

Hindi 8th

परिवर्तन सन्धि का कारण बनते हैं; जैसे- 'परमानन्द' दो शब्दों से मिलकर बना है- परम + आनन्द। परम के अन्त में 'अ' और आनन्द के प्रारम्भ में 'आ' ध्वनि है। इन दोनों वर्णों में सन्धि होने के कारण ही 'परमानन्द' शब्द बना है। सन्धियुक्त शब्दों को अलग-अलग करने की विधि को **सन्धि-विच्छेद** कहते हैं।

1. दिए गए शब्दों में सन्धि-विच्छेद कीजिए-

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|------------------|-------|-----------------|-------|
| (क) महाराजाधिराज | _____ | (ख) दर्शनार्थ | _____ |
| (ग) देशान्तर | _____ | (घ) वृद्धावस्था | _____ |

2. निम्नलिखित में सन्धि कीजिए-

- | | | | |
|------------------|-------|------------------|-------|
| (क) वार्ता + लाप | _____ | (ख) सूर्य + अस्त | _____ |
| (ग) देव + आलय | _____ | (घ) रेखा + अंकित | _____ |

3. दिए गए शब्दों के दो-दो पर्यायवाची लिखिए-

- | | | | |
|-----------|-------|-----------|-------|
| (क) पत्थर | _____ | (ख) औरख | _____ |
| (ग) जंगल | _____ | (घ) पेड़ | _____ |
| (ङ) पर्वत | _____ | (च) पोड़ा | _____ |

4. दिए गए समस्तपदों का विग्रह कीजिए-

- | | | | |
|-------------------|-----------------|-------------------|-------|
| (क) महाराजा | महान है जो राजा | (ख) पुरुषोत्तम | _____ |
| (ग) नीलकण्ठ | _____ | (घ) प्रधानाध्यापक | _____ |
| (ङ) प्रधानमन्त्री | _____ | (च) सधर्म | _____ |
| (छ) पीताम्बर | _____ | (ज) महात्मा | _____ |



मूल्याधारित प्रश्न (Value Based Questions)

Analytic Skills

- ❖ युद्ध नहीं होना चाहिए- क्या यह सम्भव है? अपने विचार प्रकट कीजिए।
- ❖ क्या आशा, इच्छा, कामना का होना गलत है? अपने विचार लिखिए।



क्रियाकलाप (Activity)

- ❖ भीष्म साहनी द्वारा लिखित उपन्यास 'तमस' का धारावाहीकरण और फिल्मीकरण किया गया था। youtube पर फिल्म देखने का प्रयास कीजिए।
- ❖ भीष्म साहनी की अन्य कहानियाँ पुस्तकालय अथवा इण्टरनेट की मदद से खोजकर पढ़िए और कक्षा में सुनाइए।
google search : www.wikipedia.org/wiki/bhisham_sahni

A. Multiple Choice Questions (MCQs)

Tick (✓) the correct option:

- The creator wanted to make a new species of _____.
(a) flowers ☐ (b) birds ☐ (c) animals ☐ (d) humans ☐
- The horse can _____.
(a) run a race ☐ (b) pounce on prey ☐ (c) fight ☐ (d) both (a) and (c) ☐
- The Creator's heart was filled with _____.
(a) anger ☐ (b) smile ☐ (c) pity ☐ (d) none of these ☐
- Now the horse could only hop like a _____.
(a) dog ☐ (b) donkey ☐ (c) frog ☐ (d) cat ☐

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- The Creator grew red with _____.
(a) anger ☐ (b) laugh ☐ (c) happiness ☐ (d) shame ☐

B. Write 'T' for true and 'F' for false statements:

- God created the horse out of heavier and strong stuff. ☐
- The horse ran to fight and pounce upon a prey. ☐
- The Creator gave the horse thick forests to live in. ☐
- The horse lived happily in man's home. ☐
- Man corded the hind legs of the horse. ☐
- God was angry with man and gave teeth and claws to the horse like tigers. ☐
- God took the horse to His fields in the heaven. ☐
- God was ashamed of Himself for having committed the blunder of creating the horse. ☐

C. Fill in the blanks:

- The lion lives in a _____.
- Man gave _____ to the horse to live in.
- Man sured that the Creator will change his mind in _____.
- Man corded the _____ of the horse.

D. Answer the following questions:

- What did the Creator say to the assistant?
- What did the assistant reply?
- What was left little in store of the creator?
- What did the man say to the creator about the horse?



GRAMMAR FUN

Pairs of Words

E. Neither _____ nor

Look at the following sentences :

She cannot sing.

