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Immortal exploits shining in history of building of revolutionary armed forces

By Ri Sung Ik PT

It has been 75 years since the founding of the Korean People's Army was proclaimed.

The 75-year history of the KPA is unthinkable apart from the immortal exploits of President Kim Il Sung and Chairman Kim Jong II who made a new history of building the Jucheoriented revolutionary armed forces and led it along the road of brilliant victory.

General Kim Il Sung, who put forward the policy of founding a regular revolutionary army on August 20 1945, five days after Korea was liberated from the Japanese imperialists' military occupation on August 15, solved the problems arising in building the army in an original way and declared the founding of the KPA as a regular revolutionary army on February 8 1948.

The country, which had no experience in and foundation for building a regular army, built the regular revolutionary army in a little over two years despite the difficult conditions under which everything was in short supply soon after liberation. This was a miracle unprecedented in history and a brilliant fruition of Kim Il Sung's original army building idea and theory and his outstanding leadership.

The most prominent achievement he made for the building of the revolutionary armed forces was that he made the KPA truly an army of the people.

The KPA is boundlessly loyal to the ideas and leadership of the Party and regards the Party's



General Kim II Sung standing on the platform of the first military parade of the Korean People's Army in February 1948.

leadership as its lifeblood. Herein peerlessly illustrious commanders. lies the fundamental key to its having consolidated its matchless military strength to firmly safeguard the country, revolution and socialism as a genuine army of the people and resolutely repulse the aggression and provocations of hostile forces.

The 75-year history of the KPA is a course of victory and glory in which it has always emerged victorious under the leadership of the

Under the leadership of Kim Il Sung, the KPA won a great victory in the Fatherland Liberation War in the 1950s that can be claimed to be a showdown between a rifle and an atomic bomb and recorded only victory in its annals decade after decade.

Chairman Kim Jong II, who opened up a new era in the development of the revolutionary armed forces with his outstanding

commanding art and steel-strong courage, developed the KPA into an army strong in idea and faith that can be found nowhere else in the world by remarkably promoting the single-hearted unity of the whole army based on the revolutionary outlook on the leader.

With the firm faith that the independent dignity of the nation, peace and victory of socialism depend on invincible arms, he further strengthened the KPA

politico-ideologically and in military technique, thus firmly defending the socialist country during the Arduous March and forced march and providing a powerful military guarantee for defending the sovereignty of the country and for achieving eternal prosperity of the nation.

Today, the KPA is in its heyday as it is led by the respected Comrade Kim Jong Un.

He put forward the line of modelling the whole army on Kimilsungism-Kimjongilism as the general task in the building of the army, providing a great immortal programme by which the KPA can firmly maintain its original revolutionary features.

He put forward ever-victorious strategies and tactics and the line of developing the revolutionary armed forces into an elite and strong army, kindled in the army the hot wind of such mass movements as the Guards Units Movement and the movement to become crack shots, gave strong impetus to establishing military discipline, and organized and guided actual war-like drills and training competitions, thus making sure that a revolutionary turn was effected in completing combat preparedness of the army.

The KPA is now demonstrating its dignity as a powerful revolutionary army which is superior politically and ideologically and has great military capabilities.

Invincibility will shine as a priceless honour of the KPA as the DPRK upholds Kim Jong Un as the supreme commander of its armed forces.

Space exploration continues

By Jong Hwa Sun PT

It has been seven years since the DPRK launched its first earth observation satellite Kwangmyongsong 4 on February 7 2016.

It was thanks to the wise leadership of the respected Comrade Kim Jong Un that the country succeeded in launching the earth observation satellite four years after the successful launching of its first application satellite Kwangmyongsong 3-2 in 2012.

In mid-January 2016 he repeatedly visited the spaceport despite the winter

give guidance over the preparations for launching the satellite all day long. And he sent his autographic characters Kwangmyongsong to be inscribed on the satellite and showed warm affection to the space scientists and technicians who assembling the satellite.

Later, too, he frequented the place to encourage them while giving guidance over the erecting of the carrier rocket in the biting cold.

Thus the earth observation satellite was successfully launched.

Α solar orbit polar

Kwangmyongsong 4 was launched in the biting cold of winter, a weather condition under which a successful satellite launch is regarded as difficult, without affecting neighbouring countries.

The DPRK made and launched it with local intelligence, technology and effort 100 percent.

Today the Korean scientists work hard to develop space science and technology in order to carry out the tasks advanced by the Eighth Congress of the Workers' Party of Korea.

Space sci-tech workshops, synchronous exhibitions and space scisatellite, tech exchange activities are briskly conducted and academic and social interest in space development is growing.

Last year the presentation of space science and technology-2022 was held on the theme of "Space exploration and enhancement of national prestige". There were heated debates in the presentation on significant issues arising in the development and application of artificial earth satellites, including manufacture and test technology of satellite devices, satellite navigation, composition and attitude control technology, development technology

of satellite camera, satellite communications observation technology and space environment and basic science and technology.

The Sixth Plenary Meeting of the Eighth Central Committee of the WPK, which advanced tasks for this year, pointed out that the National Aerospace Development Administration of the DPRK would launch the first military satellite of the country at the earliest date possible by pushing ahead with the full preparation for a reconnaissance satellite and its vehicle in progress at the final stage.

Through rounds of major tests, important technical indices have been fixed, including the operating characteristics of highresolution cameras, the reliability of the image data transmission system, camera operating technology and data processing and transmission capacity of communications devices in the space environment and the tracking and tuning accuracy of the ground control system, and other tests have also been made successfully according to sections and systems.

The DPRK's exploration continues.

Working people's organizations hold enlarged plenary meetings

the Seventh Plenary Meeting conferencing.

and alternate members of the referred to the ways to Central Committee. Central Committee of the improve the work of the

were officials of the GFTUK manner to give full play Central Committee and those to the spiritual strength of of provincial, city and county the heroic working class, trade union committees.

The meeting discussed contribution to opening up such issues as of thoroughly implementing the decisions development. of the Sixth Plenary Meeting of the Eighth Central Committee of the Workers' Party of Korea.

Committee, made a keynote

in detail the successes. Committee of the Socialist organizations to implement experiences, deviations and Federation of Trade Unions lessons gained and revealed was held on February 1 at the Eighth Congress the Ninth Central Committee of Korea (GFTUK) was held in the trade union work in through videoconferencing. of the WPK and plenary on January 31 through video 2022 for the implementation It was attended by members Congress of the WPK and members of the SWUK the measures to enhance the union in this significant

thereby making a substantial

a new phase of national

The enlarged meeting Party of Korea. adopted a relevant decision

the Seventh Plenary Meeting and reviewed in detail the He analyzed and reviewed of the Seventh Central work of women's union

It was attended by

Present there as observers the struggle of this year. were officials of the SWUK Central Committee and those of provincial, city and county women's union

The meeting discussed extraordinary revolutionary such issues as of thoroughly implementing the decisions Committee of the Workers'

of the Central Committee of the two wheels of the Committee, delivered a An enlarged meeting of of the SWUK, analysed revolutionary chariot.

A relevant decision was adopted at the meeting.

