution only changed.

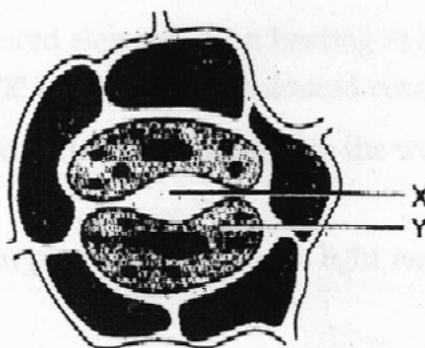
Q31. In order to destarch the leaves for an experiment to show that light is necessary for photosynthesis, the (1)

- (a) leaves are kept in alcohol and boiled in a water bath.
(b) leaves are soaked in iodine for two hours.
(c) plant with the leaves is kept in dark room for 48 hours.
(d) plant with the leaves is exposed to light of a lamp, a night before the experiment.

- Q32. Which of the following precautions are to be kept for a successful run of the experiment to show that carbon dioxide is given out during respiration? (1)
- (i) Cork should be air tight.
 - (ii) Seeds in the flask should be totally dry.
 - (iii) A small tube with freshly prepared KOH solution should be placed in the flask.
 - (iv) The end of the delivery tube should be above water level.

The correct answer is :

- (a) (i) and (ii)
 - (b) (i) and (iii)
 - (c) (i), (ii) and (iii)
 - (d) (i), (ii), (iv)
- Q33. A portion of destarched leaf of a potted plant was covered with a black strip of paper. The plant was then exposed to sunlight for six hours and then tested for starch. It was observed that (1)
- (a) both covered and uncovered parts of the leaf turned blue-black.
 - (b) both covered and uncovered parts of leaf turned yellowish brown.
 - (c) only the uncovered part of leaf turned blue black.
 - (d) only the covered part of leaf turned blue black
- Q34. State ohm's law. What is the shape of V-I graph for a metallic wire? (2)
- Q35. Two beakers A and B contain iron (II) sulphate solution. In the beaker A, is placed a small piece of copper and in beaker B, is placed a small piece of zinc. It is found that a grey deposit forms on the zinc, but not on the copper. Why? Also arrange the metals in decreasing order of their reactivity. (2)
- Q36. Identify the parts marked as X and Y in the given diagram. (2)



(E-7)

विषय : हिन्दी 'ब'

सेट - 'क'

समय : 3 घंटे

पूर्णांक : 90

निर्देश :

- (i) इस प्रश्न-पत्र में चार खंड हैं - क, ख, ग और घ।
(ii) चारों खंडों के प्रश्नों के उत्तर देना अनिवार्य है।
(iii) यथासंभव प्रत्येक खंड के उत्तर क्रमशः दीजिए।

(खण्ड-क)

(अपठित बोध)

प्र1. निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए :-

मानव शरीर धारण करने की सार्थकता यही है कि दूसरों को कुछ दो। यदि मानव-शरीर धारण करके भी दूसरों के लिए कुछ न कर सके तो समझो, हमने मानव-धर्म नहीं निभाया। अतः इस जन्म में ही दो, जितना दे सकते हो। जी तो पशु-पक्षी भी लेते हैं किंतु वे अपने लिए जीते हैं। मनुष्य तो वही है जो मनुष्य के लिए जिए और मनुष्य के लिए मरे। भारतीय संस्कृति में इसीलिए 'बहुजन हिताय, बहुजन सुखाय' जीने का लक्ष्य रखा गया है। यह मेरा है, यह पराया है, ऐसी सोच इन्सान को संकीर्ण और क्षुद्र बनाती है। जो सचमुच उदार-हृदय वाले हैं, उनके लिए तो समूची दुनिया ही कुटुंब है। अतएव, केवल अपने तक सीमित न रहकर हमें एक व्यापक संसार में जीना होगा और सबके दुख-दर्द को अपना दुख-दर्द बनाना सीखना होगा। तभी मनुष्य कहे जाने के अधिकारी होंगे।

दूसरों के लिए जीने की शिक्षा हमें प्रकृति से लेनी चाहिए। सूरज नित्य प्रातःकाल उदित होता है और शाम होने तक अपनी धूप, अपना प्रकाश जग को लुटाता है। कभी कल्पना की है यदि सूरज न निकले तो क्या होगा? नदियाँ अपना पानी स्वयं नहीं पीतीं। बादल खुद के लिए वर्षा नहीं करते। पेड़-पौधे स्वयं अपने फलों को नहीं खाते। वे दूसरों को छाया, फल-फूल, औषधियाँ, इमारती लकड़ी, पत्ते और सबसे महत्वपूर्ण प्राण-वायु - ऑक्सीजन प्रदान करते हैं। वायु स्वयं के लिए नहीं बहती। धरती अपना जीवन, जड़ और चेतन सभी के लिए समान रूप से समर्पित किए हुए है। आप उस पर कुदाली चलाते हैं, फावड़ा चलाते हैं, कुएँ खोदते हैं, बहुमंजिली इमारत खड़ी करते हैं। सब प्राणी उसी की मिट्टी में पलते हैं, उसी के अन्न से पोषित होते हैं। समुद्र अपने गर्भ में असंख्य जीव-जंतुओं को पालता है। जलयानों के भार को अपनी छाती पर ढोता है। अपने गर्भ में छिपे रत्नों से मनुष्य को समृद्धि प्रदान करता है, इसलिए उसे रत्नाकार भी कहा जाता है, किंतु बदले में कभी कुछ नहीं माँगता।

इतनी सारी चीजें प्रकृति ने दूसरों के लिए ही पैदा की हैं। ऊपर वर्णित तत्व केवल देते ही देते हैं, किसी से कुछ लेते नहीं। उसी का परिणाम है कि उनका कोश कभी खतम नहीं होता।

