## **General Knowledge for Kids**

# 8 **25** additional features in **new Vande Bharat rakes**

## government under the leadership of Hon'ble Prime Minister Shri Narendra Modi is always thriving for bringing all technological breakthrough in service to the citizens of India. The Ministry of Railways, marching ahead in this direction, has further added more features to the Vande Bharat Express train rakes for providing better journey experience to the passengers.

Keeping the continuous array of introductions of more and more Vande Bharat Express trains, several new such state-of-the-art high speed trains will be introduced shortlv. All these trains will have more and more features as an addition to the passenger comfort with the new rakes.

At this time, 25 improvements have been made in the new Vande Bharat Express rakes which are as follows :

1. Increase in seat reclination angle from 17.31 degree to 19.37 degree

2. Optimization of hardness of cushion (reduction from 290 N to 250N – 25% deformation). 3. Color of seat in ECC changed from Red to pleasant

blue. 4. Improved accessibility of

orld Day of the Deaf,

observed every year

on the last Sunday

in September, is a global cele-

bration that sheds light on the

challenges faced by the deaf

and hard-of-hearing commu-

nity. This year, it will fall on

September 24. This day is ded-

icated to recognizing their lin-

guistic and cultural diversity,

promoting sign language as a

crucial means of communica-

tion, and advocating for their

inclusion and equal opportu-

nities in society. In this article,

we delve into the history, sig-

nificance, and key objectives

of World Day of the Deaf.



mobile charging point under provision for Divyangjan seat s provided.

emergency.

the coaches

World Day of the Deaf

WFD.

population.

cover for easy access in case of

15. Borderless emergency

talk back unit (to interact with

driver in case of emergency) to

match with panel background.

assembly for the fire extinguish-

ers in coaches to have better

visibility in case of emergency

piece construction of FRP pan-

els to improve aesthetics inside

18. Improved air tightness

19. Improved roller blind

for better air-conditioning with

California School of Design and

gained fame as a landscape

painter and prolific colorist

by 1905. The 72nd anniversary

of World Deaf Day in 2023 holds

particular significance for the

World Day of the Deaf serves

as a platform to raise awareness

about the daily challenges faced

by the deaf community. These

challenges encompass limited

access to essential services such

as healthcare, education, and

employment opportunities.

By highlighting these issues,

the day fosters understanding

and empathy among the wider

insulation over panels.

17. Modified panels of single

16. Hinged transparent door

5. Extended foot rest for seats 13. Improved upper trim in ECC (reduced to 530 mm from panel for better aesthetics and firmness of panels in coaches. 14. Improved hammer box

6. Magazine bags for ECC class end seats as well.

7. Increase in wash basin depth to avoid splashing of water in lavatories. 8. Lighting in toilets improved from 1.5 watts to 2.5

the seats.

670 mm).

watts. 9. Toilet handle given additional bend for improved grip. 10 Water tan aerator to better

water flow control. 11 Standardized colors for toilet panels with similar colors

The World Federation of the

Deaf (WFD), a global NGO com-

mitted to advancing the rights

and living standards of the deaf

community, initiated the obser-

vance of World Deaf Day in 1958.

This day has a special con-

nection to Granville Richard

Seymour Redmond, a remark-

able individual who overcame

deafness to excel in the world

of art. Born in Philadelphia in

1871, Redmond's story serves

as an inspirational example of

the potential within the deaf

community. Despite his hear-

ing impairment, he pursued

studies in painting, pantomime,

and drawing at the prestigious

all over. 12. Provision of securing point for wheel chairs of Divyangjan passengers in Driving Trailer coaches where

fabric with more tear strength with less transparency. 20. Hatch doors for electrical maintenance doors in trailer coaches for easy maintenance. 21. Smooth touch controls for luggage rack lights by change

from resistive touch to capacitive touch. 22. Uniform colored driver desk in Driving Trailer Coaches

for better visibility and aesthet-23. Interchange of emergency stop push button in driver control panel for easy operation

and access for loco pilot. 24. Improved aerosol-based fire detection and suppression

system inside the coaches. 25. High Rise pantographs

in areas where the landscape and OHE are in higher position. These new features not only include comfort elements for the passengers but also safety and security features for uninterrupted voyage of the passengers.

be

Shri Kausik Mitra, Chief Public Relations Officer/ Eastern Railway said, "From the past experience and from the feedback received from the passengers. Railways has made huge modifications for smooth journey of the passengers in Patna – Howrah route"

Sign language is a corner-

stone of communication for the

deaf community. World Deaf

Day emphasizes the value of

sign language as a vital means

of expression and interaction. It

recognizing and supporting this

unique form of communication.

of World Day of the Deaf is to

celebrate the linguistic and

cultural diversity within the

deaf community. It acknowl-

edges that deaf individuals, like

anyone else, come from diverse

backgrounds and cultures, con-

tributing to the rich tapestry of

our global society.

