

## हिंदी

### खंड- 'अ' (वस्तुपरक प्रश्न)

#### अपठित गद्यांश

प्रश्न-1. नीचे गद्यांश दिए गए हैं। किसी एक गद्यांश को पढ़िए और उस पर आधारित प्रश्नों के उत्तर दीजिए

मनुष्य एक सामाजिक प्राणी है। उसका धर्म है कि वह स्वयं लिए और दूसरों को भी जीने दे। वह अपने सुख-दुख के साथ दूसरों के सुख-दुख की ओर भी ध्यान दे। अपने स्वार्थ को छोड़कर दूसरों के हित की भी सोचे। अपना स्वार्थ सिद्ध करना मानवता नहीं है। 'परहित' ही सच्ची मानवता है। यही सच्चा धर्म है। मनुष्य अपनी क्षमता या सामर्थ्य के अनुसार परहित कर सकता है। वह मन से धन से या तन से अथवा तीनों से दूसरों की भलाई कर सकता है। दूसरों के प्रति सच्ची सहानुभूति रखना भी परहित है। किसी को संकट से बचाना, किसी को कुमार्ग से हटाना, किसी दुखी और निराश व्यक्ति को सांत्वना देना भी परहित के ही अंतर्गत आता है। भगवान राम ने ऋषि-मुनियों की तपस्या में बाधा डालने वाले राक्षसों का संहार किया। ईसा मसीह ने लोगों का उत्थान किया, सम्राट अशोक ने स्थान-स्थान पर कुएँ, तालाब आदि खुदवाकर जनता का उपकार किया। यही मानवता का प्रमुख धर्म है।

- (क) मनुष्य का धर्म है  
(ख) मानवता नहीं है  
(ग) सच्चा धर्म है-  
(घ) परहित के अंतर्गत आता है

#### व्यावहारिक व्याकरण

प्रश्न-2 i. निम्नलिखित में 'उत्कर्ष' का विलोम शब्द है -

- (क) अपकर्ष (ख) शिखर (ग) चोटी (घ) तल

ii. निम्नलिखित में किस शब्द में अनुनासिक का उचित प्रयोग किया गया है -

- (क) ज़रूर (ख) पढ़ाई (ग) संवाद (घ) महँगा

प्रश्न-3.i. निम्नलिखित में से कौन-सा वाक्य निजवाचक सर्वनाम का उदाहरण है-

- (क) मैं कल जयपुर जाऊँगा। (ख) तुम कहाँ जा रहे हो?  
(ग) अपना काम स्वयं करो। (घ) यह मेरी पुस्तक है।

प्रश्न-4.i. निम्नलिखित में से किस शब्द में नुक्ता का सही प्रयोग हुआ है-

- (क) लड़ाई (ख) चढ़ाई (ग) आवाज़ (घ) कड़ाही

ii. 'दैत्य' शब्द का उचित पर्यायवाची है-

- (क) व्याल (ख) असुर (ग) अहि (घ) वृत्र

प्रश्न-5.i. कर्म के आधार पर क्रिया के कितने भेद होते हैं-

- (क) चार (ख) पाँच (ग) दो (घ) तीन

ii. 'कक्षा में तीन बच्चे बैठे थे।' इस वाक्य में से विशेषण का कौन-सा भेद प्रयोग हुआ है-

- (क) परिमाणवाचक (ख) गुणवाचक (ग) संख्यावाचक (घ) सार्वनामिक

#### खंड- 'ब' (वर्णनात्मक प्रश्न)

प्रश्न-6. निम्नलिखित प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर 15-20 शब्दों में दीजिए-

- (क) निर्मला ने स्वयं बचते देख और सायल को अजगर का शिकार करते देख क्या सोचा?  
(ख) स्वामीनाथन को पिताजी कौन-सी बात अच्छी लगी और क्यों?  
(ग) लेखक साँस लेने में कठिनाई क्यों होने लगी?