- (क) मानव शरीर धारण करने की सार्थकता किस बात में है? (1)
- (ख) अपने लिए जीने वालों की सोच कैसी हो जाती है? (1)
- (ग) दूसरों के लिए जीने की शिक्षा हम किससे ले सकते हैं? (2)
- (घ) परोपकार का महत्त्व दर्शाने के लिए भारतीय संस्कृति में क्या कहा गया है? (1)
- (ङ) समुद्र को 'रत्नाकार' क्यों कहा जाता है? (2)
- (च) वास्तव में कैसे मनुष्य, मनुष्य कहलाने के अधिकारी होते हैं? (1)
- (छ) प्रकृति की क्या विशेषता है? (1)
- (ज) 'समुद्र अपने गर्भ में असंख्य जीव-जंतुओं को पालता है।' - रचना के आधार पर वाक्य भेद बताइए। (1)
- (झ) उपर्युक्त गद्यांश के लिए उपयुक्त शीर्षक लिखिए। (1)

प्र2. निम्नलिखित काव्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए -

कवि ने कहा -

कि किसी को कड़ी बात कहो

तो भी वह बुरा नहीं मानता!

जैसे घृणा और प्यार के जो नियम हैं

उन्हें कोई नहीं जानता।

खूब खिले हुए फूल को देखकर

अचानक खुश हो जाना,

बड़े सुखद स्नेही की हार पर

मन भर लाना,

झुंझलाना,

अभिव्यक्ति के इन सीधे-सादे रूपों को भी

सब भूल गए

कोई नहीं पहचानता,

यह कैसी लाचारी है

कि हमने अपनी सहजता ही

एकदम भुला दी है।

इसके बिना जीवन कुछ इतना कठिन है

कि फर्क ज़ल्दी समझ में नहीं आता

यह दुर्दिन या सुदिन है।

जो भी हो संघर्षों की बात तो ठीक है।

बढ़ने वाले के लिए
 यही तो एक परम्परा है।
 फिर भी दुख-सुख से यह कैसी बेरुखी है
 कि किसी को कड़ी बात कहो
 तो भी वह बुरा नहीं मानता।
 यह कैसा वक्त है?

- (क) कवि के अनुसार अभिव्यक्ति का सीधा-सादा रूप क्या है? (2)
- (ख) कवि के अनुसार सहजता को भुला देने से जीवन पर क्या प्रभाव पड़ता है? (1)
- (ग) जीवन में प्रगति करने वाले किस परम्परा का पालन करते हैं? (1)
- (घ) कवि के अनुसार कौन-सा वक्त बुरा है? (2)
- (ङ) कविता से अनुप्रास अलंकार के दो उदाहरण छोटकर लिखिए। (1)
- (च) कविता के लिए उपयुक्त शीर्षक लिखिए। (1)

(खण्ड-ख)

(ब्यावहारिक व्याकरण)

- प्र3. 'शब्द' और 'पद' में सोदाहरण अन्तर स्पष्ट कीजिए। (2)
- प्र4. निर्देशानुसार वाक्य रूपान्तरित कीजिए - (3)
- (क) ट्रैफिक जाम होने के कारण मैं समय पर दफ्तर न पहुँच सका। (संयुक्त वाक्य में)
- (ख) प्रधानमंत्री के गाड़ी से उतरते ही सुरक्षाकर्मी सतर्क हो गए। (मिश्र वाक्य में)
- (ग) वह बाज़ार गया और मेरे लिए फल लाया। (सरल वाक्य में)
- प्र5. (क) समस्तपद का विग्रह करके समास का नाम लिखिए - (2)
- (i) राजमाता (ii) चौमासा
- (ख) समस्तपद बनाकर समास-भेद बताइए - (2)
- (i) पुरुषों में उत्तम है जो (ii) प्रयोग के लिए शाला
- प्र6. निम्नलिखित अशुद्ध वाक्यों को शुद्ध कीजिए : (4)
- (क) क्या आप पढ़ लिए हैं?
- (ख) मुझे एक फूलों की माला चाहिए।
- (ग) उसे रोता देख मेरी आँख में आँसू छलक आया।
- (घ) उसका जीवन सुख में बीत रहा है।

प्र7. निम्नलिखित मुहावरों का इस प्रकार वाक्य में प्रयोग कीजिए कि उनका अर्थ स्पष्ट हो जाए :- (2)

(क) आँख भर आना (ख) आड़े हाथों लेना

(खण्ड-ग)

(पाठ्य-पुस्तक)

प्र8. पठित पाठों के आधार पर निम्नलिखित प्रश्नों के उत्तर लिखिए - (2+2+1)

- (क) स्वयं फेल होने के बाद भी बड़े भाई साहब ने छोटे भाई को नसीहत देनी न छोड़ी, क्यों? स्पष्ट कीजिए।
(ख) कोलकातावासियों के लिए 26 जनवरी, 1931 का दिन क्यों महत्वपूर्ण था? पाठ 'डायरी का एक पन्ना' के आधार पर लिखिए।
(ग) शैलेन्द्र के अनुसार कलाकार का मुख्य कर्तव्य क्या है? पाठ 'तीसरी कसम के शिल्पकार : शैलेन्द्र' के आधार पर लिखिए।

प्र9. "डायरी-लेखन अपने अनुभवों को सँजोने का एक सशक्त माध्यम है।" अपने जीवन का कोई ऐसा अनुभव लिखिए जिसे डायरी में लिखकर आपको आत्म-संतुष्टि का एहसास हुआ हो। (5)

प्र10. निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए : (2+2+1)

