

DHANBAD PUBLIC SCHOOL
HOLIDAY ASSIGNMENT (2018-2019)

STD:- IX

ENGLISH

DATE:-

1. Prepare a Book Review on any one of the following or any other novel of your choice:-

Suggested Novels :-

i) Three Men In a Boat

ii) Gulliver's Travel

iii) Oliver Twist

Details:-

a) Introduction of the author

b) Summary of the text

c) Characterization

d) Your opinion or view points about the novel.

SUB :- HINDI

प्र० 01 निर्देशानुसार उत्तर दीजिए—

- (I) सज्जन, अत्यंत, परीक्षा, उच्चारण, दुर्जन, दुर्भाग्य, अपव्यय, सदाचार, संस्थान, पराजय, शब्दों में प्रयुक्त उपसर्ग व मूल शब्द लिखिए।
(II) सम्, उप, स्व, अधि, निर, सु, अति, स, बे, बद, उपसर्गों से दो-दो शब्द बनाएँ—
(III) नीच, दान, आवट, आवना, आपा, इक, इत, वार, ई, ता— प्रत्यय युक्त दो-दो शब्द लिखें।
(IV) राजकुमार यथाशक्ति, रात-दिन, देशवासी, नीलकंठ, राजा-प्रजा, आमरण, त्रिफला, पीतांबर, महात्मा, शरणागत, दशानन— समस्तपदों का विग्रह कर समास का नाम लिखिए।
(V) अर्थ के आधार पर वाक्य के भेद बताइए—
(क) लड़कों घर में आराम करो। (ख) रोगी उठ-बैठ नहीं सकता।
(ग) ईश्वर करे, आपका कार्य पूरा हो। (घ) सुनो, वह पुस्तक मुझे दे दो।
(ङ) यदि वह जल्दी करता तो गाड़ी पकड़ लेता। (च) अहा! कितना रमणीय दृश्य है।
(छ) आपकी यात्रा मंगलमय हो। (ज) रात के समय तुम्हें घर से बाहर नहीं निकलना चाहिए।
(झ) क्या बच्चे लाइन में जाएँगे? (ञ) यदि वर्षा अच्छी होती है तो फसल भी अच्छी होती है?

(VI) अलंकार बताइए—

- (क) माला फेरत जुग भया, गया न मन का फेर। (ख) मुदित महीपति मंदिर आए।
कर का मनका डारि के, मन का मनका फेर।। (घ) सेवक सचिव सुमंत बुलाए।।
(ग) सुबरन को ढूँढत फिरत कवि, व्यभिचारी, चोर। (घ) जेते तुम तारे तेते नभ में न तारे हैं।
(ङ) मधुर-मधुर मुसकान मनोहर, मनुज वेश का उजियाला।

II निम्नलिखित प्रश्नों के उत्तर दें—

- (I) 'दो बैलों की कथा' कहानी आज़ादी के संग्राम की प्रतीक है, कैसे?
(II) 'ल्हासा की ओर' प्रस्तुत यात्रा-वृत्तांत के आधार पर बताइए कि उस समय का तिब्बती समाज कैसा था?
(III) ईश्वर प्राप्ति के लिये बहुत से साधक हठयोग जैसी कठिन साधना भी करते हैं, लेकिन उससे भी लक्ष्य -प्राप्ति क्यों नहीं होती?
(IV) कबीर जी ने ईश्वर को 'सब स्वाँसों की स्वाँस में क्यों कहा है?
(V) यात्रा-वृत्तांत गद्य साहित्य की एक विधा है। यह विधा किन मायनों में अलग है?

SUB :- SANSKRIT

प्र० 01 वर्णविन्यासं कुरु—

- (1) श्रमिकः (2) विद्या (3) छात्रः (4) प्रगतिः (5) आचार्या
(6) ज्ञानी (7) सर्वम् (8) कृषकः (9) कर्तव्यः (10) क्रम

प्र० 02 वर्ण संयोजनं कुरु—

- (1) प् + उ + स् + त् + अ + क् + आ + न् + इ (2) ग् + ऋ + ह् + अ + म्
(3) क् + आ + र् + य् + आ + ण् + इ (4) प् + र् + अ + त् + य् + अ + क् + ष् + अ + म्
(5) अ + ह् + अ + म्

प्र० 03 निम्नलिखित वर्णानाम् उच्चारणस्थानम् लिख्।

- (1) य् (2) ह् (3) ल् (4) ऐ (5) ब् (6) स् (7) छ् (8) अ

प्र० 04(क) संधि-विच्छेदं कुरु—

- (1) कस्मिंश्चिद् (2) न्यवसत् (3) अतीव (4) नैतादृशः (5) चैव
(6) रथार्थम् (7) गृहमागत्य (8) वृक्षस्योपरि (9) सूर्योदयात् (10) तत्रोपस्थिता
(ख) (1) प्रति + अवदत् (2) यथा + इच्छम् (3) अत्र + एव (4) लोभ + आविष्टा
(5) गृहम् + आगत्य (6) प्र + उक्तम् (7) इति + उक्त्वा (8) दैत्यम् + आगता + अपि
(9) त्रुटिता + इति (10) प्रचलति + अत्र

प्र० 05 (क) द्वितीया उपपदविभक्तिः — प्रति, अनु अभितः, परितः उभयतः, सर्वतः अव्ययशब्दों से दो-दो वाक्य संस्कृत में बनाएँ—

- (ख) तृतीया उपपदविभक्तिः सह, साकम्, समम्, सार्धम्, बधिरः, काणः, विना, अलं, आदि शब्दों का प्रयोग कर दो-दो वाक्य संस्कृत में बनाएँ।