One of the core objectives



Riddhima Kapoor new journey as an actor, Sahni, daughter of late Riddhima used social actor Rishi Kapoor and Neetu Kapoor, will soon making her Bollywood debut. In the latest update, she has concluded the shoot of her first film in Shimla.

media to reveal how special this first is to her. Taking to her Instagram stories, the diva penned, "Firsts are always special, Because it's those very 'firsts' that form the As she embarks on a blueprint of learnings we Ever since starting the

will carry for the rest of our lives."

It's a wrap for Riddhima Kapoor's Bollywood

Sharing her experience of being a part of the process of making her debut project, tentatively titled "DKS", Riddhima added, "For 52 days, over 200 people came together to tell this heartwarming, funny, and beautiful film. We plotted, we danced, we laugh-cried and criedlaughed, and I cannot wait for you to join in the celebrations when this film hits your screens. #DKS."

crew, title, and storyline

of the project has been

made official till now.

shoot for her debut drama as an actor, Riddhima has been treating the netizens with fun

glimpses from the set. Confirming her official entry into the B-town, Riddhima said, "Yes, I am filming a movie in the hills." Riddhima chose not to reveal whether Neetu has a role in the film but mentioned that she is present on set and "thoroughly enjoying the process." Previously, Riddhima

was seen doing a cameo in Netflix's show According to the reports, "Fabulous Lives vs she will be seen sharing Bollywood screen space with her where she shared the mother, Neetu, and screen with Maheep comedian Kapil Sharma Kapoor, Seema Sajdeh, in the project. However, Neelam Kothari, and nothing about the cast,

Bhavana Pandey. It remains to be seen if Riddhima's debut film manages to impress the movie buffs.

Wives",

Director Prem Kumar trashes rumours of Vijay Sethupathi, Pradeep Ranganathan turning down sequel to '96

Director C Premkumar has now trashed rumours doing the rounds on social media that actors Pradeep Ranganathan and Vijay Sethupathi had turned down the offer to play the lead in the sequel to his immensely popular

the unaware,

## fake news as usual. '96'-2 can ONLY be made with the original cast of '96. I also clarify that actor Mr Pradeep Ranganathan was approached for a different story altogether. It's got nothing to do with

The director went on to lament that dealing with such unscrupulous rumours being put out on social media by mischief mongers was getting difficult to deal with.

He wrote, "Day-by-day, dealing with these harmful fake news is getting increasingly difficult. I again reach out to the ethical press and media to

15. In which city was the

foundation stone of the

Saragarhi Memorial laid

by Chief Minister Bhagwant

16. Which company won

the 'Safety Innovation

Award 2023' under the

b. The Institution of Engineers

c. Hotel Le Meridien, New Delhi

17. Which municipal corpo-

ration has initiated the Cash

for Waste scheme and estab-

lished the Material Recovery

a. Vijayawada Municipal

18. Which investment firm

deal on September 11, 2023?

'Construction' category?

Singh Mann?

a. Amritsar

b. Ferozpur

c. Ludhiana

d. Chandigarh

a RITES Limited

d. None of the above

(India)

MRF?

Corporation

Corporation

Corporation

a. Goldman Sachs

d. Morgan Stanley

b. GQG Partners

c. J.P. Morgan



establish the truth. Director C Prem Kumar's romantic drama '96, which hit screens in 2018, went on to emerge a phenomenal success, winning huge admiration across the country for its soul-touching romantic story of a man, who con-

tinues to remain sincere to the love of his life, long after their paths separate. Many consider the film to be a timeless classic and the performances of Vijay Sethupathi and Trisha as Ram and Jaanu in it are deemed to be nothing less than brilliant.

**Question & Answer Series** 

## Games and sports

i. Who was the first Indian Woman to get an Olympic medal? 1) P.T. Usha 2) Sania Mirza 3) Aarti Saha 4) Karnam Malleswari

1. When is Engineers' Day celebrated in India? a. January 1st b. September 15th c. December 31st d. September 14th

# Miscellaneous

The International Hockey Federation (FIH) has withdrawn the hosting rights for the Olympic qualifiers from which country due to security concerns? a. Pakistan b. India c. Australia

d. Netherlands

# Geography

i. Which is not the correct match? 1) Black soil - Maharashtra 2) Laterate soil - Tamil Nadu 3) Peaty soil - Gujarat 4) Alluvial soil - Uttar Pradesh

## love story, '96. For underscores the importance of

Premkumar's Tamil film '96, featuring Vijay Sethupathi and Trisha in the lead, is considered not just a blockbuster but a cult classic.