दरअसल इस फिल्म की संवेदना किसी दो से चार बनाने का गणित जानने वाले की समझ से परे थी। उसमें रची-बसी करुणा तराजू पर तौली जा सकने वाली चीज़ नहीं थी। इसलिए बमुश्किल जब 'तीसरी कसम' रिलीज़ हुई तो इसका कोई प्रचार नहीं हुआ। फिल्म कब आई, कब चली गई, मालूम ही नहीं पड़ा।

ऐसा नहीं है कि शैलेन्द्र बीस सालों तक फिल्म इंडस्ट्री में रहते हुए भी वहाँ के तौर-तरीकों से नावाकिफ़ थे, परन्तु उनमें उलझकर वे अपनी आदमियत नहीं खो सके थे।

(क) 'दरअसल इस फिल्म की संवेदना किसी दो से चार बनाने वाले की समझ से परे है।' स्पष्ट कीजिए।

(ख) 'यह फिल्म कब आई, कब चली गई' - लेखक ने ऐसा क्यों कहा?

(ग) फिल्म इंडस्ट्री में रहते हुए शैलेन्द्र अपने किस गुण को नहीं भुला पाए थे?

प्र11. पठित कविताओं के आधार पर निम्नलिखित प्रश्नों के उत्तर लिखिए - (2+2+1)

(क) 'तोप' कविता के आधार पर 'धरोहर' का महत्त्व स्पष्ट कीजिए।

(ख) मीरा अपने आराध्य की चाकरी क्यों करना चाहती थीं? 'मीरा के पद' के आधार पर लिखिए।

(ग) 'पर्वत प्रदेश में पावस' कविता में तालाब की समानता किसके साथ दिखाई गई है?

प्र12. 'निंदा करने वाला व्यक्ति हमारी आत्मशुद्धि में सहायक सिद्ध होता है।' कबीर की साखी के आधार पर कथन को स्पष्ट कीजिए। अपना व्यक्तिगत अनुभव भी बताइए। (5)

प्र13. नैतिक मूल्यों का हास ही वर्तमान अराजकता का कारण है। हमारी युवा पीढ़ी इन नैतिक मूल्यों को बचाने में किस प्रकार महत्वपूर्ण भूमिका निभा सकती है? 'हरिहर काका' कहानी के आधार पर स्पष्ट कीजिए। (5)

(खण्ड-घ)

(लेखन)

प्र14. दिए गए संकेत बिंदुओं के आधार पर किसी एक विषय पर 80 से 100 शब्दों में अनुच्छेद लिखिए :- (5)

(क) बुजुर्गों का अनुभव! हमारी धरोहर

- बुजुर्ग परिवार की नींव
- बुजुर्गों के अनुभव विकास की सीढ़ी
- बुजुर्गों के प्रति हमारा दायित्व

(ख) युवा पीढ़ी के कर्तव्य

- भूमिका
- देश का भविष्य : युवा वर्ग
- देश के प्रति दायित्व

(ग) शहरों में ट्रैफिक जाम की समस्या

- वाहनों की बढ़ती भीड़
- रास्तों पर अवैध कब्जे
- ट्रैफिक नियमों के प्रति उदासीनता

प्र15. लोगों में डिब्बा बंद खाद्य पदार्थों के दुष्परिणाम के प्रति जागरूकता उत्पन्न करने हेतु संपादक को पत्र लिखिए। (5)

प्र16. विद्यालय के नाटक परिषद् के सचिव होने के नाते दिल्ली की नाटक मंडली 'अनुज थियेटर' की ओर से दिखाए जाने वाले नाटक 'शहीदों को सलाम' को देखने के लिए छात्र-छात्राओं को लगभग 30 शब्दों में सूचना देते हुए निमन्त्रण दीजिए, जिसमें समय व स्थान की जानकारी भी हो। (5)

प्र17. दसवीं के परीक्षा-परिणाम और भविष्य की चिंता व्यक्त करते हुए माताजी और पुत्र/पुत्री में लगभग 50 शब्दों में संवाद लिखिए। (5)

प्र18. 'बेटी बचाओ, बेटी पढ़ाओ' - विषय पर समाज को जागरूक करने हेतु एक विज्ञापन तैयार कीजिए। (5)

SUBJECT : FRENCH

Time : 3 Hrs.

M.M.: 90

General Instructions :

- (i) *Read all the questions very carefully.*
- (ii) *Mark the question as given in the question paper.*
- (iii) *Attempt all the questions.*

SECTION-A (COMPRÉHENSION ÉCRITE)

Q. Lisez le texte et répondez aux questions suivantes :

Seul Sur la Mer

Depuis quatre mois, Bernard Moitessier est seul avec 'Joskua', son bateau à voiles; seul sur la mer (pour faire le tour du monde).

13 heures. Dans sa cabine, Bernard s'arrête de manger.
<<Quels sont ces bruits sur la mer? Ce sont sûrement des poissons.>>

Bernard sort de sa cabine. Ce sont des dauphins, beaucoup de dauphins, peut-être quatre-vingts ou cent. Ils nagent à côté du petit bateau rouge et blanc.

Bernard est heureux de se trouver au milieu de ces joyeux animaux.

<<Tiens, aujourd'hui les dauphins n'ont pas l'air d'avoir envie de jouer, que se passe-t-il? Un groupe de dauphins passe à côté du bateau, de l'arrière à l'avant puis tourne à droite; ils recommencent plus de dix fois la même chose.

<<Je ne comprends pas. C'est extraordinaire, ils ne font jamais ça. Qu'est-ce qu'ils veulent dire? Le compas! Le compas! Le bateau ne va plus vers l'Ouest. Le vent vient du Sud maintenant et je cours droit vers les rochers de l'île Stewart cachée par le mauvais temps>>.