An enlarged meeting of of the Union of Agricultural Workers of Korea was held on February 1.

and alternate members of the UAWK Central Committee.

Present there as observers were officials of the UAWK resolve to notch up tangible committees in Pyongyang the efforts to carry out the successes by fully displaying and local areas.

The meeting discussed enthusiasm and patriotic such issues as of thoroughly devotion in the struggle to implementing the decisions of the Sixth Plenary Meeting bring about a turning point of the Sixth Plenary Meeting the Eighth Plenary Meeting Speeches were made at the of the Eighth Central for a new upsurge in socialist of the Eighth Central of the Tenth Central Committee of the Workers' cherishing the trust of the Party which Party of Korea.

In her keynote speech projects the women as a Yun Chol, vice-chairman held on February 2 through Pak In Chol, chairman based on the study of its Kim Jong Sun, chairwoman powerful force pushing one of the UAWK Central videoconferencing.

report in which he referred to the successes officials and members of the UAWK Women's Union of Korea the important tasks set forth the Sixth Plenary Meeting of to open up a new phase of national development by turning out in implementing decisions of the fourth and of the decisions of the Eighth members and alternate Committee and referred to by way of videoconferencing fifth plenary meetings of the WPK Central Committee It was attended by members and making strenuous efforts, and pointed to the need for the UAWK to fulfil

> Committee of the Socialist Patriotic Youth League was

pathfinder and vanguard in

rural revolution in the new

Young people volunteer for housing construction in Pyongyang

Young people in different construction. parts of the country continue to volunteer with a single mind to repay the trust of the Central Committee of the Workers'

Those in South Phyongan, Kangwon, North Hamgyong volunteers. and Ryanggang provinces

the ranks of volunteers for and members of its youth and

Officials of youth league County organizations at all levels in South Phyongan Province, Province, young workers of including a vice-chairman the Kim Chaek Iron and Steel Songchon County, too, put expressed their resolve to Kim Jong Un. their names on the list of live up to the trust of the

Included in the volunteers practice. and Nampho, Rason and from Kangwon Province Young Kaesong cities have joined are commanding officers Ryanggang

In North Hamgyong Pyongyang Party Central Committee in

Nampho, Rason the capital city housing shock brigade and youths and Kaesong cities, too, of Wonsan City and Ichon volunteered to work at the housing construction site in

construction,

meetings of the Party Central

role of the women's union in

Speeches were made at the

Speakers expressed their

At the meetings of young volunteers held in different of the Phyongsong City Complex signed their names parts of the country, speakers committee of the youth on the list of volunteers and expressed their will to entrusted the Socialist league, volunteered to work youth league officials and perform feats in the housing Patriotic Youth League at the housing construction members of Kyonghung construction, bearing in with the honourable task of site and young people and Orang counties and mind the noble intention building a new street in the in Sunchon City and the Chongjin Steel Works of the respected Marshal

students of provinces, cities and counties gave in bouquets to the volunteers to Province congratulate them.



Young people in South North Hamgyong and Ryanggang provinces and Nampho, Rason and for housing construction in





HOME NEWS

Kim Jong Un sends birthday spread to centenarian in Kumva

The respected Comrade Kim Jong Un sent a birthday spread to Ri Tong Wol, a centenarian living in Kuman-ri, Kumya County of South Hamgyong Province, on her 100th

After receiving to Kim Jong Un for bestowing great favour on the ordinary old woman though he was very busy dealing with all state affairs.

Sci-Tech Complex improving information

True to the decisions of the Sixth Plenary Meeting redouble their efforts to Farm respectively. make progress in improving the country's information

libraries in some provinces. And preparations are well a system for getting in ministries and national

Emulation drive of fruit farming sector in 2022 reviewed

A meeting of reviewing fertility.

the socialist emulation drive of the fruit farming sector in 2022 was held on January 31 through videoconferencing.

the Cabinet and chairman the Agricultural Commission, Ri Tu Song, department director of the Central Committee of the WPK, officials concerned and those of the Agricultural Commission, the Union of Agricultural Workers of Korea and the units participating in the emulation drive.

They watched a video, which was followed by the announcement of the rankings.

And joint name of the WPK

Speeches were made. Speakers noted that with weather conditions last fruit and livestock farming way, including taking thoroughgoing blight extermination measures, while producing plenty of manure to increase soil

It was attended by Ju Chol Gyu, vice-premier of

rotating pennants in the of the Eighth Central Central Committee and Committee of the Workers' the DPRK Cabinet were Party of Korea, officials, conferred on Pukchong scientists and technicians County, the Onchon Fruit of the Sci-Tech Complex Farm and Toksong Apple

They developed a general fruit production target put information service system forward by the Party, they for provincial sci-tech produced high and stable library and applied it to yields despite unfavourable year by establishing a food under way for establishing production cycle combining electronic data for server and managing the nutrition of fruit trees in a scientific

and mobile artillery operation initiated by Commander Kim Il Sung. The 2nd Infantry Division

By Pak Song Min PT

75-year history

People's Army is

the brilliant chronicle of

victories achieved under the

leadership of great leaders.

The KPA performed

military miracles in the

20th century by humbling

the US imperialists in the

Fatherland Liberation War

(June 25 1950-July 27

1953), which was decisive

of the destiny of the country,

under the leadership of

After frustrating the

enemy's armed invasion with

immediate counterattack,

the KPA liberated Seoul on

June 28 1950, three days

after the start of the war,

and completely annihilated

the "Smith commandos"

in a battle in the Osan line,

the first showdown with US

Heroic KPA combatants

achieved brilliant war results as they mercilessly

mowed down the enemies

by applying such original tactics as tunnel warfare,

anti-aircraft team movement

General Kim Il Sung.

the Korean

of the KPA performed great feats in the battle to defend Height 1211 by foiling and crushing the enemy's "summer and autumn offensives" and is still distinguishing itself as a Guards Unit. The sailors of the KPA

sank the heavy cruiser USS Baltimore and destroyed a light cruiser with a in the world history of naval

and 12 000 tons respectively only four artillery pieces for shot down the large-size the ground and in the air and at the demilitarized zone of with only four torpedo boats three days and a 19-year-old reconnaissance plane EC- sea. soldier of the KPA captured 121 in the 1960s. And a US On December 17 1994, Line were reduced to ashes forces, and the firing drills a military achievement is Dean, commander of the attempt to ignite a war was a KPA non-commissioned by the instant self-defensive of long-range artillery substill recorded as a miracle US 24th Infantry Division, foiled at Panmunjom in the officer shot down with

In the postwar period, the 1993 and 2003 when the reconnaissance helicopter hundreds of acts of the KPA to drive provokers Fatherland Liberation War KPA also dealt merciless hostile forces went to which had intruded deep enemy's reckless military into the dead end of ruin by includes facts about the blow to the enemies who extremes in their moves to into the DPRK airspace. On provocation. coast artillerymen on Wolmi acted rashly, being oblivious stifle the DPRK, a bulwark July 16 1997, the enemy's The naval battle on the and head-on confrontation Island who delayed the of the bitter lesson of the of socialism, the KPA pillboxes and artillery West Sea of Korea in June with all-out confrontation

displacement of 17 000 tons and airplanes in Inchon with armed spy ship Pueblo and of military provocation on provocation while firing guns

a single fire the OH- a moment. In the decade between 58A/C observation and resolutely thwarted the US emplacements which were that year and the aerial on the principle of power for

the Military Demarcation

In 1999 alone, it frustrated

jet of the KPA made enemies thunder-struck by approaching 15 metres close to an advanced strategic reconnaissance plane which intruded into the sky over economic waters of the East Sea of Korea in March 2003 demonstrated that the DPRK did not give an empty talk when it declared that it would smash enemies without mercy in case they invaded the DPRK's air, ground and sea even 0.001

Along with the change of generations and advance of the revolution, the KPA has always won victory after

The artillerymen reduced the enemy's Yonphyong Island to a sea of flames after they fired shells to the territorial waters of the DPRK in November 2010.