Taking to his Instagram page to trash the fake news, the director posted a screen shot of the fake news and wrote, "This is a

'96-2."

ii. Who won the Women Singles title in the US Open Tennis Tournament 2018? 1) Anastasija Sevastova 2) Serena Williams 3) Naomi Osaka 4) Elena Vesnina

iii. The famous C.K. Naidu Trophy is associated with which sport? 1) Badminton 2)Hockey 3) Lawn Tennis 4) Cricket

iv. Who is the first woman cricketer in the world to score 7000 runs in one day international match? 1) Mithali Raj, India 2) Charlotte Edwards, England 3) Belinda Clark, Australia 4) Karen Rolton, Australia

v. West Indie's captain Kieron Pollard smashed six sixes over of Sri Lanka spinner Akila Dananjaya in the first T20 International (T20I) against Antigua in first week of March 2021. Which Indian cricketer achieved the similar mile stone? 1) Yuvraj Singh 2) Saurabh Sharma 3) Virat Kohali 4) Mahendra Singh Dhoni

vi. Novak Djokovic has defeated ..... 7-5, 6-2, 6-2 to win his ninth Australian **Open championship 2021** and 18th Grand Slam title. 1) Daniil Medvedev 2) Roger Federer 3) Rafael Nadal 4) None of the above

vii. Who became the first Indian male squash player to enter the top 10 in the **PSA world rankings?** 1) Cyrus Poncha 2) Ramit Tandon 3) Sourav Ghosai 4) Mahesh Mangaonkar

viii. Who is first Indian rower to win a gold at the Asian Games in the year 2010? 1) Sawarn Singh 2) Bajrang Lal Takhar



3) Dattu Baban Bhokanal (ISSF) Blue Cross? 4) Dushyant Chauhan 1) Ronjan Sodhi 2) Vijay Kumar ix. Who became the first 3) Gagan Narang player of Indian origin to 4) Abhinav Bindra play in an NBA game? xy. Aishwarya Pissay excels 1) Sim Bhullar 2) Palpreet Singh in which one of the following sports? 3) Amivot Singh 4) Satnam Singh 1) Badminton 2) Boxing x. Who became the first 3) Motorsports female to be appointed to 4) Chess the ICC International Panel of Match Referees in 2019? xvi. Who among the following were selected for the 1) GS Lakshmi Rajiv Gandhi Khel Ratna 2) Diana Edulii 3) Jhulan Goswami Award 2019? 1) Vijay Kumar and Yogeshwar 4) Sudha Shah Dutt xi. Who among the follow-2) Sakshi Malik and Jitu Rai ing cricketers has/ have 3) Virat Kohli and Mirabai also excelled in another Chanu game 4) Bajrang Punia and Deepa . Cotar Ramaswamv Malik II. M.J. Gopalan III. Chuni Goswami xvii. Which of the following traditional games has/ IV. Kapil Deo Correct code is have been included in Khelo **India Youth Games 2021?** 1) Only IV 2) Only I, II and III I. Kalaripayattu 3) Only II, III and IV II. Gatkha III. Thang-Ta 4) I, II, III and IV IV. Maalkhamb xii. Which of the following V. Yogasana 1) Only I, II and III footballers has a world record of highest goal score 2) Only II, III and IV for a single club? 3) Only III, IV and V 1) Lionel Messi (Barcelona FC) 4) I, II, III, IV and V 2) Pele (Santos FC) xviii. Which athlete scored 3) Gerd Muller (Bayern Munich) first position in the London 4) Fernando Peyrotes (Sporting Marathon held on 4th CP) October, 2020? 1) Eliud Kipchoge xiii. ....., the world's high-2) Shura Kitata est polo ground, is located 3) Vincent Kipchumba in Pakistan. 4) Sisay Lemma 2) Attock 1) Kasur 3) Shandur 4) Okara Answer i. 4, ii. 3, iii. 4, iv. 1, v. 1, vi. 1, xiv. Who was the first Indian vii. 3, viii. 2, ix. 1, x. 1, xi. 2, to receive the International xii. 1, xiii. 3, xiv. 4, xv. 3, xvi. Shooting Sport Federation 3, xvii. 4, xviii. 2.