Vite, Bernard change ses voiles pour tourner vers le Sud-Ouest et alors les dauphins deviennent plus tranquille. Ils semblent maintenant jouer avec le bateau!

Q1. Répondez aux questions suivantes :- (2)

- (i) Pourquoi Bernard est-il heureux?
- (ii) Comment s'appelle le bateau de Bernard?

Q2. Dites Vrai ou Faux :- (2)

- (i) Bernard est sur la mer pour faire le tour du monde.
- (ii) Le dauphin est un animal très joyeux.
- (iii) Les poissons font ces bruits sur la mer.
- (iv) L'île Stewart est cachée par le beau temps.

Q3. Cochez la bonne réponse :- (4)

(i) Bernard était un :

- (a) pilote
- (b) médecin

(c) marin

(ii) Bernard a entendu :

- (a) un cri
- (b) une alarme

(c) des bruits

(iii) Les dauphins sont :

- (a) heureux
- (b) mécontents

(c) rapides

(iv) Bernard voyage avec un bateau :

- (a) mécanique
- (b) à rames

(c) à voiles

Q4. Trouvez dans le texte :- (1)

(i) L'équivalent d' une chambre dans un bateau

_____.

(ii) Un adjectif qui indique quelque chose qui n'est pas normal _____.

Q5. Donnez le contraire des mots suivants :- (1)

(i) commencer ≠ _____

(ii) sortir ≠ _____

SECTION-B (EXPRESSION ÉCRITE)

Q1. Écrivez une lettre d'environ 80 mots à vos parents en décrivant une visite au musée. (10)

Q2. Mettez le dialogue en ordre :- (5)

Mon frère : Je ne sais pas pour l'avenir. Peux-tu me conseiller?

Moi : Oui, mais tu pourras avoir un bon travail.

Mon frère : La science, je voudrais être ingénieur comme papa.

Moi : Que voudrais-tu faire?

Mon frère : Je devrais étudier beaucoup.

Moi : Tu dois entrer dans un IUT pour faire des études de technologie.

Q3. Écrivez la recette d'un plat qui est facile à préparer. (5)

Q4. Vous devez partir pour un travail urgent et vous ne pouvez pas assister à la soirée organisée par votre camarade de classe. Rédigez un refus. (30-35 mots) (5)

SECTION-C (GRAMMAIRE)

Q1. Reliez les phrases avec les pronoms relatifs donnés :- (5)

(qui, que, dont, où, avec lesquels)

(i) C'est un roman policier. Nous avons déjà lu ce roman.

(ii) Ce sont mes nouveaux amis. Je vais au cinéma avec mes amis.

(iii) Vous avez donné des livres. Ils sont magnifiques.

(iv) Donne-moi ce stylo. Tu ne te sers plus de ce stylo.

- (v) Nous visiterons la grotte. Nous avons trouvé le trésor dans la grotte. (5)

Q2. Mettez au négatif :- (5)

- (i) Nous mangeons de la viande.
(ii) Tout le monde aime ce film.
(iii) Elle va souvent à la piscine.
(iv) J'ai déjà fait mes devoirs.
(v) Ma sœur a tout donné à son amie.

Q3. Remplissez les tirets avec les articles :- (5)

Pendant (a) _____ weekend, (b) _____ français passent beaucoup (c) _____ temps dans (d) _____ salle à manger (e) _____ dîner est très élaboré. Ils commencent avec (f) _____ hors d'œuvres. Ensuite (g) _____ viande avec (h) _____ vin. Ils aiment (i) _____ fromage et ils mangent (j) _____ fromage à chaque repas.

Q4. Mettez aux temps convenable :- (5)

- (i) Dans dix minutes, les garçons _____ (sortir) de la classe.
(ii) Aussitôt que je _____ (arriver), je ferai mes devoirs.
(iii) Le professeur _____ (arriver), il y a cinq minutes.
(iv) Nous avons acheté une voiture, quand nous _____ (gagner) de l'argent.
(v) Ils _____ (se promener) dans le jardin tous les soirs.

Q5. Complétez les tirets avec les pronoms démonstratifs :- (5)

- (i) Vous voulez acheter cette chemise-ci ou _____ ?
(ii) La vie à Paris est plus intéressante que _____ à Lyon.

- (iii) Je ne préfère pas ces livres, je préfère _____.
- (iv) Regardez ces deux enfants, _____ qui est à droite est très beau.
- (v) Parlez-vous de ce film-ci ou de _____?
- Q6. Retrouvez les phrases :- (5)
- (i) oncle/il/vacances/allé/pendant/est/chez/son/les.
- (ii) continues/guitare/tu/à/jouer/de/la?
- (iii) faut/connaissance/une/français/bonne/il/avoir/du.
- (iv) a/à/elle/question/cette/répondu.
- (v) film/voudrions/voir/un/ensemble/nous.

- Q7. Remplacez les noms soulignés avec les pronoms personnels :- (5)
- (i) Elles vont acheter des pommes.
- (ii) Je mets les stylos dans la boîte.
- (iii) Elles veulent parler au PDG.
- (iv) Je vais partir avec mes cousins.
- (v) Vous allez au Japon.