प्रश्न-7. निम्नलिखित प्रश्नों में से किन्हीं दो उत्तर 20-25 शब्दों में दीजिए-

- (क) सच्चे मित्र में कौन-कौन गुण होते हैं? पाठ 'निर्मला, साँप और सयाल के आधार पर स्पष्ट कीजिए।  
(ख) क्या पूरा ब्रह्मांड समय के अनुसार चल रहा है? कैसे?  
(ग) 'हिलेरी की चिमनी' लेखक के लिए चिंता का विषय क्यों थी?

प्रश्न-8. राकेश ने प्रदर्शन के दिन सभी को खास-खास हिदायतें फिर से क्यों दी? (30-40 शब्दों में)

(लेखन)

प्रश्न-9. विद्यालय कि ओर से पिकनिक का आयोजन किया रहा है। इसकी सूचना विद्यालय के सभी विद्यार्थियों को देनी है।

इस सूचना में शामिल किए जाने वाले बिंदुओं के बारे सोचिए और सूचना लिखिए।

प्रश्न-10. परीक्षाओं में अंतिम परीक्षा के दिन के अनुभवों को डायरी के रूप में लिखिए।

प्रश्न-11. 'समय का महत्त्व' विषय पर 100-125 शब्दों में अनुच्छेद लिखिए।

#### Social Science Section -A

- Q.1 What is meant by SiAL?  
Q.2 Define Biosphere.  
Q.3 Which layer of the soil contain humus?  
Q.4 Define Glacier.  
Q.5 What is lava?

- Q.6 Respective layers of the earth from top to bottom are -
- Q.7 Which layer is safe for flying aircraft? (troposphere /Stratosphere /mesosphere)
- Q.8 Prithiviraj Raso was written by-
- Q.9 Which period is known as the medieval period in Indian history?
- Q.10 Who was the real founder of the Rashtrakuta empire.
- Q.11 The Sun temple, known for its fine architecture ,is situated at-
- Q.12 The famous temple built by Rajaraja-1 at Tanjore was-
- Q.13 Who was the founder of the Chola dynasty ?
- Q.14 Define democracy .
- Q.15 Atmosphere is mainly composed of three major gases – nitrogen ,\_\_\_\_\_ and CO<sub>2</sub>
- Q.16 The Governor of a state is appointed by the-
- Q.17 Name the different variables of atmosphere?
- Q.18 Define media
- Q.19 Information provided by media should not be -
- Q.20 Which Country did Johannes Gutenberg belong to?

### Section –B

- Q.21 What are the different means of print and electronic media?
- Q.22 List the reasons responsible for the defeat of Indian rulers.
- Q.23 Mention three functions of the state Legislature.
- Q.24 Where were rock-cut temple built?
- Q.25 Differentiate between the P-Wave and the S- Wave
- Q.26 Draw the diagram of Mechanism of rainfall.

### Section –C

- Q.27 Mention the main provision of the Right to Equality.
- Q.28 Describe the development of art and architecture under the southern rulers
- Q.29 What is the importance of carbon dioxide and oxygen for living beings.

Or

Why the earth is called the “Blue Planet”.

Mention the distribution of water in the Northern and Southern hemisphere.

- Q.30 On an outline map of the world ,show the given National Parks.
- a. Gir National Park
  - b. Fiord Land National Park
- Q.31 On an outline map of the world ,identify and locate the two countries visited by Marco Polo
- Q.32 On an outline map of the world, locate and label the following-
- a. China
  - b. Germany

### Mathematics

#### Section-1

- Q 1. Define rational numbers.
- Q 2. Add :
- $$-2\frac{5}{6} + \frac{13}{-6}$$
- Q 3. Convert  $\frac{3}{4}$  in its decimal form.
- Q 4. 12% of 50 + 5% of 120 is equal to –
- (a) 10                      (b) 15                      (c) 12                      (d) 20
- Q 5. What is 50% of a number whose 200% is 20?
- (a) 15                      (b) 5                      (c) 20                      (d) 10
- Q 6. In triangle ABC, AB + BC > \_\_\_\_\_
- (a) AB                      (b) BC + AC                      (c) AC                      (d) None