In the new century of the Juche era, the KPA has responded with heavy blows to the US acts of military provocation against the DPRK with its invincible capabilities which has been increased more daringly and at a faster pace.

In response to the USsouth Korea combined air drill code-named Vigilant Storm in November 2022, the DPRK's armed forces staged intensive drills of units for the operation of tactical nukes, flying corps and long-range artillery subinits on the front.

The military operations of counteraction including a large-scale all-out combat sortie operation of the air force, firing drills of units for the operation of tactical nukes that showed off the actuality, combat efficiency and actual war capabilities of the national nuclear combat units on the front and flying corps clearly demonstrated troops with many warships It captured the US imperialists' over 2 000 acts involved in the acts of war fight in which a fighter power and head-on contest.

'A-match-fora-hundred', eternal slogan of **KPA**

By Kil Chung II PT

In the early 1960s, the La danger of war in the that time.

defence upbuilding at the Fifth hundred combatants.

Scenes of the KPA military parade held in celebration of the 90th anniversary of the Korean People's Revolutionary

KIPA's —year history replete with victories

capability. And the slogan "A-match- Chairman Kim Jong II led new century of Juche era. US imperialists created for-a-hundred" was coined at the KPA to play the pioneer The KPA, which has

region of the Caribbean Sea to On February 6 1963, he national defence and socialist and duty in the struggle challenge Cuba and all other who visited an outpost of Mt construction as he implanted for resolutely smashing the Taedok, where soldiers were the slogan in the hearts of the aggressive moves of the US To cope with such a situation, levelling their guns with the KPA soldiers in the 1990s. imperialists with revolutionary Comrade Kim Il Sung enemy, instructed that all the Today, the KPA led by armed forces and ensuring put forward the line of service personnel of the Korean the respected Comrade the continuous advance of simultaneously promoting People's Army should prepare Kim Jong Un is ushering in its socialist construction in the economic construction and themselves as a-match-for-a- heyday as elite revolutionary face of the anti-socialist moves

Plenary Meeting of the Fourth Soldiers of the outpost the people's well-being while years since the slogan was put Central Committee of the carved the words "Ilttangback" conducting training more forward, will invariably hold Workers' Party of Korea and (a-match-for-a-hundred) on a intensively through such drives up the slogan and achieve only made sure that big efforts were natural rock of the outpost.

made to build up its defence Since then, it has constituted upholding the slogan of the slogan of the KPA.

as the crack shot movement, victory.

role with honours in both remained loyal to its mission armed forces and creators of of the imperialists for 60

New-type mixed gas compressor produced

By Han Jong Ho PT

Complex produced that the machine complex innovation-driven way to suit would be no problem in ideas of workers and over 100 compressors and started to make the new- the actual conditions of the making a large compressor technicians were introduced large ventilators, including type mixed gas compressor, country instead of copying as well," said Jon Chol Ho, and dozens of mobile rice the country's machine- continued for several days. threshers and car dumpers.

was a mixed gas compressor had few machine makers lathe and 3000-ton press way, designers produced with the concept that the

which has been installed and with a good knowledge of through bold designing and original and creative designs combustion model-based on a trial run at the Hungnam the machine.

which can be said to be a the imported one. compressors, leap forward in developing building industry.

It was two years ago mixed gas compressor in an we worked like them there plans reflecting the novel

processing in the postwar of all its parts. It decided to make a days. So I thought that if

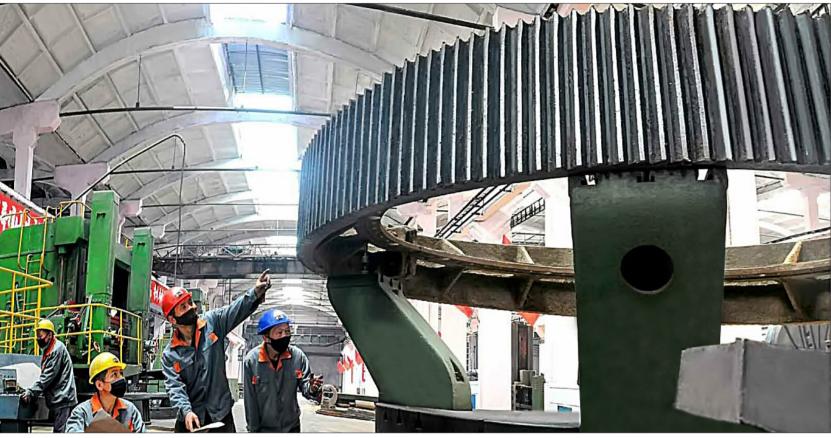
> worker of the complex. With a determination to make the mixed gas long body of the compressor

Many technical innovation

into making the compressor. The complex successfully processed the ten-metre-

casting process was unable to in casting the one weighing

"Our predecessors had compressor in their own way by making rational use of a equipment by dovetailing the At that time, the complex made an eight-metre turning and in an innovation-driven 200mm borer. It also broke moulding, drying and casting



Workers speed up the production of custombuilt equipment at the Ryongsong Machine

Factory develops

Innovations introduced to boost productivity, save labour, materials

By To Kyong Chol PT

Construction Machine Factory has introduced innovation plans into practice to increase the production efficiency and save labour and materials, off jig for steel plate bending Factory.

A typical example is the elevating box production

In the past, fixing steel plates alone required two workers and even welders. devised rational jigs for introduction increased the days. and introduced them into and improved the assembling of vacuum compactors, it into practice. production so that they precision.

in the elevator winch days the assembling work Besides, the factory took Engineering, among others.

Technicians discuss **Construction Machine**



RYU KWANG HYOK / THE PYONGYANG TIMES

could reduce labour to one According to Ri Son, head tread and mortar mixing its own technical forces, it worker while increasing the of the technical development machine. These building now sees to it that dozens of productivity by four times division, they used this tool machines are regarded as workers are enrolled at the and ensuring the product to assemble elevators during highly effective in saving online education faculties the construction of 10 000 labour and materials in the of Kim Chaek University of They also devised and flats in the Hwasong area, work dealing with concrete Technology and Pyongyang introduced a new jig used thus finishing within five mixture.