SECTION-D (CULTURE ET CIVILISATION)

- Q1: Répondez aux questions suivantes :- (5x2=10)
- (i) Quelles sont les responsabilités d'une secrétaire?
- (ii) Nommez des objets qu'on trouve dans un bureau.
(quatre)
- (iii) Qu'est-ce qu'il faut avoir pour obtenir une carte de lecteur?
- (iv) Qu'est-ce que le tour de France?
- (v) Nommez les différentes rubriques d'un journal.
(quatre)

Q2. Reliez les mots de la colonne A avec ceux de la colonne B :- (3)

- | A | B |
|-------------------------------|---|
| (i) ARTE | (a) le collège |
| (ii) Une agrafeuse | (b) Chaîne à la télévision |
| (iii) Zapper | (c) Au bureau |
| (iv) Le brevet | (d) Ranger les dossiers |
| (v) Secrétaire | (e) belles |
| (vi) les aiguilles de Bavella | (f) Passer d'une chaîne de télé à l'autre |

Q3. Dites vrai ou faux : (4)

- (i) Un bon élève doit toujours faire attention au professeur.
- (ii) On ne doit pas être optimiste.
- (iii) Les études à l'université ne coûtent pas chers.
- (iv) Si votre ami est au chômage, vous ne l'aidez pas.

Q4. Complétez ces phrases suivantes :- (3)

- (i) _____ (L'île de France/Bastia/La Corse) est une petite île au sud de la France dans la mer _____ (Arabe/méditerranée/Noire)
- (ii) _____ (Bordeaux/Roquefort/Toulouse) est un endroit où on cultive le vin en France.

सङ्कलनात्मकं मूल्याङ्कनम् - I (2015-16)

संस्कृतम् - सम्प्रेषणात्मकम्

कक्षा - दशमी

समय : होरात्रयम्

पूर्णाङ्कः 90

निर्देशाः

- (i) प्रश्नपत्रे चत्वारः खण्डाः सन्ति।
 खण्डः (क) अपठित-अवबोधनम् - 10 अङ्काः
 खण्डः (ख) रचनात्मक-कार्यम् - 15 अङ्काः
 खण्डः (ग) अनुप्रयुक्त-व्याकरणम् - 30 अङ्काः
 खण्डः (घ) पठित-अवबोधनम् - 35 अङ्काः
- (ii) सर्वे प्रश्नाः अनिवार्याः।
 (iii) प्रश्नानाम् उत्तराणि खण्डानुसारं क्रमेणैव लेखनीयानि।
 (iv) प्रश्नसंख्या अवश्यमेव लेखनीया।
 (v) उत्तराणि संस्कृतेनैव लेखनीयानि।

खण्ड : 'क'

अपठित-अवबोधनम् - (10 अङ्काः)

1

10

अधोलिखितम् अनुच्छेदं पठित्वा प्रश्नानाम् उत्तराणि लिखत (2 + 2 + 4 + 2)

दीपावलिः प्राचीनतमं पर्व। अस्मिन् दिने सर्वाधिकम् आकर्षकं मनोरञ्जनं भवति स्फोटकानाम् आस्फोटनम्। विचित्राणि वर्णयुक्तानि स्फोटकानि आकाशे भूमौ च विविधरूपाणि दर्शयन्ति। जनाः तानि दृष्ट्वा तुष्यन्ति। परन्तु अति सर्वत्र वर्जयेत्। रात्रौ आस्फोटकानां शब्दः कर्णौ बध्नीकरोति वायुमण्डलं च दूषयति। पूर्वं तु जनसंख्या सीमिता आसीत्। वृक्षाः वायुं शुद्धं कुर्वन्ति स्म। इदानीम् जनसंख्या प्रवृद्धाः, वृक्षसंख्या क्षीणा। विस्फोटकेभ्यः निर्गतः धूमः रुग्णान् पीडयति, नवजातशिशुभ्यः हानिकरः सिध्यति। दीपावलि-समये शरदि आकाशः निर्मलः भवति। सर्वत्र पवित्रता विराजते। अतः वयम् आनन्देन दीपावलिम् मानयेम, वसुन्धरां भूषितां कुर्याम न तु दूषिताम्। सर्वेषां जीवनं सुखमयं भवेत्। किं तेन उत्सवेन यः कस्मैचित् अपि कष्टकरः भवेत्? मा कश्चिद् दुःखभाग् भवेत् इति अस्माकम् आदर्शः।

प्रश्नाः

I. एकपदेन उत्तरत।

- (i) केषाम् आस्फोटनम् सर्वेभ्यः आकर्षकम् मनोरञ्जकम् च?
 (ii) दीपावलिः कस्मिन् ऋतौ भवति?

II. पूर्णवाक्येन उत्तरत।

- (i) अस्माकं कः आदर्शः?

- (ii) स्फोटकानां धूमः कान् पीडयति?
- III. प्रदत्तविकल्पेभ्यः उचितं उत्तरम् निर्देशानुसारम् चित्वा लिखत ।
- (i) 'प्रवृद्धा' इत्यस्य किं विलोमपदम् अत्र प्रयुक्तम्?
- (अ) हानिकारः (ब) वसुन्धरा
(स) पवित्रता (द) क्षीणा
- (ii) 'सर्वत्र पवित्रता विराजते' अत्र किं कर्तृपदम्?
- (अ) पवित्रता (ब) सर्वत्र
(स) आकर्षकम् (द) निर्मलः
- (iii) 'पर्व' इत्यस्य किं विशेषणम् अत्र प्रयुक्तम्?
- (अ) दीपावलिः (ब) प्राचीनतमम्
(स) आकर्षकम् (द) मनोरञ्जनम्
- (iv) 'पृथिवीम्' इत्यस्य किं पर्याय प्रयुक्तम्?
- (अ) वसुन्धरा (ब) भूषिताम्
(स) धूमः (द) वायुमण्डलं
- IV. अस्य अनुच्छेदस्य कृते समुचितं शीर्षकं लिखत ।

खण्डः 'ख'

रचनात्मक-कार्यम् - (15 अङ्कः)

2

भवान् प्रणवः । स्वमित्रं पशुपक्षिभिः सह क्रूरव्यवहारात् निषेधयितुं लिखितं पत्रं मञ्जूषायां प्रदत्तपदैः पूरयत । (½ 5
x 10)

10/28 जयपुरनगरम्

(i)

तिथिः -----

प्रियमित्र (ii) !