#### Section-2

- Q 7. Fill in the blanks.

$$(i) \frac{2}{7} = \frac{8}{---} = \frac{---}{-63}$$

$$(ii) \frac{36}{---} = \frac{-4}{9} = \frac{-84}{---}$$

Q 8. The hypotenuse of a right triangle is 17 cm and one of the sides is 8 cm. The other side is -

- (a) 16 cm      (b) 12 cm      (c) 13 cm      (d) 15 cm

Q 9. Simplify and express the result as a rational number in its lowest terms.

$$\frac{2}{5} - \frac{1}{4} + (8.1 \times 2.7) \div 0.09$$

Q 10. A right angled triangle is isosceles. If the square of the hypotenuse is  $50\text{m}^2$ , what is the length of each of its sides?

Q 11. Rahul borrowed Rs. 50,000 from a Bank on 1 March 2014 and paid Rs. 53,150 on 6 October 2014. Find the rate of interest charged by the Bank.

### Section-3

#### **Value Based Question -**

Q 12. In a survey it was found that out of 125 people in a park, 12% jog, 16% do yoga and rest prefer to walk. Find the number of people who prefer to walk.

### Section-4

Q 13. Mr. A sells a bicycle to Mr. B at a profit of 20% and Mr. B sells it to Mr. C at a profit of 25%. If Mr. C pays Rs. 1,500, what did Mr. A pay for it?

Q 14. If 40% of 70 is x more than 30% of 80, then find x.

## Science

### **Section A**

#### **(Very short answer type questions)**

- (1) Why is nutrition important for a living organism?
- (2) The largest gland in the human body is the .....
- (3) Name the organ that makes up the human alimentary canal.
- (4) What are mineral acids?
- (5) Heat is a form of .....
- (6) In which direction does the transfer of heat normally take place?
- (7) Define the term 'periodic motion.'
- (8) Define transpiration.
- (9) Why do we need to breathe out carbon dioxide?
- (10) What are elements?

### **Section B**

#### **(Short answer type questions)**

- (1) Why would life not be possible on the earth in the absence of photosynthesis?
- (2) State the role of acid in the human stomach.
- (3) 'All alkalis are bases but all bases are not alkalis.' Justify this statement.
- (4) What is meant by sea breeze? When does it occur?
- (5) A boy walks to his school with a constant speed of 4km/h and reaches there in 30 minutes. Find the distance of the school from his house.
- (6) Where are stomata found in a plant? State their function.
- (7) Why do we get muscle cramps after heavy exercise?
- (8) How do woollen clothes keep us warm in winter?
- (9) How is silk fibre obtained from a cocoon?

### **Section C**

#### **(Long answer type questions)**

- (1) Why do some plants feed on insects? How does a pitcher plant catch insects?
- (2) Explain how digested food gets absorbed into the blood?
- (3) State the difference between neutral, acidic and basic salts. Give one example of each.
- (4) Give reasons: (a) A new quilt is warmer than an old one.  
(b) The bottoms of cooking utensils are often kept black.
- (5) (a) How can we make a simple pendulum?  
(b) A simple pendulum takes 10 sec. to complete 5 oscillations. Find the time period of the pendulum.
- (6) How is oxygen transported from lungs to the other part of the body?

(7) Write a short note on rearing of silkworms.

### Section D

#### (very long answer type questions)

- (1) (i) Draw a neat, well labelled diagram of the human digestive system.  
(ii) Explain ingestion of food, in amoeba, through a diagram.
- (2)(i) Describe an activity to show that solutions of salts in water can conduct electricity.  
(ii) Suggest an activity that can help one to decide whether a given solution is acidic or basic in nature.
- (2) (i) Draw a neat, well labelled diagram of the human respiratory system.  
(ii) why does a potted plant die when over watered?

