

ST. COLUMBUS SCHOOL
DAYALBAGH, FBD
CLASS – IX
ASSIGNMENTS

ENGLISH (184)

GENERAL INSTRUCTIONS:

1. This paper is divided into two parts A and B. All questions are compulsory.
2. Separate instructions are given with each section and question, wherever necessary. Read these instructions very carefully and follow them.
3. Do not exceed the prescribed word limit while answering questions.
4. Read the questions carefully before attempting them.

1. Read the following passage carefully:

The Hitopadesa is one of the best known and widely translated work of the Sanskrit literature. It is a collection of fables in prose, with numerous sayings and maxims inverse. Both the fables and the verses advise the reader in the worldly wisdom and political affairs.

The Hitopadesa was the second work to have been translated directly from Sanskrit into English in 1787 .The first work to be translated directly into English was the Bhagavad Gita , three years earlier. The translator of this work was Charles Wilkins a merchant employed by the East India company in Bengal.

For almost a century after its first translation into English, scholars considered the author of Hitopadesa to be Visnu Sharma who is also the principal character and narrator in the work. But the discovery of the earliest Hitopadesa manuscript in Nepal refutes this. The two concluding versus of the manuscript names Narayana as the author and Chandra as his patron who commissioned the work.As clearly defined in its prologue, the Hitopadesa is a book of niti , which is a study of appropriate conduct and policy in worldly affairs and politics. The Hitopadesa expounds niti through fables and verses. The pattern is that of the frame story, that is , a story within a story. The narrative describes a king who is worried that his sons lack education and are becoming wayward. He summons all the wise men of the kingdom and asks who among them can make his sons to be 'born again' by teaching them niti . The challenge is accepted by Visnu Sharma whose knowledge of niti is as great as that of Brihaspati , the Guru of all the gods. Visnu Sharma takes the princes into his care and instructs them by narrating the four books of the Hitopadesa.

The structure of the Hitopadesa is remarkably similar to that of the Panchtantra, a much earlier a collection of tales. Both have an almost identical frame story, and the principal narrator that has the same name. Some scholars have described the Hitopadesa as a 'version' of the Panchtantra others as a 'recast' while others as an 'independent work'.

However, there is no doubt that the Panchtantra is the chief source of material for the Hitopadesa. In the prologue Narayana himself acknowledges this fact. The other main source of for the Hitopadesa is nitisara of kamandaki . Nearly 90 verses in the Hitopadesa are quotations from this work.

On the basis of your understanding of the above passage, Answer the following:

I. The first work to be translated directly into English was the

- a. Hitopadesa
- b. BhagwadGeeta
- c. Nitisara
- d. Panchtantra

II. Who is considered as the principal character and narrator of the work of Hitopadesa?

- a. Visnu Sharma
- b. Narayanan
- c. Chandra
- d. Charles Wilkins

III. Charles Wilkins was

- a. A merchant employed by the East India company
- b. An officer employed by the East India company
- c. A professor of literature
- d. A British writer

IV. Niti refers to

- a. Worldly affairs and politics
- b. Appropriate conduct and policy
- c. Fables and verses
- d. The frame story

V. The hitopadesha is written in

- a. Prose
- b. Verses
- c. Both i. and ii.
- d. Neither i. nor ii

VI. The structure of the Hitopadesha is similar to that of

- a. Niti
- b. Panchtantra
- c. Bhagwat Geeta
- d. None of the above

VII. Give the synonym for the word 'a short story'. (para 1)

- a. Verses
- b. Fables
- c. Maxims
- d. Numerous

VIII. Give the synonym for the word 'deny'. (para 3)

- a. Manuscript
- b. Refutes
- c. Patron
- d. Scholars

IX. Give the antonym for the word 'confuse'. (Para 4)

- a. Expounds
- b. Summons
- c. Instructs
- d. Affairs

X. Give the antonym for the word 'different'. (Para 5)

- a. Remarkably
- b. Identical
- c. Prologue
- d. Acknowledges

2. Fill in the blanks with the appropriate options given below:

You are eating (i) than you can digest. That's why you have (ii) poor digestion. When I asked what should I do to eat (iii) she replied, "eat only (iv) at a time. There are (v) ways one can control (vi) weight.