3. What is the name of the landing site of Chandrayaan-3's moon lander, as revealed by Prime Minister Narendra Modi during his visit to the **ISRO** Telemetry, Tracking and Command Network **Mission Control Complex?** a. Chandraprabha Landing Site b. Shiv Shakti Point c. Lunar Harmony Spot d. ISRO Lunar Nexus

4. Which organization has partnered with Nabard for data-driven agricultural innovation in India? a **UNDP** India b. World Bank c. International Monetary Fund d. World Trade Organization 5. Which Indian state is currently grappling with the Nipah virus outbreak? a. Tamil Nadu b. Karnataka c. Kerala d. Andhra 6. Who was appointed as the Chairperson of the **Governing Council for** the Haryana Film and **Entertainment Policy?** a. Satish Kaushik b. Anupam Kher

d. Mita Vashisth 7. In which Indian state was the National e-Vidhan **Application (NeVA) Digital** House project of the legislative assembly inaugurated by President Droupadi Murmu? a. Maharashtra b. Rajasthan c. Gujarat d. Uttar Pradesh

c. Anil Kapoor

8. What type of GPS techd. David Attenborough



nology does the iPhone 15 14. Which organization has series feature? partnered with Amazon's a. ISRO-Certified GPS AWS to enhance AI capabili-Technology ties with cloud technologies? b. GLONASS a. NASA c. Galileo b. ISRO c. European Space Agency d. SpaceX

9. Which Indian spinner reached the milestone of 150 **ODI** wickets in the fewest matches? a. Ravichandran Ashwin b. Ravindra Jadeia c. Kuldeep Yadav d. Yuzvendra Chahal

d. QZSS

10. Which is the largest national park in India? a. Hemis National Park b. Jim Corbett National Park c. Ranthambore National Park d. Kaziranga National Park 11. Who virtually launched India's Ayushman Bhav campaign for Universal Health Coverage, empha-sizing accessibility and

affordability? a. Narendra Modi b. Droupadi Murmu c. Mansukh Mandaviva d. Rajesh Bhushan

12. Who inaugurated "Mission Intensified IndraDhanush" 5.0, a healthcare initiative aimed at providing vaccination against 12 Vaccine-Preventable Diseases (VPD) in Punjab? a. Narendra Modi b. Bhagwant Mann c. Balbir Singh d. Banwarilal Purohit 13. Who was the British scientist known for leading the team that cloned Dolly the sheep in 1996 and passed away on September 10, 2023?

b. Ian Wilmut

c. Francis Crick

Answer a. Richard Branson 1. b, 2. a, 3. b, 4. a, 5. c, 6. d, 7. c, 8. a, 9. c, 10. a, 11. b, 12. c, 13. b, 14 b, 15. b, 16. a, 17. d, 18. b.

ii. Which of the following is the busiest canal in the world? 1) Panama Canal 2) Kiel Canal 3) Rhine Canal 4) Bayland Canal

of -



iii. The Dandakaranya plateau is located in the state 1) Tamil Nadu 2) Telangana 3) Chhattisgarh

4) Madhya Pradesh iv. Which of the following rivers originates in spring at Verinag in the southeastern part of Kashmir? 1) Beas 2) Jhelum

3) Chenab 4) Sutlej v. Guntur is a major city of -1) Tamil Nadu 2) Andhra Pradesh 3) Karnataka 4) Telangana vi. The land of the Midnight Sun is -1) Belgium 2) Russia

3) Italy 4)Norway vii. Which of the following countries are joined by the Palk Strait? 1) Pakistan and China Facility (MRF) named Pink 2) North and South Korea India and Sri Lanka 4) Britain and France

b. Nellore Municipal viii. Myanmar is the new name of c. Tirupati Municipal 1) Thailand 2) Burma d. Patna Municipal Corporation 3) Philippines

4) Vietnam ix. The planet which is faracquired 5 crore shares of **IDFC First Bank in a block** thest from the sun is -1) Uranus 2) Saturn 3) Mercury 4)Neptune

> x. Which one of the following cities is the capital of Japan? 1) Nagasaki 2) Kyoto 3) Beijing 4) Tokyo

## Answer i. 3, ii. 2, iii. 3, iv. 2, v. 2, vi. 4, vii. 3, viii. 2, ix. 4, x. 4, xi. 3, xii. 1, xiii. 2, xiv. 4, xv. 2, xvi. 3, xvii. 2.

xi. The tropical cyclones of

the Bay of Bengal are usually called -1) Hurricanes 2) Typhoons 3) Depression 4) Tornadoes xii. Lakes that contain a high concentration of humic acid in water is -

1) Dystrophic lakes 2) Desert salt lakes 3) Deep ancient lakes 4) Volcanic lakes

xiii. The largest tea-growing country in the world is -1) India 2) China 3) Brazil 4) Sri Lanka

xiv. The largest proven oil reserve in the world lies in -1) Saudi Arabia 2) Iraq 3) Iran 4) Venezuela

xv. Which of the following planets has the most number of moons? 2) Saturn 1) Jupiter 4) Uranus 3) Neptune

xvi. Philadelphia is famous

for -1) Ship building 2) Silk textiles 3) Locomotives

4) Dairy industry

xvii. 40° N latitude acts as the demarcation line between -1) Egypt and Sudan 2) North and South Vietnam 3) USA and Canada 4) North and South Korea