#### Value based question

In the science class, Drishti observed a video showing the working of a pendulum wall clock. She noted that a slight change in the initial displacement of the (bob) did not affect the time – period of the pendulum. When she discussed her observation with her grandfather, he told her that we must also not let the effects of small disturbances to change the daily routine and the values of our life.

1. State any four values that we should maintain in our life.
2. Design an activity to show that a slight change, in the initial displacement of the bob, does not affect the time period of a simple pendulum.

### English

#### Section- A( Reading skill)

Q1. Read the passage carefully and answer the following questions.

Computers have proved their worth and utility in almost all arenas of human activity and have become an inseparable part of our lives. But possibly the most wonderful instance of computers reforming people's lives in their contribution in the life of physically challenged individuals. Before the advent of personal computers, people with physical disabilities often had great difficulty in performing everyday tasks, and had very limited opportunities for employment. someone who has only one muscle under his control or who can use only one hand or foot for typing, can completely control a computer. These people can operate a joystick mounted on an adjustable extension arm with their shoulder, arm, hands, lips, chin, cheek, or foot to command the cursor.

- i. What is the most wonderful example of computers improving people's lives?
- ii. What has become an integral part of today's life?
- iii. How can physically challenged people operate the joystick?
- iv. Who had very limited opportunities for employment?
- v. Who had great difficulty in performing everyday tasks?

#### Section-B (Grammar)

Q2. Make the sentences with these phrases.

- i. after all
- ii. Like this
- iii. On the wall

Q3. Underline the adverb clause in these sentences.

- i. We must preserve trees before it is too late.
- ii. They can win the match if they work hard.
- iii. She will be staying with me though she can afford a good hotel.

Q4. Complete the following sentences by adding a noun clause.

- i. No one can deny \_\_\_\_\_
- ii. My teacher wants \_\_\_\_\_
- iii. This is \_\_\_\_\_

Q5. Make any five simple sentences.

Q6. Make any five compound sentences.

Q7. Make any five sentences with transitive verb.

Q8. Make any five sentences with Intransitive verb.

Q9. Write the sentences using the modals.(can, may, must, should)

#### Section- C( Reader- writing skill)

Q10. Write a letter to the editor of the Voice of Humanity, highlighting the importance of joint family in your newspapers.

Q11. As a grandchild what are your responsibilities towards your grandparents?

Q12. On the basis of your understanding of the story, Write about complaint the two sisters had against each other.

Q13. Find words from the text which mean the following.

- a) Shouted-
- c) Tread heavily-

b) Hit with great force-

d) Came up-

**Section-D (Literature-Writing skill)**

Q14. Where was her mother's piggy bank?

Q15. Why did Manjula wear wrong shoes most of the Times?

Q16. Write a paragraph on the topic 'Man was born free but everywhere he is in chains in about 80-100 words.

**Sanskrit**

**प्रश्न 1. अधोलिखित गद्यांश पठित्या प्रदनप्रश्नानाम् उत्तराणि संस्कृते लिखत**

प्रकृतिः अस्माकं प्राणदायिनी माता इव अस्ति। एषा स्वच्छ विशुद्ध व पर्यावरण दत्या जीवान् पोषयति। जल, वायुम्, अन्नं, पुष्पाणि, फलानि, शाकान् व सर्वेभ्यः समानरूपेण यच्छति, पशवः, पक्षिणः, जलचराः इत्यादयः सर्वे प्रकृतेः अनुगुणम् एव स्वजीवनं यापयन्ति। किन्तु मानवः तु स्वार्थी अस्ति। सः स्वार्थलाभाय प्रकृतेः अधिकाधिक दोहनं करोति तस्याः सन्तुलनं च विनाशयति। न केवलम् अन्येषां प्राणिनाम् अपितु स्वजीवनम् अपि सङ्कटं स्थापयति। पर्यावरणस्य रक्षणम् अस्माकं सर्वेषां प्रमुखं कर्तव्यम् अस्ति। केवलं वैज्ञानिकानां सर्वकारस्यैव च एतत् उत्तरदायित्वं नास्ति। सर्वे जनाः मिलित्वा पर्यावरणस्य रक्षायै कृतसंकल्पाः भवेयुः जनैः सम्यक् ज्ञातव्यं यत् पर्यावरणस्य रक्षणं एवं अस्माकं रक्षा।