Technicians of the factory installation beam. The which used to take fifteen up an idea for removing gas from the process of injecting assembling and welding production speed three times. In the meantime, they molten iron into casting bottom frames of boxes reduced the workload by half newly built different kinds moulds and successfully put

motor-driven self-lifting In order to strengthen University of Mechanical

CNC electrodeprocessing facilities By **Ri Sang II** PT

electrode internal and course of electric furnaces,"

to the maximum

melting in electric furnaces. field conditions.

internal screw of graphite electrode and external one he Kusong Machine of nipple so as to prevent Factory the solution of electrode and developed CNC reduce waste in the melting Yong.

The machines are After finding out rational designed to raise the actual methods conducive to extract rate of electrode raising the screw precision more markedly than of electrode, the factory previously by ensuring the concentrated its attention accuracy of electrode screw on improving the scientific level of machines.

"If the screw of electrode Technicians made and and nipple is not so high in completed the hydraulic accuracy, the connecting pump and safety valves part will be destroyed by of hydraulic power units electric arc in line contact, needed for biting materials not surface contact, when and conducted motion great electric current simulation and structural passes, to cause electrode analysis for all designing loss and suspend the objects in keeping with

But the CNC facilities for The CNC facilities are exclusively processing contributing to improving electrode can precisely the quality of electrode at and efficiently process the the electrode factory.

Footwear producer remodels TL production processes into labour-saving ones



By Yun Kyong Il PT

he Ryuwon Footwear widely known for production place and size of producing diverse kinds efforts into remodelling equipment and production

The factory made a printer and materials and raising exhibition-2022 for its great to treble productivity.

production processes.

to the lining to show the Technicians of the factory

conceived the structural elements of the printer and solved technical problems. "The printer, which was introduced into the

printing workshop and

the modernization level of economic effectiveness," said Ryong Chong Hae, a The table is a tag attached staffer in charge of technical

introduce an

vehicle in the

he Rvuwor

automatic

guided

Besides, the factory automated automatic hydraulic cutting machine of the shoes cutting process to ensure the automatic operation of the cutting machine without a cutter, once a necessary and cutting processes of has proved effective, was developed and introduced shoe size table, thereby highly appreciated in the an automatic guided vehicle economizing on labour autumn national footwear in the shoemaking process

Development of new products promoted

Pyongyang Leather Shoes Factory turns out over 100 new products.

By Kim Il Jin PT

Leather Factory efforts to develop new products.

over 100 kinds of new improving tastes and products including leather children and slippers so far women's short leather boots characteristics of force since last year," said Ri Un for winter developed by the inflicted on feet according Ju, chief of the technical factory draw the attention of to age, sex and use. preparation office.

The development of new products has been turned into an undertaking of the whole factory and it has arranged new products shows in various forms and ways. The new products presented at the shows have gone through strict technical examinations and public evaluation followed by the announcement of their rankings. This has raised the employees' interest in the development of nev products.

Designers of the design office presented dozens of kinds of leather shoes for children and those for users.

men and women made on New-type leather shoes the basis of the scientific for men from the factory calculation of types of outer are popular with both rim of shoes and quality the development of leather shoes that meet the modern aesthetic tastes and people's highly serviceable and

uppers and convenient for

as they were made in



Technicians pool ideas to develop new products at the Pyongyang Leather Shoes Factory.

Natural functional products prove effective in increasing crop yields

By Chae Hyang Ok PT

he Jinsim natural functional products factory occupies vitamins, a small area in Rangnang w h i c h District, Pyongyang.

However, it turns out highly sufficient effective natural plant activator conditions "Jinsim" which protects the for ecological environment and helps growth of all name across the country.

The factory's experimental plot is seeds still covered with construction waste grain crops like broken blocks and bricks since such as corn it used to be a waste dump.

However, according to manager treated with Kim Chun Gol, the introduction of the activator, "Jinsim" into corn farming in such the germination rate is ensured at becomes too hard when it dries," a barren land resulted in a yield of around 98 percent. weighing 280 grams.

plant activator is enough to times more root hairs deeper into could overfulfil the grain production growth of crops in one hectare," less vulnerable to drought, high yielding farm."

make the plant activator.

amino acids fatty acid and provide

and rice are

with over two ears on one stalk, each part in all plants," said Kim. "The County, Pyongyang. "However, activator makes the plants grow since we introduced the highly "Just 250 grams of this natural faster and strike two or three effective natural plant activator, we provide proper conditions for the the ground so that they become goals and our farm became a high-

Therefore, it contains over 80 known to be unsuited for farming plants' resistance to drought, low kinds of nutritive elements including as it becomes boggy after rain and temperature and rainstorm.



Highly effective natural plant activator "Jinsim".

said Kang Yong Phil, manager of 7 kilograms in 25 plants per phyong "Roots are the most fundamental the Janggyo Farm in Kangnam

temperature and rainstorm. It also Several years of trials in many The factory processes a locally keeps down weeds, which helps farms across the country confirmed abundant natural biogenetic rock to reduce much labour in weeding." that the activator raises the yields "Kangnam County's soil is at least 1.5 times as it improves

New footwear material developed

By Jong Hwa Sun PT

bureau is making successes in the scientific research for the elasticity like a thermoplastic domestic production of raw and elastomer and has much higher other materials

institute has recently developed a and lower deformation ratio. technology for producing a cold-

Vinyl chloride has long seasons. been used in the production of "Our new shoe sole production

resistant to cold.

also winner of the February 16 institute. resin sole and establish the year.

production method using the material, thus developing the he footwear research cold-resistant vinyl chloride institute of the footwear plastic elastomer while using no imported materials.

This elastomer has rubber-type elasticity and resistance to slip The research group of the than common vinyl chloride resin

The research team completed resistant thermoplastic elastomer the research into the production sole with vinyl chloride to method of shoe sole suitable introduce it into production. This for winter conditions by using has offered a prospect of mass- the new elastomer and fixed the producing good quality shoes for technical numerical values of winter with domestic materials. all kinds of soles according to

footwear like boots and shoes for method that does not rely on such previously used materials But although vinyl chloride as crude and synthetic rubbers resin has high intensity and is and vulcanizing agent has high easy to process, it is unsuitable economic effectiveness as it for the production of footwear helps lower the norms for the for winter, shoe soles more consumption of materials per specifically, as it is not so unit, reduce production processes and manpower and lengthen Kim Yong Ryong, section the lifespan of footwear," said chief of the institute who is Paek Yong Bin, director of the

Science and Technology Prize, The new sole production and other researchers conducted technology relying on domestic a research project to select a raw materials was rated highly new material addressing the at the autumn national footwear shortcomings of vinyl chloride exhibition-2022 held late last

Reconstructed Taean Milch Cow Farm



JON KWANG HUN / THE PYONGYANG TIMES

The Taean Milch Cow Farm is equipped with such facilities as several milch cow blocks, an epizootic prevention room and milk-processing room.