She cannot dance.

We can combine these two sentences into one by using conjunctions **neither** _____ **nor**.

She can **neither** sing **nor** dance.

Now, join the following pairs of sentences into one each by using **neither** _____ **nor**:

- The boy is not intelligent. He is not hard working.
- The boy is not my friend. He is not my brother.
- They have not rejected my proposal. They have not accepted it.
- Mohan was not present. His friend was not present.
- Delhi is not very cold in November. Agra, too, is not very cold in November.

F. Not only _____ but also.

Look at the following sentences. He is honest. He is also hard working. We can combine these

EXERCISE 10.4



1. Divide :

(a) $6x^3$ by $-2x$

(d) $\frac{-7}{9}y^4$ by $3y^2$

(g) $\frac{2}{3}x^2y$ by $\frac{-1}{3}xy$

(b) $\sqrt{5}x^4$ by $5x^2$

(e) $-56mnp^2$ by $7mn$

(h) $-36a^3b^4$ by $8ab^3$

(c) $24x^3y^2$ by $(-6xy^3)$

(f) $-72x^2yz^2$ by $12xy$

2. Divide :

(a) $4x^3 - 18x^2 + 14x$ by $4x$

(d) $\sqrt{3}y^3 + 2\sqrt{3}y^2$ by $3y$

(g) $y^4 - 3y^3 + \frac{1}{2}y^2$ by $3y$

(b) $-4p^3 + 4p^2 + 2p + 6$ by $2p$

(e) $-7x^3y + 14xy^2 + 6xy$ by $7xy$

(h) $8x^2y^2 - 6x^4y^3 + 10x^2y^3$ by $2x^2y$

(c) $5z^3 - 6z^2 + 8z$ by $2z$

(f) $-5m^3 - 35m^2 + 40m$ by $5m$

3. Divide :

(a) $6x^2 + x - 1$ by $2x - 1$

(c) $71x - 31x^2 - 24x^3 - 21$ by $3 - 8x$

(e) $8x^2 + 4x - 9$ by $2x + 4$

(b) $4p^4 + 7p^2 - 15$ by $p^2 + 3$

(d) $15b^2 + b - 6$ by $3b + 2$

(f) $y^4 + 4y^3 - 2y^2 + 10y - 25$ by $y + 5$

4. Divide :

(a) $6y^5 - y^4 + 4y^3 - 5y^2 - y - 15$ by $2y^2 - y + 3$

(c) $9t^3 + 6t^2 - 4t + 6$ by $t^2 + 3t - 1$

(e) $-26 + 37t - 14t^2 + t^3$ by $13 - 12t + t^2$

(b) $6x^5 + 4x^4 - 3x^3 - 1$ by $1 - x + 3x^2$

(d) $8y^4 + 14y^3 - 2y^2 + 7y - 8$ by $4y^2 + 3y - 2$

SCIENCE 8th

Exercise

A. Multiple Choice Questions (MCQs) :

Tick (✓) the correct option :

- When we speak, we produce sound. This is because our vocal cords are :
 (a) stretched ☐ (b) relaxed ☐ (c) vibrating ☐
- In which of the following materials speed of sound is maximum ?
 (a) iron ☐ (b) fresh water ☐ (c) air ☐
- When we change a feeble sound to a loud sound, we increase its :
 (a) frequency ☐ (b) amplitude ☐ (c) speed ☐
- The velocities of sound waves in four media P, Q, R and S are 18,000 km/h, 900 km/h, 0 km/h and 1200 km/h respectively. Which medium could be a liquid substance ?
 (a) P ☐ (b) R ☐ (c) S ☐
- Which of the following modes is utilised in the production of sound by humans ?
 (a) vibrating membranes ☐ (b) vibrating strings ☐ (c) vibrating plates ☐

B. Fill in the blanks :

- Frequency is measured in _____.
- Time taken by an object to complete one oscillation is called _____.
- The human voice box is called _____.
- Sound cannot travel in _____.
- The shrillness of a sound is determined by the _____ of vibration.

C. Write True or False against each statement :

- Sounds are produced by vibrating objects. ☐
- If the amplitude of vibrations is large, sound is feeble. ☐
- Noise pollution may cause partial hearing impairment. ☐
- The lower the frequency of vibration, the higher is the pitch. ☐
- Sound which is pleasing to the ear is called noise. ☐

D. Match the following :

Column I

- Stringed instrument
- Wind instrument
- Membrane instrument
- Infrasonic sound
- Ultrasonic sound

Column II

- 20 kHz
- 20 Hz
- Ektara
- Trumpet
- Dhapli