**(अ) एकपदं उत्तरत- (केवल प्रश्नद्वयम्)**

- अस्माकं प्राणदायिनी माता इव का अस्ति?
- मानवाः प्रकृतेः किं विनाशयन्ति ?
- कः स्वार्थीः अस्ति?

**(आ) पूर्णवाक्येन उत्तरत- (केवलं प्रश्नद्वयम्)**

- के के प्रकृतेः अनुगुणं जीवनं यापयन्ति?
- जनैः सम्यक् किं ज्ञातव्यम् ?
- प्रकृतिः सर्वेभ्यः समानरूपेण किं किं यच्छति?

**(इ) अस्य अनुच्छेदस्य उचितम् शीर्षकं लिखत**

**(ई) निर्देशानुसारम् उत्तरत- (केवलं प्रश्नत्रयम्)**

- 'पोषयति' इति क्रियायाः कर्तृपदं किम् ?
- 'माता' इति पदस्य विशेषणपदं गद्यांशात् चित्वा लिखतु ।
- 'जीवानाम्' इति पदस्य पर्यायपदं गद्यांशे किं प्रयुक्तम् ?
- 'मलिनम्' इति पदस्य विलोमपदं गद्यांशात् चित्वा लिखत

**(रचनात्मक कार्यम्)**

**प्रश्न 2. भवान् सागरः अस्ति। स्वविद्यालयस्य वनमहोत्सवं वर्णयन् स्वमित्रं इशांकं प्रति पत्रं लिखति। मञ्जूषातः उचितपदं वित्या रिक्तस्थानानि पुरयत पत्रं च उत्तरपुस्तिकायां लिखत।**

मञ्जूषा-वाटिकायाम् पादयानाम्, मिलित्वा, कार्यक्रमः, उत्साहिताः, अभिन्नहृदयः  
प्रणामान्, कुशलम् व्यस्तताया, कार्यक्रमस्य

प्रिय मित्र इशांक  
सप्रेम नमोनमः ।

अत्र (i)----- किन्तु भवान् मम (ii)----- तत्रास्तु । गतसप्ताहे अहं पत्रं न प्रेषितवान् तस्य कृते क्षमा प्रार्थये। कारणं ज्ञात्वा प्रसन्नः भविष्यति। गतसप्ताहं मम विद्यालये वनमहोत्सव आयोजितः आसीत्। सर्वे छात्रा (iii)----- आसन्। अस्माकं विद्यालयस्य (iv)-----एव एकस्याः पादपशालायाः निर्माणम् अभवत्। छात्राः स्वकक्षा अध्यापकैः सह तत्र पादपान् आरोपितयन्तः। केचन वरिष्ठाः छात्राः तु अध्यापकैः सह विद्यालयात् बहिः गत्वा सरणिम् उभयतः (v)----- आरौपणम् कृतवन्तः। सर्वे छात्राः अध्यापकाश्च (vi)----- हरितमा-आन्दोलनम् अचालयन्। समारोहे आगताः अतिथयः अस्य (vii)----- मुक्तः कण्ठेन प्रशंसाम् अकुर्वन्। यदि भवतां विद्यालये अपि ईदृशः (viii)----- भवेत् तर्हि अवश्यमेव प्रतिभागी नमस्ते भवतु। अग्रिम मासे अहं तव गृहम् आगमिष्यामि। पितृभ्यां मम (ix)----- निवेदयतु ।

भवताम्

सागर

**प्रश्न 3- अधोलिखित वाक्यानाम् संस्कृतभाषायाम् लिखन्तु**

- |                    |                      |
|--------------------|----------------------|
| क. हम सब खेलते हैं | ग. तुम दोनों पढते हो |
| ख. मैं जाता हूँ ।  | घ वह लिखता है        |