सस्नेहम् नमस्ते ।

त्वया लिखितं पत्रम् इदानीमेव मया प्राप्तम् । एतत् (iii) चाऽहम् अतीव प्रसन्नः यत् त्वया वार्षिकक्रीडा-समारोहे शूटिंगप्रतिस्पर्धायां प्रथमस्थानं प्राप्तम् । मम हार्दिकं वर्धापनं स्वीकरोतु परं सार्धमेवं मम एकं निवेदनम् अप्यस्ति यत् स्वाभिरुचेः पूरणार्थं वराकेभ्यः (iv) जीवनाधिकारः तु नैव हर्तव्यः । क्षणं विचारय मित्र ! यदेतैः पशुपक्षिभिः कः अपराधः कृतः ? एते तु सर्वदैव प्रकृतेः (v) वर्धयन्ति । मयूरस्य नृत्यम्, पिकस्य गायनम्, शुकस्य सम्भाषणं, कपोतानाम् उड्डयनं, मृगाणां मनोहारिणी गतिश्च कस्य मनः न आनन्दयति । यदि सर्वे एव स्वाभिरुचिं पूरयितुम् एतेषां वधं करिष्यन्ति तर्हि एते तु (vi) दुर्लभाः भविष्यन्ति । अतः कृपया मम निवेदनम् अन्यथा न ग्राह्यम् अपितु अस्मिन् (vii) चिन्तयितव्यम् । गृहे (viii) यथायोग्यम् अभिवादनम् ।

तव (ix) मित्रम्

(x)

मञ्जूषा

पशुपक्षिभ्यः, विषये, अभिन्नम्, राजस्थानप्रदेशतः, प्रणवः, सर्वेभ्यः, ज्ञात्वा, शोभाम्, वसन्त, जन्तुशालायामपि

3 मञ्जूषायां प्रदत्तशब्दानां सहायतया चित्रं दृष्ट्वा पञ्च वाक्यानि संस्कृतेन लिखत।

10



मञ्जूषा

चिकित्सकः, कन्याम्, बालकः पश्यति, रुग्णा, पश्यति, माता, कन्या, कथयति, पिता, समीपे, आसने, निरीक्षते, उपविष्टः, परीक्षणम्

अथवा

'बालश्रमः बालकेषु अत्याचारः' इति विषयम् अधिकृत्य संस्कृतेन पञ्च वाक्यानि लिखत। सहायतार्थं मञ्जूषा 10 दत्ता।

मञ्जूषा

जलपानगृहेषु, भोजनालयेषु, उद्योगेषु, बालकाः, शिक्षातः, वञ्चिताः, क्रीडनात्, जनाः, जीवनविकासः ग्रामेभ्यः, आगच्छन्ति, अपि, धनप्राप्त्यै, कुर्वन्ति।

खण्डः 'ग'

अनुप्रयुक्त व्याकरणम् - (30 अङ्काः)

4 अधोलिखितवाक्येषु रेखाङ्कितपदेषु सन्धिं विच्छेदं वा कृत्वा लिखत।

5

- (i) पापकर्म कृत्वा ते विनाश+उन्मुखाः भवन्ति।
- (ii) लोके चक्षुर्दानम् दुष्करम्।
- (iii) जगत्+शत्रुः मा भव।

- (iv) प्रार्थना+एषा क्रियताम्।
 (v) अधुना सः भोजनङ्करोति।

5 अधोलिखितवाक्येषु रेखाङ्कितपदेषु समासं विग्रहं वा प्रदत्तविकल्पेभ्यः चित्वा लिखत।

6

- (i) धनलुब्धः नरः कदापि सुखी न भवति।
 (अ) धनं लुब्ध (ब) धनेन लुब्धः
 (स) धन लुब्धः (द) धनाय लुब्धः
- (ii) मम उद्याने अनेके श्वेतकपोताः सन्ति।
 (अ) श्वेताः कपोताः (ब) श्वेत कपोताः
 (स) श्वेतः कपोताः (द) श्वेतं कपोताः
- (iii) पञ्चवटी इति स्थाने रामः सीतया लक्ष्मणेन च सह वसति स्म।
 (अ) पञ्च वटानां समाहारः (ब) पञ्चस्य वटस्य समाहारः
 (स) पञ्च वटस्य समाहारः (द) पञ्चानां वटानां समाहारः
- (iv) दुष्कर्म न उचितम्।
 (अ) अनुचितः (ब) अनुचिता
 (स) अनुचितम् (द) अनुचितानि
- (v) माता शिशोः मुखं कमलम् इव दृष्ट्वा प्रसीदति।
 (अ) मुखकमलम् (ब) मुखकमलानि
 (स) मुखकमला (द) मुखकमलः
- (vi) सप्तानां शतानां समाहारः विशिष्टः ग्रन्थः विद्यते।
 (अ) सप्तशतीन् (ब) सप्तशतीम्
 (स) सप्तशती (द) सप्तशतीः

6 अधोलिखितवाक्येषु रेखाङ्कितपदानां प्रकृतिप्रत्ययौ संयोज्य विभज्य वा लिखत।

5

- (i) आदर्शः नागरिकः सदा देशस्य विषये चिन्तयति।
 (ii) विद्वद्भिः कविताः रच् + अनीयर्।
 (iii) बुद्धिमन्तः छात्राः एव संसारे श्रेष्ठाः भवन्ति।
 (iv) मम अर्थिनः तु धनलाभमात्रेण एव सन्तुष्टाः।
 (v) सभायाम् उच्चैः न वच् + तव्यत्।