By Jong Hwa Sun PT

milch cow production bases room, milk-processing room measures for the supply of cows and calves. throughout the country true and others. Workers' Party of Korea, officials of the farm, the processing building, feed-barley sprouts to solve the barley sprouts all the year the Taean Milch Cow Farm farm is associated with processing ground, etc. were feed problem of milch cows. round since it established has been reconstructed and the guidance of President built splendidly and facilities modernized in Nampho Kim Il Sung, who appointed needed for milk processing cultivation ground of barley regulating system favourable the wet spray-drying milk

various milch cow blocks cow farm. where ventilation and

Family benefiting from rabbit

Setting a goal to reconstruct room. mid brisk activities veterinary and anti-epizootic the farm last year, Nampho manpower and materials.

Cowsheds, a milk-Located in a place good strains of milch cows made and installed, thus plunging his body among sprouts. covering hundreds of and visited its construction making it possible to control the field in midsummer.

to expand capacities requirements are fully met, City pushed ahead with and managed by groups of cow and goat as it contains and build more an epizootic prevention the project while taking mother and reserve milch more crude protein than The farm does the

hectares of grassland, the site on different occasions to the temperature, humidity According to chief the fattening rate and kindergarten children in the farm is equipped with build it into a model milch and feed supply for cowsheds engineer Pak Kwang II, the reproductivity of cows and city every day.

through a general control barley sprouts are an ideal feed for such grass-eating The animals are bred domestic animals as milch

The cultivation ground hydroponic cultivation of can produce nutritious cows. When one enters the the heating system and lightthe site for the farm, sent and formula production sprouts, he will feel like for the growth of barley powder production facility,

barley and maize.

Keepers say that

fermented feed to increase the digestibility of milch

which is equipped with such her house.

By To Kyong Chol PT

breeding

here is a family, called

breeding rabbits.

rabbits for over 10 years.

with only grass. That is why nutritious and soft grasses. feed. the cost of rearing rabbits is It rationally set the amount They improve very low," she said.

village of Sosin-dong has a scientific way. rich source of grass as there In particular, big efforts excellent are a farm and a small river are channelled into ensuring breeds with in its surroundings.

epizootic work, she said, season and winter. adding that her family In the period when the bigger and more sterilizes rabbit coops with season changes and in the productive than fire and paints them with rainy season, they dry up others, and lime powder on a constant acacia leaves and other therefore are in basis and disinfects the grasses to some extent great demand

vaccinated lest those with

"Rabbits can be raised by securing a great deal of to use them as According to her, the and breeds rabbits in a of rabbits by

the supply of feed in the native breeds. What is important in period when the season That is why rabbit rearing is anti- changes and in the rainy the family's

by sunlight once a day. She wormwood to feed rabbits said that young rabbits are in order to prevent diseases. interesting and profitable.

L raising house, in impaired immunity should dried grasses, corn straw, life as we make various neighbourhood unit No. 4 have diseases and locally bean straw and others, soak dishes with the meat and we of Sosin-dong, Ryokpho available medicinal herbs them in salt water for a few become better off as it gives are mixed with feed, thereby hours and feed them by us extra income," said Ri The family raises remarkably decreasing the adding to a certain amount of Song Hui. hundreds of young rabbits rate of death from various processed grain

Her husband Jon Myong Besides, Housewife Ri Song Hui Hwa said that particular the family has gained a wealth of attention should be paid to preserves byexperience as she raised ensuring the supply of feed. products of The family feeds rabbits vegetable in salt

of feed, frequency and time the variety

footboard of rabbit houses and then mix them with among breeders.

interbreeding leverets are

In winter, they chop fine We improve our dietary



RYU KWANG HYOK / THE PYONGYANG TIMES Many rabbits are raised by the family of Jon Myong Hwa in neighbourhood unit No. 4 of Sosindong, Ryokpho District, Pyongyang.

Insect a solution to protein feed problem

By Jong Chol PT

In recent years, many Lathe DPRK have profited as a protein feed.

The Kwaksan chicken station as its feed. breeding station is one of

produce more livestock protein feed. large investment.

the introduction of several ventilation. new technical innovation As a result, the station plans to enhance the produced much more Hermetia digestibility and absorptivity illucens by effectively using of feed. But the supply of empty spaces in the production protein feed still remained buildings without enlarging an important problem," said the breeding ground and made

The station began to feed problem. pay attention to *Hermetia* The feeding of the insect illucens while groping for a to chickens increased the

solution to the problem. production of eggs and The insect costs low and accelerated their fattening is relatively short in the rate, the manager said.

production period, but high in breeding coefficient and protein content. These points livestock farming units in attracted the attention of its officials. In addition, they by using Hermetia illucens could use chicken excrement readily available in the

The station set up a Hermetia illucens breeding It built a breeding ground ground without delay.

of Hermetia illucens by And it made effective use making effective use of of the production buildings its existing conditions to to ensure enough supply of

products than before without Because it was favourable for it to raise the insect in them "In the past, we reduced as they are provided with the consumption of feed in conditions for controlling various methods including indoor temperature and

Manager Kim Yong Dok. progress in solving the protein

'Mother' of disabled Service workers called soldier guides him through college

By Kwon Hyo Song PT

now deeply moved demob. a woman who helped an honoured disabled soldier I deeply admired the couple him all sincerity until his themselves," said Han. graduation from a college in They had a long talk that

day and Han learned the Han Ok Hui living in details on how Ri had been Sinson-dong in Sinuiju wounded as well as the made his acquaintance on name of his disease, and the Day of the Shining Star even his hobby and taste. On her way home, Han (February 16) six years ago.

morning, she Song, the special-class honoured disabled soldier in been a medical worker. a wheelchair with a bouquet in front of Sinuiju Railway of President Kim Il Sung mother even though she did and Chairman Kim Jong Il

themselves to each other, Ris to deepen affectionate Han learned that the man had feelings with them as she

tonics for his treatment. "Before parting, Han said she would visit us later and it was not a casual remark. She called on us a few days later," recalled Hwang.

she closely watched a massage. photograph and several certificates hanging on the pain in her hands and her and also accompanied him to

of the Second National methods. Conference of Exemplary

Kim Jong Un in a photo invited competent doctors he became a man returning session with the participants to apply efficient treatment the favour shown by the Young People of Virtue, "Devotion brings a flower studied hard and graduated including Hwang Un Jong into bloom even on a with honours before leaving during her university days. rock." Five months after the college receiving And the certificates were the start of the treatment, congratulations from the those awarded to Ri Myong Ri came to feel pain at the teaching staff and students.

in assisting the Korean out a loud scream to their any people are People's Army after his surprise and threw himself "Although they are as young as my children in age, of gratitude.

Song for being active soles of his feet. He let

walk again and showed caring for the country before gave birth to a sweet baby that Ri became able to walk

Much encouraged by her they introduced mother, Han frequented the originally argued that Ri the college course as he was been wounded unexpectedly gave them an acoustic a paraplegic, but they were while on military duty and instrument of her family lest so moved by Han's sincerity that they were residing near he should feel lonely and they helped him take an entrance exam successfully.