- I. a. Most b. More
- c. Much d. Many

- | | | |
|------|-------------|-------------|
| II. | a. A | b. A little |
| | c. More | d. Little |
| III. | a. Little | b. Less |
| | c. More | d. Most |
| IV. | a. More | b. Less |
| | c. A little | d. Little |
| V. | a. A | b. More |
| | c. Many | d. Little |
| VI. | a. Their | b. Our |
| | c. His | d. My |

Complete the following sentences with the appropriate options given after sentences

- I. participant from the school was awarded a certificate.
- Every
 - Each
 - Few
- II. You can sing song you like.
- Any
 - Many
 - Some
- III. He has neither wealth power.
- Or
 - Nor
 - both
- IV. answer script was carefully marked.
- Each
 - Some
 - Many

3. Read the following extract choose the appropriate option for the given questions:

Wind , come softly.

Don't break the shutters of the windows.

Don't scatter the papers.

Don't throw down the books on the shelf.

- I. The poet asks wind to come softly because
- a. The poet is scared
 - b. The boy doesn't want the shutters to break
 - c. The wind makes too much noise
 - d. It is cold.

II. The poet asks the wind not to scatter the

- a. Shutter
- b. Papers
- c. Books
- d. All of the above

III. The poet is afraid the wind will

- a. Break the windows
- b. Through the books
- c. Scatter the paper
- d. All the above

IV. Wind symbolises

- a. Obstacles
- b. Solution
- c. Anxiety
- d. None of the above

V. The poet of the poem 'wind' is.....

- a. Robert Frost
- b. William Wordsworth
- c. Subramaniam Bharati
- d. Coates Kinney

4. Read the following extract choose the appropriate option for the given questions:

Two roads diverged in a yellow wood,
And sorry I could not travel both
And be one traveller, long I stood
And looked down one as far as I could
To wear it bent in the undergrowth

I. The word diverge here means

- a. Disagree
- b. Wander
- c. Merge
- d. Move apart

II. The poet stood there for long because

- a. The roads were very beautiful
- b. He could not decide which road to take
- c. He was waiting for a friend
- d. He was lost

III. Where was the one road bending?

- a. In a forest
- b. In a garden
- c. Nowhere
- d. Towards clean area

IV. Why did the poet feel sorry for himself?

- a. He wanted to travel on both the roads
- b. He could not travel on both the roads
- c. The road was divided into two parts
- d. None of the above

V. What is the rhyme scheme of the above extract?

- a. abaab
- b. aabba
- c. aabbc
- d. abcab

5. Answer the following questions in 20-30 words .(any five).

- a. What were different things the child wanted to buy in the fair?
- b. Why did Margie's mother send for the county inspector?
- c. What did the little child do under the grove?
- d. Why did Aurangzeb ban the playing of the pungi?
- e. When was Evelyn's deafness first noticed?
- f. Which road was chosen by the poet and why?

SCIENCE(086)

Physics

1. (a) Identify the kind of motion in the following cases:
 - (i) A car moving with constant speed turning around a curve.
 - (ii) An electron orbiting around nucleus.(b) An artificial satellite is moving in a circular orbit of radius 36,000 km. Calculate its speed if it takes 24 hours to revolve around the earth.
2. (a) Define average speed.
(b) A bus travels a distance of 120 km with a speed of 40 km/h and returns with a speed of 30 km/h. Calculate the average speed for the entire journey.
3. Define uniform and non-uniform motion. Write one example for each.
4. What does the odometer of an automobile measure? Which of the following is moving faster? Justify your answer.
 - (i) A scooter moving with a speed of 300 m per minute.
 - (ii) A car moving with a speed of 36 km per hour.
5. A car travels from stop A to stop B with a speed of 30 km/h and then returns back to A with a speed of 50 km/h. Find
 - (i) displacement of the car.
 - (ii) distance travelled by the car.
 - (iii) average speed of the car.

Chemistry

1. Water is liquid at room temperature ?Give reason?
2. Why ice at 273k is more effective in cooling?
3. Why can we smell hot food easily?
4. Convert 298 K into Celsius?
5. Why naphthalene balls disappear after some time?

Biology

1. Name the structural and functional unit of life.
2. Which structure in cell known as suicidal bag of the cell?
3. Write the differences between the following-
 - a) plant cell and animal cell.
 - b) mitosis and meiosis .
4. Write the functions of the following-
 - a) Chloroplast.
 - b) Mitochondria
 - c) Ribosome.
5. Fill in the blanks:-
 - a) discovered cell.
 - b) is known as power house of the cell.
 - c)contains genetic material in cell.
 - d) Golgi apparatus invented by.....
 - e) Mitosis cell division helps in and

SOCIAL SCIENCE(087)

- 1 Which strait separate Sri Lanka from India?
- 2 Which states are our Southern neighbours across the sea?
- 3 Which islands lie to the south-east of the mainland?
- 4 Describe India's neighbours.
- 5 Our country has cultural linkage with entire Asian countries through the ages. Explain how?
- 6 Name the factor of production.
- 7 What is the major bad effect of tubewell irrigation?
- 8 Why is land area under cultivation is fixed in Palampur?
- 9 What do the large farmers like Tejpal Singh do with his earnings?
- 10 Besides two main crops which third crop is being grown in Palampur in the past fifteen years?
- 11 Define democracy?
- 12 Who has the final decision-making power in democracy?
- 13 Describe four features of democracy?
- 14 What lessons are drawn from the rule of President Mugabe in Zimbabwe?
- 15 Why the election held in Mexico not considered free and fair?