7 प्रदत्तविकल्पेभ्यः उचितम् अव्ययपदं चित्वा वाक्येषु रिक्तस्थानानि पूरयत।

5

- (i) शुश्रूषा श्रवणं च _____ धीगुणाः सन्ति।
 (ii) एषः कलहः _____ भवतां विनाशकारणं भविष्यति।
 (iii) हेयम् _____ च किम् भवति?
 (iv) यथा सेवा _____ फलम्।

(v) ज्वालमालाकुलाः अश्वाः प्राणत्राणाय___ अधावन्।

मञ्जूषा

नूतम्, एव, अपि, इतस्ततः, तथा

8 अधोलिखिते संवादे रिक्तस्थानानि वाच्यानुसारं पूरयत। 5

श्यामः - छायाचित्रं छायाकारः रचयति।

अशोकः - एवम्। (i) छायाकारेण रच्यते। पत्रं कः लिखति?

श्यामः - विद्यार्थिना (ii) लिख्यते। (पत्र)

अशोकः - एवम्। किं युष्माभिः प्रदर्शनी दृश्यते?

श्यामः - आम्, वयम् प्रदर्शनी (iii) । (दृश)

अशोकः - ततः बहिः के आगच्छन्ति?

श्यामः - ततः बहिः अतिथिभिः (i) । (आ+गम्)

अशोकः - किम् ते भोजनार्थं गच्छन्ति?

श्यामः - आम् (v) भोजनार्थं गम्यते।

9 अधोलिखितेषु वाक्येषु अङ्कानां स्थाने समयसूचकसंस्कृतपदानि लिखत। 4

(i) गोपालः 7.30 वादने विद्यालयं गच्छति।

(ii) दिव्या 8.00 वादने विद्यालयं गच्छति।

(iii) गोपालः 2.15 वादने गृहं प्रत्यागच्छति।

(iv) दिव्या 2.45 वादने गृहं प्रत्यागच्छति।

खण्ड : 'घ'

पठित-अवबोधनम् - 35 अङ्कः

10 अधोलिखितं गद्यांशं पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि लिखत (2+1+2) 5

कस्मिंश्चित् नगरे चन्द्रो नाम भूपतिः प्रतिवसति स्म। तस्य पुत्राः वानरक्रीडारताः वानरयूथं नित्यमेव विविधैः भोज्यपदार्थैः पुष्टिं नयन्ति स्म। तस्मिन् राजगृहे बालवाहनयोग्यम् मेषयूथम् आसीत्। तेषां मेषाणां मध्ये एको मेषः जिह्वालोलुपतया अहर्निशं महानसं प्रविश्य यत् पश्यति तद् भक्षयति। ते च सूपकाराः यत्किञ्चित् काष्ठ-मृण्मयं भाजनं कांस्यताम्रपात्रं वा पश्यन्ति तेन तम् आशु ताडयन्ति स्म। मेषस्य सूपकाराणां कलहम् अवक्ष्य नीतिविदाम् अग्रणीः वानरयूथपतिः अचिन्तयत्- 'एतेषां कलहो न वानराणां हिताय।'

I. एकपदेन उत्तरत।

(i) भूपतेः नाम किम् आसीत्?

(ii) जिह्वालोलुपतया कः महानसं प्रविश्य यत् पश्यति तद् भक्षयति?

II. पूर्णवाक्येन उत्तरत।

वानरयूथपतिः मेष-सूपकाराणां कलहं दृष्ट्वा किम् अचिन्तयत्?

III. निर्देशानुसारम् उचितम् उत्तरं विकल्पेभ्यः चित्वा लिखत -

- (i) 'पश्यति' इति क्रियापदस्य कर्तृपदम् किम्?
(अ) वानरः (ब) सूपकारः (स) मेषः (द) नृपः
- (ii) "तम् आशु ताडयन्ति स्म" अत्र 'तम्' पदं कस्मै प्रयुक्तम्?
(अ) नृपाय (ब) वानराय
(स) मेषाय (द) सूपकाराय

11 अधोलिखितं श्लोकं पठित्वा निर्देशानुसारं प्रश्नान् उत्तरत। (2+1+2)

5

शारदा शारदाम्भोजवदना वदनाम्बुजे।
सर्वदा सर्वदाऽस्माकं सन्निधिं सन्निधिं क्रियात्।।

I. एकपदेन उत्तरत।

- (i) का सर्वदा अस्ति?
(ii) सत् निधिं कुत्र सन्निधिं क्रियात्?

II. पूर्णवाक्येन उत्तरत।

सरस्वत्याः वदनं कथम् अस्ति?

III. अधोलिखितप्रश्नयोः समुचितम् उत्तरं विकल्पेभ्यः चित्वा लिखत -

- (i) 'क्रियात्' इति क्रियापदस्य कर्तृपदं किम्?
(अ) सन्निधिं (ब) अस्माकं
(स) शारदा (द) सर्वदा
- (ii) 'आननम्' इत्यर्थे अत्र किं पदं प्रयुक्तम्?
(अ) वदनम् (ब) आम्बुजम्
(स) अम्भोजः (द) अस्माकम्

12 अधोलिखितं नाट्यांशं पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि लिखत। (2+1+2)

5

वानरयूथपतिः - सूपकाराणां मेषेण सह एषः कलहः नूनं भवतां विनाशकारणं भविष्यति। उक्तम् हि - तस्मात् यत्र गृहे
नित्यम् अकारणः कलहः स्यात्। जीवितं वाञ्छन् तत् गृहं दूरतः परिवर्जयेत्।

कपयः - भो! किमिदम् उच्यते? न वयं स्वर्गसमानोपभोगान् विहाय अटव्यां क्षार-तिक्त-कषाय-कटु-
रूक्षफलानि भक्षयिष्यामः।

वानरयूथपतिः - रसनास्वादलुब्धाः यूयम् अस्य सुखस्य कुपरिणामं जानीथ। अहं तु वनं गच्छामि।

I. एकपदेन उत्तरत।

- (i) यूथपतिः कुत्र गन्तुम् उद्यतः भवति?
(ii) रसनास्वादलुब्धाः के आसीत्?