In that course, Han made

On her first visit, morning to give him a supplies. In the beginning, she felt

not practise medicine.

into her arms, calling her A year later, the couple girl, and some years after

Mothers nurture infinite wishes for the good of their

day, Han saw Ri standing wondered if she could help transfixed by the sight of happened to see Ri Myong the excellent young man to college students having a his feet and wished she had heated discussion. So she Upon hearing Han's and Sinuiju Disabled in his hands, at the plaza anguish, her mother Pak Soldiers College of Ryong Sun told her that she Economics to follow all could look after him like his necessary procedures for the application for his

> Officials of the college would be unable to complete

When he was given the up her mind to help him rise notice of admission, Han was pleased more than anyone else and brought him at a fixed time every him a computer and school

She took him to the college every morning, rain or shine, whole body was soaking his home after lectures. She The picture showed wet with sweat, but she did would say she would have the respected Comrade not cease even a day. She nothing left to wish for when state. Feeling very grateful As the saying goes, for her sincere devotion, Ri



Han Ok Hui(first from right) shows motherly affections to the honoured disabled

daughters, granddaughters



Employees of the Songbuk Greengrocery in Moranbong District, Pyongyang, visit a war veteran's flat and give him a pep talk.

Greengrocery care of health and life of war epidemic prevention effort everyone cannot forget for veterans in Songbuk-dong.

the work to better the system in May last year, times. service for residents and they kept taking care of the spruce up the environment war veterans, though they of the greengrocery, Myong were busy with supplying Kwang Gum, chief of the vegetables to thousands of shop, and employees of the families in the dong. shop often visited the houses of a dozen war veterans quantity of early strawberries living there to learn about on their way to receive their living conditions since vegetables and distributed two years ago.

They visited the war Han Tong Su, a 90-year-

veterans with foodstuffs old war veteran living in and daily necessities on Songbuk-dong, said that aleswomen of the national holidays and other he wanted to give even a Songbuk Greengrocery anniversaries, and paid little help to the service under the Moranbong special attention to their workers who looked like health and life.

was switched to the top life those who took care Busy as they were with emergency anti-epidemic of them devotedly at hard

They purchased a large them to war veterans.

Even when the state granddaughters, noting

The saleswomen became intimate with war veterans with the passage of time.

"Whenever I see war veterans, who are eager to give us even a little help while appreciating our work, I feel kindred affection. We hope that they will live long in good health," said Myong

Girls of virtue

By Han Kwi Hun PT

regard others' Cha Myong Hui resigning anxiety over lost in Anhak-dong of Taesong District. Pyongyang.

of the queue and asked and Anhak, if she had just Myong Hui.

a bright smile on her face and before her. over to her.

ask if she had just dropped were lost.

it over to her.

Wondering what to do, his home address. she looked at it again and found that it belonged to to their homes from the theatre.

their houses. An idea struck her that Just as a bus arrived at a the owner might take a bus combed their village and stop, a girl ran to the head running between Mt Taesong beyond to find them, but in each woman if she was Cha dropped it. That's why she "It was getting dark and we

Gyong, an employee of the at that time.

way back home belatedly, a
It was obvious that the same neighbourhood unit.

the four-year-old boy knew her and then blushed.

It was quite a long distance Without hesitation, Pak got on a bus to bring them to

Meanwhile, their parents

came to the bus stop, in hope were terribly worried as we But none of them were the of giving it back to the owner thought our little boys would one she was looking for. before the bus would leave. be unable to return home Just then, a woman When Cha thanked her, the by themselves. As we just approached her to introduce girl named Kim Mi Gyong arrived near our houses, we herself as Cha Myong Hui working at a shop of the noticed our children coming and asked the reason why she Central Botanical Garden towards us guided by a girl." passed the praise on the recalled the three-year-old's Only then did the girl wear man who had found the card mother Han Yong Sim, expressing confusion and handed a citizenship card Shortly ago, Pak Yong delight she had experienced

Cha was very surprised to Unha Daesong Foodstuff In fact, the three-yearreceive her own card and the Factory, happened to see two old boy had gone out of his giver told her the whole story. little boys crying in the dark apartment house at about 6 When she was quickening as she passed by the East pm and vanished together her pace as she was on her Pyongyang Grand Theatre. with the boy living in the

young man addressed her to three- and four-year-olds To the children's parents her citizenship card, handing She took out some snacks gratitude, Yong Gyong said to soothe them before asking with modesty that anyone But she found that it wasn't their addresses. Fortunately, would have done so just like

CULTURE

New popular cartoons created

By Pang Un Ju PT

he Korea April 26 Animation Studio has recently produced many new cartoons including parts 70-72 of The Clever Raccoon Dog.

The animation enables viewers to acquire broad knowledge through the interesting, witty edifying stories about the three close friends—the raccoon dog, bear and cat.

"The Clever Raccoon Dog, which started to be created and released in 1987, is recognized as a popular work that develops intellectual faculties of children and gives them lessons of life for over 30 years," said director Im Jong Son.

Last year the studio successfully completed the aforesaid parts of the cartoon thanks to the high zeal of its

correspondent Ri Kyong of buoyancy created by air in promoting children's and Studio newly created parts Im said, "The Clever pressure difference to wind student's understanding of 1 and 2 of cartoon Prince Raccoon Dog is the cartoon waterproof cloth on the traffic regulations. childhood. I was greatly and Part 72 Plastic Magnet pleased that my scenario teaches the principle that based on the principle that the friction of plastic goods Jumong which is popular is more interesting and the electron ions in fruit can cause static electricity so with viewers and completed characters, buildings and substitute for batteries was that they can be used as parts 1 and 2 of cartoon everything else of hundreds selected to make Part 70 magnets. The films enable *Prince Hodong and Princess* of years ago it shows were Orange Necklace and that schoolchildren to know how of Rangnang with a plan to so vivid that I almost took the part was televised."

tells a story that the hero



AN YONG CHOL / THE PYONGYANG TIMES

Artists of the Korea April 26 Animation Studio are involved in the making of a new seguel to The Clever Raccoon Dog.

literary crash by using the principle Well which is of significance Korea April 26 Animation propeller of the helicopter

raccoon dog makes the Part 24 On the Day of televised in 1990.

helicopter of wolves intent Horse Race of serial cartoon

produced parts 41 and 42 of it. I saw the first showing of historical cartoon film Ko it at the cinema. Its storyline physical phenomena are used make it as a multi-part work them for the real. I am as a single-part cartoon of the looking forward to the next The studio also produced same title was created and parts," said Choe Song U, a

"When I came to know on hijacking canned fish to Observe Traffic Regulations through a TV report that the Hodong and Princess of Meanwhile, the studio *Rangnang*. I was eager to see

To retain true taste of Pyongyang cold noodles

By Sin Pyol PT

Tens of millions of conditions. people have relished the Pyongyang cold noodles provided with the main at the restaurant since its material, they preliminarily

"The Pyongyang cold noodles, is as good as a of such conditions as the harmonious combination the cookroom, they strictly of all elements like the noodle strips, the taste and colour of meat stock, the fixing the thickness and aroma and savoury taste of seasonings, shape and putting the dish in bowls. positioning of garnishes and the utensils. If even one of them loses its own peculiarity, it is impossible to retain the real taste of the Pyongyang cold noodles," said department head Om

studied a great deal of data, the Shining Star, and won repeatedly had consultative over 170 diplomas and meetings with historians, hundreds of medals.