MATHEMATICS(041)

1. If $3x + 2y = 12$ and $xy = 6$, find the value of $27x^3 + 8y^3$.
2. Simplify $(1^3 + 2^3 + 3^3)^{\frac{1}{2}}$.
3. In a camp organized by the students of class-9 to donate amount collected to flood victims of Kashmir. At the time of payment of a juice glass at one stall of juice, stall holder asked the students to pay the remainder of $x^3 + 3x^2 + 3x + 1$ divided by $(x-12)$. What is the price of the juice at the stall? Which value is depicted by class-9 students by organizing such camps?
4. Let x and y be a rational and irrational numbers. Is $x + y$ necessarily an irrational number? Give an example in support of your answer.
5. If $x^a = y$, $y^b = z$ and $z^c = x$, then prove that $abc = 1$.
6. Manu went to his mathematics teacher and asked him "Sir, I want some chocolates to distribute among my classmates for my birthday but I have no money. Can you provide me some chocolates?". Teacher told Manu, I am giving you two numbers $3+2\sqrt{5}$ and $3-2\sqrt{5}$ and if you can find the value of sum of their squares, then I will provide you as many chocolates as the resulting value of sum of squares of given numbers. Find the number of chocolates. What value is depicted from this action?
7. If $f(x) = 9 + 4\sqrt{5}$, find the value of $x + (1/x)$.
8. If $ax^3 + bx + x - 6$ has $(x + 2)$ as a factor and leaves remainder 4, when divided by $(x - 2)$. Then find the values of a and b .
9. Find the zeroes of the polynomial $3x^2 + x - 2$.
10. In a survey, it was found that 9 out of every 11 households are donating some amount of their income to an orphanage or old age home or institutions for physically handicapped.
 - (i) What fraction of households is not donating?
 - (ii) Write it in decimal form and find what type of decimal expansion it has?
 - (iii) What values of society are depicted in this question?
11. If $(4)^{2x-1} - (16)^{x-1} = 384$, then find the value of x .
12. How many rational numbers can be found between two distinct rational numbers?
13. Express $8.123123123\dots$ in the form of p/q . Where p and q are co-prime integers.
14. Express $0.333333\dots$ in the form of p/q . Where p and q are co-prime integers.
15. Simplify $4\sqrt{3} + 2\sqrt{75} - 3\sqrt{12}$
16. Simplify $(3 + \sqrt{3})(2 + \sqrt{2})^2$
17. If $(81)^{5/n} = 243$, find n .
18. Give one example of each. (a) Terminating decimals (b) Non terminating repeating decimal
19. If $x = 2 - \sqrt{5}$, find $x^2 + 1/x^2$
20. Find the fifth root of 243.

HINDI(002)

निम्नलिखित प्रश्नों के उत्तर लिखिए ।

1. लड़की द्वारा रस्सी खोल देने पर भी बैल भागना क्यों नहीं चाहते थे?
2. साँड को अपनी ओर आते देख हीरा-मोती ने क्या निश्चय किया?
3. लोग लाठी की तरह बंदूक-पिस्तौल लिए क्यों घूमते हैं?
4. डांडे के देवता का स्थान किन चीजों से सजा था?
5. इस संसार में सच्चा संत कौन कहलाता है?
6. मनुष्य ईश्वर को कहाँ-कहाँ ढूँढ़ता फिरता है?
7. अपने मित्र के जन्म दिन पर मित्र को बधाई देते हुए पत्र लिखिए।

I.T.(402)

CH- Communication Skills, Skill Management, ICT

1. List the benefits of self-management in student's life.
2. What do you mean by time management?
3. What are the qualities of the Self Confident people?
4. What benefits students get from ICT tools?
5. Give any three uses of smartphone.
6. Explain the types of memory of computer.
7. Write the difference between RAM and ROM
8. What are the categories of computer software?
9. Explain any four roles of operating System.
10. Explain utility programs with examples.
11. Name the types of Internet Connection.
12. List the steps to search for information using a web browser.
13. What characters should the password have in e-mail address, to make it more secure?
14. What are the categories of communication?
15. What are the various elements of non-verbal communication?