**प्रश्न 4. वद् धातु लोट् लङ् लकार च लिखन्तु।**

**प्रश्न 5. अकारान्य शब्द रूपम् लिखतु।**

**प्रश्न 6. संस्कृत भाषायाम् लिखतु।**

45,55,28,16,33,56,96,100,67,78

**प्रश्न 7. हिन्दी अनुवादम् कुरुत।**

कश्चित् बालः आसीत्। सः बङ्गप्रदेशे एकस्मिन् विद्यालये पठति स्म। सः अतीव जिज्ञासुः आसीत्।

परन्तु सः पठने कुशलः न आसीत् । सः यत् पठति तत् विस्मरति स्म। सहपाठिनः तस्य उपहास कुर्वन्ति स्म चिन्तयति-किम् अहं मूर्खः अस्मि ? किं मम भाग्ये विद्या न अस्ति? परन्तु अहं तु पठितुम् इच्छामि। तदा किं कर्तव्यम् ? एकदा सः मार्गे एकं कूपम् अपश्यत् । कूपस्य उपरि एकः घटः आसीत्। सः घटस्य अधः एकं गर्तम् अपश्यत्। सः अचिन्तयत्-इमं सुन्दरं गर्तं कः निर्मितवान्? सःमातरम् अपृच्छत्-मातः! अहं कूपे घटस्य अर्थः एकं गर्तम् अपेरयम्। तं गर्तम् कः निर्मितवान्? माता अवदत्-पुत्र ! प्रतिदिनं भूयो भूयोः घट-स्थापनेन सः गर्तः निर्मितः।

### HALF YEARLY EXAMINATIONS: 2022-23

Dear Parents:

Date/ Day	III	IV	V	VI	VII	VIII	IX
19-09-22 Monday	Hindi	English	Hindi	Skt.	Science	Maths	English
21-09-22 Wednesda y	S. Sc.	Hindi	Skt.	Science	Maths	English	Hindi
23-09-22 Friday	Maths	Science	S.Sc.	English	Hindi	S.Sc.	Science
26-09-22 Monday	Science	Maths	English	S.Sc.	Skt.	Hindi	S.Sc.
28-09-22 Wednesda y	_____	S. Sc.	Maths	Hindi	English	Science	Maths
30-09-22 Friday	English	_____	Science	Maths	S.Sc.	Skt.	_____

Half yearly examination will start from Monday, 19 September 2022. The Date Sheet is as follows:

Result will be declared on Saturday, 08 October 2022 from 11 a.m. to 1 p.m.

1. School timings are 08:00 a.m. – 12:00 noon for all classes from 19 September, 2022 to 30 September, 2022. School Buses will play accordingly.
2. Examination timings: 8:30 a.m. to 11:30 a.m.
3. There will be mock test series to revise the syllabus for Half Yearly Examination from 6 September 2022 to 16 September 2022. Kindly keep in touch with subject teachers for performance of your child.
4. There will be preparatory holiday on Saturday, 17 September, 2022 for all classes.
5. Minor exams D.S., G.k., Computer and Drawing will be conducted on normal working days i.e. 15 and 16 September 2022.

15-09-22 Thursday	D.S./ Computer	D.S./ Computer	D.S./ Computer	D.S./ Computer	D.S./ Computer	D.S./ Computer	Normal Working Day
16-09-22 Friday	G.K./ Drawing	G.K./ Drawing	G.K./ Drawing	G.K./ Drawing	G.K./ Drawing	G.K./ Drawing	Computer

6. Extra classes for class VIII and IX from 6 September to 13 September 2022. Time table for extra classes will be circulated in class.
7. Preparation of SOF/ Silver Zone Olympiad Exam from 6 September 2022 till the commencement of exam.

**Note: Parent are requested to attend PTM on Friday, 16 September, 2022 from 2:15 p.m. to 2:45 p.m.**