folklorists and culinary experts to find out the he name of the Okryu traditional recipe for the Restaurant which has Pyongyang cold noodles become so familiar to and develop it to suit the the Korean people with the feelings and likings of past over 60 years reminds the Korean people, and everyone of the Pyongyang conducted tens of thousands cold noodles first as the of experiments to obtain dish is the most symbolic the ideal mixing ratio of national food that represents materials and numerical

Whenever they are knead it to evaluate whether it can be used or noodles, symbol of Korean not. And in consideration work of art. It requires a temperature and humidity of observe the requirements thickness and toughness of of the recipe from kneading the dough to pressing it, boiling noodle strips and

In the past, the Okryu Restaurant took part in different cooking festivals, culinary skill contests and exhibitions like the cooking festival in celebration of the Day of the Sun and the culinary skill contest in According to him, cooks celebration of the Day of

> The family of Rim Myong Chol is wellmany ornamental



PAK KWANG HUN / THE PYONGYANG TIMES

By Hwang Jong Ryol PT

neighbourhood unit including red carassins attached to his family since knowledge and rich Son Ae greatly helped him raise the fishes in detail.

No. 49 in Janggyong- auratus, angelfish, he began to raise fishes, experience, confidently says become a "man of wide "Only those who has dong No. 1 of Sosong District, Mollienisia sphenops, zebra he said, adding that it is necessary to know knowledge", he said. Then, ever raised fishes can find Pyongyang, is well-known fish and guppy, swim about refreshing and pleasant to see well about the quality of she said with a smile that pleasure in seeing fishes for raising many ornamental in the fish basins.

Myong Chol, driver at their golden scales glistening He said he began to raise data on such fishes and often but now they have big fish fishes," said Rim. the Ministry of External playing about in a big fish fishes over ten years ago. goes to see "patients" at other bowls and they are called The couple's dream Economic Relations.

of an aquarium.

It is the family of Rim ornamental gold carps with from a day's work. bowl in the anteroom.

Two of three living rooms pleasant time seeing fishes and got the knack of it through with a relevant taste.

see an aquarium. Different joy of life and he has become a master at raising fish.

angelfish, he began to raise fishes, experience, confidently says become a "man of wide" "Only those who have fishes swimming serenely water and feed in order to they had only a small fish grow and making friends and Spectacular are a couple of and it relieves him of fatigue raise ornamental fishes. He bowl with two goldfishes promoting friendship with always collects the world during their newly-wed life each other, talking about In his spare time, Rim families raising such fishes. "goldfish family".

His house reminds visitors It is part of his family's studied the scientific method According to him, raising They usually have a lot experiences in and knack daily routine to spend a of breeding ornamental fishes fishes requires ardour along of fries every ten days and of raising ornamental fishes

are filled with big and small swimming in bowls back visits to the Grand People's He unusually liked to raise to not only their villagers and world-famous ornamental fish bowls. So, visitors to his home from work, Rim said. Study House and Sci-Tech fishes from his childhood. friends but even those who fishes.

house say they feel as if they Everyone has their own Complex. Finally, he became So he married a breeder visit their home for the first working at the Taedonggang time after hearing about the family living in kinds of ornamental fishes, rich in emotion and more Rim, with profound Fish Farm. His wife Yun family, and tell them how to

is to write a book on the unstintingly distribute them and breed and spread many

Priority given to development of medical science and technology

Research



he Workers' Party made to research and of Korea gives top develop highly effective and strengthening public

It is necessary to hold medical science and

In recent years we introduce have made a series of medical achievements in the sector technology.

world health crisis, Research projects have big efforts are directed into scientifically and been undertaken in earnest domestically produce technologically supporting raw materials for officinal the consolidation of antimedicines and notable epidemic foundations for success has also been safely controlling and achieved in developing managing the country's new Koryo medicines anti-epidemic situation even needed for the treatment of in the face of outbreak and communicable diseases. spread of any infectious

has been diseases. intensified into diseases of Medical workers are high morbidity and mortality working hard to present sciand dynamic efforts been tech findings contributing

priority to improving medicines and medical affair depends on the appliances which suit the determination and efforts constitution of the Korean of those in charge.

We are pressing ahead scientists and all others technology as the dynamic with projects to open up in the public health sector in consolidating material new medical sci-tech fields exert themselves with and technical foundations urgently required in the extraordinary enthusiasm, of the public health sector practice of health service, the country's medical and improving medical put Koryo medicine on science and technology a scientific basis and will make rapid progress.

> Ri Kyong Sim, department director of the Ministry of Public Health

With selfless devotion

should lose appetite.

Old woman restores

eyesight

encourage her.

By Ryom Un Gyong PT

Public health service in the DPRK operation. medical service, but the work to make people substantially benefit from carefully observed her healthcare system.

For this reason deep devotion to patients is regarded as the most important quality of health

Best medicine

It was early in January when Jong Un living in Mangyongdae hospitalized at the Oncology Institute of the Academy of Medical Science.

Entering a ward, Jong found herself mentally enfeebled due to the diagnosis she received for her disease.

Medical workers in charge cared for her with warm affection, soothing in November last year.

A few days later, an

The medical workers had worried that she might devotedly for her after the

Guided by kind medical workers there, the couple Pak Chung Hyok, passed through the reception doctor in charge, and counter and the eye lab into other doctors and nurses the ward.

Just before undergoing an health conditions to prevent operation the following day, postoperative sequelae as she looked very nervous they brought her fresh fruits with worry. Reading and tasty foods lest she her mind, Kim Hyok, department head, told her: "Grandmother, you will Though they were busy, officials of the institute restore your sight without fail. Take it easy.'

called on her to get familiar with her conditions and operation the medical "The kindred affection workers looked after her the medical workers here with kindred affection showed me was the best lest she should have any medicine that restored my inconvenience during her health," said Un Sil on the hospitalization.

day of leaving the institute. On the day of undoing the bandage, the first sight she saw was the medical workers who had shown her An old couple living in warm affection.

Kaechon City visited the And on the day of leaving ophthalmic department of the hospital after her the Tokchon City Hospital recovery, the old couple Before arriving at the her eyesight thanks to the hospital the woman who deep devotion of medical 8-hour-long operation was lost her eyesight due to workers and the benevolent decrepitude and her husband health system.

New early diagnosis, treatment methods based on advanced technologies established



A doctor diagnoses

a patient with early

treatment methods

based on advanced

technologies at the

Pyongyang Maternity

diagnostic and

JANG KYONG NAM / THE PYONGYANG TIMES

By Pang Un Ju PT

ecently, Maternity Hospital has stable neonatal birth rate."