II. पूर्णवाक्येन उत्तरत।

कपयः कान् विहाय कुत्र गन्तुं न इच्छन्ति स्म?

III. निर्देशानुसारम् शुद्धम् उत्तरं विकल्पेभ्यः चित्वा लिखत।

- (i) 'जानीथ' इति क्रियापदस्य कर्तृपदं किम्?
 (अ) अस्य (ब) यूयम्
 (स) त्वम् (द) अहम्
- (ii) 'अकारणः' इति विशेषणपदस्य विशेष्यपदं किम्?
 (अ) तस्मात् (ब) कलहः
 (स) दूरतः (द) यूथपः

13 मञ्जूषातः उचितपदानि चित्वा अधोलिखितश्लोकयोः भावार्थं पूरयत । (½x8) 4

I. न तथा शीतलसलिलं न चन्दनरसो न शीतलाछाया ।
 प्रह्लादयति च पुरुषं यथा मधुरभाषिणी वाणी ॥

भावार्थः - शीतलं (i) चन्दनस्य रसः, शीतलाछाया अपि (ii) हृदयं तथा (iii) न करोति यथा
 मधुरभाषिणी (iv) आह्लादयति ।

II. नास्ति विद्यासमंचक्षुः नास्ति सत्यसमंतपः ।
 नास्ति रागसमंदुखं नास्ति त्यागसमंसुखम् ॥

भावार्थः - अस्मिन् संसारे विद्या एव (v) चक्षुः अस्ति । सत्यम् (vi) मन्यते । (vii) एव दुःखम्
 अस्ति । (viii) एव परमं सुखम् अस्ति ।

मञ्जूषा

त्यागः, प्रसन्नम्, जलम्, तपः, अस्माकम्, पुरुषस्य, वाणी, रागः

14 मञ्जूषातः समुचितं पदं चित्वा अधोलिखितश्लोकस्य अन्वयं पूरयत । 4

तस्मात्त्वमिन्द्रियाण्यादौ नियम्य भरतर्षभ!
 पाप्मानं प्रजहि ह्येनं ज्ञानविज्ञाननाशनम् ॥

अन्वयः - भरतर्षभ! तस्मात् त्वम् (i) इन्द्रियाणि (ii) ज्ञानविज्ञाननाशनम्
 (iii) पाप्मानम् हि (iv) ।

मञ्जूषा

प्रजहि, एनम्, नियम्य, आदौ

15 वाक्येषु रेखाङ्कितपदानां स्थाने उचितं प्रश्नवाचकपदं प्रयुज्य प्रश्ननिर्माणं कुरुत । 4

- (i) पठने अक्षराणां स्पष्टता स्यात् ।
 (ii) सज्जनाः शशिनः किरणसमाः भवन्ति ।
 (iii) राजा अमात्यान् उवाच ।
 (iv) सङ्गात् कामः जायते ।

16 घटनाक्रमानुसारम् अधोलिखितानि वाक्यानि पुनः लेखनीयानि । (½ x 8) 4

- (i) राजा अभाषत, "किमेकेन चक्षुषा, अहं भवते चक्षुर्द्वयमेव प्रयच्छामि।"
- (ii) विप्रः उवाच, "यदि भवान् प्रीतः तदा त्वत्तः एकचक्षुषः दानम् इच्छामि।"
- (iii) राजा विप्रम् उवाच, "भगवन्! भवन्मनोरथं पूरयित्वा आत्मानम् अनुगृहीतं कर्तुम् इच्छामि।"
- (iv) राज्ञः नेत्रदाननिश्चयं ज्ञात्वा अमात्याः अवदत् "महाराज! अलम् एतावता दुस्साहसेन।"
- (v) राजा अचिन्तयत्, "लोके चक्षुर्दानं दुष्करमेव।"
- (vi) "आदिश्यताम्, किं करवाणि?"
- (vii) अयं याचकः केनापि प्रेरितः स्यात्।
- (viii) अथवा भवतु नाम! किं बहु चिन्तनेन।

17

रेखाङ्कितपदानां प्रसङ्गानुसारम् उचितम् अर्थं चित्वा लिखत ।

4

- (i) यदि भवान् प्रीतः एकं नेत्रं मे देहि।
- | | |
|----------------|--------------|
| (अ) प्रीतः नाम | (ब) प्राप्तः |
| (स) प्रसन्नः | (द) रुष्टः |
- (ii) मम लोकयात्रा निर्वाधा भवेत्।
- | | |
|------------------|----------------|
| (अ) पर्यटनम् | (ब) लोकभ्रमणम् |
| (स) जीवननिर्वाहः | (द) परलोकगमनम् |
- (iii) भवान् चिरं परिक्लेशम् अनुभवितुम् न अर्हति।
- | | |
|---------------|--------------|
| (अ) चिरात् | (ब) प्रसन्नः |
| (स) दिर्घकालं | (द) सुदूरं |
- (iv) प्रभूतं धनमेव दीयताम्?
- | | |
|---------------|---------------------------|
| (अ) विगतम् | (ब) पर्याप्तम् |
| (स) प्रसन्नम् | (द) काठिन्त्येन प्राप्तम् |

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