प्र० 06 प्रत्ययाः क्त्वा, तुमुन् एवं ल्यप प्रत्ययों कर प्रयोग का दस-दस शब्द निर्माण करें।

प्र० 07 उपसर्गाः — अनु, अव, निर, निस्, दुर, दुस, वि, नि, प्र, अति आदि उपसर्गों से दो-दो संस्कृत शब्द निर्माण करें।

प्र० 08 परियोजनाकार्यम् — 'संधिवृक्ष' (सन्धिवृक्ष के माध्यम से स्वरसंधि के भेदों को दर्शाएँ)

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SUB :- MATHEMATICS

- Q1. What is rational and irrational number
- Q2. Write 5 examples of irrational number.
- Q3. Insert 10 rational numbers between $-5/13$ and $6/13$.
- Q4. Is zero a rational number? Justify.
- Q5. Express $0.999\dots$ as a fraction in simplest form.
- Q6. Draw $\bar{2}$, $\bar{3}$, and $\bar{5}$ on number line.
- Q7. Insert two rational and two irrational number between 2 and 2.5.
- Q8. Find rational number a and b such that
- (a) $\frac{\bar{2}-1}{\bar{2}+1} = a + b \bar{2}$ (b) $\frac{2-\bar{5}}{2+\bar{5}} = a \bar{5} + b$
- Q9. If $x = 13 + 2\bar{3}$ find the value of $x^2 + 1/x^2$
- Q10. Evaluate $(1^3 + 2^3 + 3^3)^{1/2}$
- Q11. Define the polynomial of degree n.
- Q12. What is constant polynomial. Give examples.
- Q13. Give the following examples
- 1) a monomial of degree 5. 2) a binomial of degree 20. 3) a trinomial of degree 3.
- Q14. Verify division algorithm for the polynomial $p(x) = 3x^4 - 4x^3 - 3x - 1$ and $g(x) = x - 2$.
- Q15. State remainder theorem. Give example
- Q16. State factor theorem. Give example.
- Q17. Define zero of a polynomial.
- Q18. Using remainder theorem find the remainder when $p(X) = X^3 - 6X^2 + 9X + 3$, $g(x) = x - 1$
- Q19. Find the value of k for which $(x-1)$ is a factor of $(2x^3 + 9x^2 + x + k)$
- Q20. Show that $g(x)$ is a factor of $p(x)$ when $p(x) = x^3 - 8$ and $g(x) = x - 2$
- Q21. Define the following terms:-
- a) Line segment b) Ray
- c) Parallel lines d) Intersecting lines e) Concurrent lines
- Q.22 Write Euclid's five postulates.

SUB :- SCIENCE

1. What do you mean by melting point?
2. Define latent heat of vaporization?
3. What do you mean by matter?
4. State 2 characteristics of liquid state?
5. What do you mean by evaporation?
6. Sponge is a solid but still we are able to compress it. Why?
7. A chair is considered to be a solid. Why?
8. What do you mean by diffusion?
9. In which state of matter is diffusion fastest and why?
10. Naphthalene balls disappear without leaving any residue. Why?
11. What do you mean by scalar and vector quantities?
12. Give 2 difference between speed and velocity?
13. What do you mean by acceleration?
14. Under what condition the average velocity of a body equal to its average speed?
15. What do you mean by uniform acceleration?
16. Relate 36 km/h to m/s.
17. When is an object said to be in a state of motion?

18. Starting from rest a body attains a velocity of 36km/h in 5 sec. Calculate its acceleration .
 19. A truck starts moving with an initial velocity of 36 km/h. How much distance will it cover in 1 min if it moves with a uniform acceleration of 1m/s^2 ?
 20. Derive $S=ut+\frac{1}{2}at^2$
 21. Mention any two abiotic factors that affect crop production .
 22. Write the name of an external source for the replenishment of the nutrients in the soil .
 23. For increasing production ,what is common in poultry ,fisheries and bee-keeping ?
 24. What are the benefits of cattle farming ?
 25. What is genetic manipulation ?How is it useful in agricultural practices ?
 26. Differentiate between capture fishing, mariculture and aquaculture .
 27. Define apiculture . Give two advantages of apiculture .
 28. What will happen if both the crops in mixed cropping are similar ?
 29. What is the need of varietal improvement ?
 30. Name the various techniques or practices used for achieving sustainable agriculture .
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SUB :- S.SC

Answer the following questions:

1. Describe the French society.
2. What were the causes of the outbreak of the French Revolution?
3. What was the estates general?
4. Which period is known as reign of terror and why?
5. What was the main object of the National Assembly in France while drafting the constitution in 1791?
6. What is the southernmost point of the Indian mainland and what is its latitude?
7. Which Indian state has the longest coastline and international border?
8. What is the strategic significance of India's location in Asia?
9. What is the latitudinal and longitudinal extent of India?
10. Explain the impact of India's relations with the other countries of the world through land routes?
11. Which Pakistani General led a military coup in October 1999?
12. Which party of Zimbabwe helped its country to gain independence?
13. What is democracy? Mention any two features?
14. Name the famous political party of Mexico?
15. What do you mean by Direct democracy?
16. Explain representative democracy . Why is it the most common form of government in modern times?
17. What are the non farming activities being carried out in Palampur?
18. Define working capital.
19. State the importance of growing more than one crop on a piece of land.
20. Mention the negative effects of green revolution.

PROJECT WORK (To be prepared in a stick file)

Preparedness for disaster management (any one topic to be done)

1. earthquake
2. landslide
3. drought
4. cyclone
5. flood