It established a diagnostic According to Pae, the imported and conducted the by means of rational method of great practical method is recognized as relevant research for several anticancer drug therapy. significance in the clinical a scientific and practical years. obstetrical field and one but making a special Through uninterrupted method has helped improve introduced it into clinical nutrient solution for speculation and dozens the health of many women

Pyongyang important in raising the said.

based one.

culturing chromosomes is of rounds of experiments who were diagnosed as

To solve the problem, Kim the disease by injecting raised their medical service Various diagnostic Hwan Song, PhD, and other medicines to minimize the level by establishing early methods are used to solve researchers of the genetics size of the focus before diagnostic and treatment the problem and among laboratory set a target of removing it through methods based on advanced them is the chromosome- domestically producing the operation and of preventing solution which had been the disease from returning

Department head Pae Jang a prerequisite for using the and analyses, they selected having the disease.

they completed a method of diagnosing congenital deformation chromosomes with high The hospital also achieved success in the treatment of

a starting material from which such solution can

be extracted. They then

intensified research and succeeded in making the solution whose different

technical indices are on an

Based on the success,

advanced level.

an obstinate disease which high in fatality rate. In the process of studying

and analysing latest documentary records, Yun said, "To diagnose method. So many countries section chief Ri Chang a congenitally deformed are competitively conducting Ryong got a clue about a the unborn child and take research to make such new method of treating the research group of necessary measures is solution by themselves, he disease and thus established the method of treating

The introduction of the

Hospitals start outreach programs from beginning of New Year

By Yun Ki Song PT

run field clinics since the them. beginning of the New Year. Pyongyang Thermal Power Goods Factory. Station and Pyongyang A medical team formed

kinds they prepared.

workers of the Pyongyang treatment plan for them.

Sciences Hospital who went there bringing a large edical workers quantity of medicines of central-level including rowanberry hospitals have cough medicine with

Other medical workers The outreach medical from the hospital are also team of the Kim Man offering the same services Yu Hospital formed with at other units including competent doctors offers the Rangnang Disabled medical services at the East Soldiers' Essential Plastic

Kim Jong Suk Textile Mill with able medical workers with thousands of items of the Ryugyong General of medicines in dozens of Ophthalmic Hospital has offered similar services "It is the unanimous at the Ryuwon Footwear will of doctors and nurses Factory, Pyongyang to give encouragement to Thermal Power Station, workers with sincerity and Pyongyang Changgwang devotion," said Pak Myong Garment Factory and other Chol, department chief of units from the beginning the Kim Man Yu Hospital. of the New Year on the On New Year's Day, basis of their on-the-spot

Thermal Power Station Such outreach medical also received on-the-spot teams' activities deeply services from medical impress employees of workers of Pyongyang industrial establishments in University of Medical the capital city.

West's confrontational

Russian President Vladimir

Putin denounced the frantic

confrontational moves of

the West to obliterate the

country's culture at the meeting

with the students of Moscow

Lomonosov State University on

Referring to the fact that the

Western countries are thinking

of obliterating even the works

of Tchaikovsky, he stressed that

Russia would not "exclude"

He hoped that university

students would bring great

benefits to the whole society

of Russia, the whole state, he

Iran's supreme leader

Ali Khamenei

criticized the

Leader decries West's

January 25.

world classics.

COMMENT

Japan's crime of ruling Lorea by residency general

By Choe Yong Nam PT

Japan rigged up the Japanese the imperial palace and Japanese masse from Korea. They cooked a large prison. Lresidency general in Korea and police took charge of "guard" up the "Korea-Japan fisheries Hirobumi Ito ordered Japanese forces in it and mercilessly cracked enforced the colonial rule over its of the imperial palace and the agreement" in November 1908 army officers to treat Korean anti-down on any slight anti-Japanese whole territory, flagrantly violating emperor. And they prevented the to pillage its marine resources. In Japanese righteous volunteers sentiment to bring about a total the sovereignty and dignity of Koreans from meeting the emperor December that year, they set up the who stood in the way of rule collapse of the Korean feudal state. Japanese imperialists so, they bound the emperor hand Company of Japan to seize the main culprits in local riots and The

fabricated the Ulsa five-point and foot and placed him under land of Korea and established the mercilessly suppress them. treaty by means of military threat their control. and trickery in November 1905. The treaty was an illegitimately forged document without formal name, the signature of Korean ensure they directly ruled them. Emperor Kojong and impression of the seal of state. Though illegal and the Japanese king, the resident- in August 1906 to force colonial invalid by international law, the general possessed the power to enslavement education and the unconditionally shooting to death crimes it had committed against Japanese imperialists announced suspend and abrogate laws or "ordinance on private school" the "regulations governing the treaties related to the issues of in 1908 to forcibly close down organization of residency general foreign relations in Korea, to detain patriotic and anti-Japanese private and administration council" by the Korean people by issuing the schools. royal decree No. 267 in December order of the residency-general, to that year on the pretext of the order the use of force and others. treaty. On February 1 1906 they officially set up the Japanese concocted the "law on mining residency-general in Korea in mineral resources" in June 1906

residency-general to all fields to development of national capital.

The Japanese imperialists properties in the period. Hansong and appointed Hirobumi on the pretext of "promoting rule by residency-general by force

Ito as the first resident-general.

They saw that a royal decree gold, silver, copper, coal and people were subjected to colonial national rights of Korea, turned was issued to stop "free entry" into other underground resources en slavery and Korea was reduced to Korea into a militarily occupied without their permission. By doing notorious Oriental Development by residency-general as the At the same time they assigned completely hold the financial field Japanese dispatched by the of Korea in its grip and prevent the righteous volunteers' units even and consolidate it.

They destroyed and looted a large amount of Korean cultural

Japan brought huge armed forces into Korea to support the campaigners at random.

public wellbeing" to plunder of arms. As a result, the Korean imperialists stamped out the

"Korean Bank" in October 1909 to Accordingly, they staged cruel general in Korea into a "punitive operations" against the government-general to maintain in the remote mountain villages They also announced the as well as major cities, setting Korean people that cannot heal Directly under the authority of "ordinance on elementary school" on fire the villages in which the forever. But instead of admitting righteous volunteers stayed and its responsibility for the past all people who were connected

At the same time, Japanese imperialists forged the them, it whitewashes them and "memorandum on the trust of turns black into white not content Korean judiciary and prison affairs" in July 1909 and arrested, jailed and

As seen above, the Japanese the sinful past.

area by stationing large aggression

As the colonial fascist ruling system was established, they changed the Japanese residency-

Japan left such deep scars on the the Korean nation as the invader and plunderer and making honest the and sincere soul-searching for with distorting and denying them.

However, it cannot cover up killed anti-Japanese independence history and the day will surely come when it has to pay dearly for

DPRK-Vietnam friendship steadily develops under banner of socialism

By Song Jong Ho PT

of the establishment of the the Democratic People's Republic the ordeals and pains of a war. of Korea and the Socialist Republic of Vietnam.

sharing trials and hardships and providing self-sacrificing assistance and high moral repute. in the course of defending national sovereignty and advancing their common cause of socialism.

forged by the leaders of the two on the battleground for defending international relations as they strive Workers' Party of Korea and the countries decades ago.

President Ho Chi Minh's visit sovereignty and territorial integrity. Kim Il Sung's Vietnam visit in that Comrade Kim Il Sung was a 1958 were landmark events in genuine friend of the Vietnamese dynamically advancing socialism socialism socialism socialism the development of the bilateral people and that nobody else offered they chose under the leadership of relationship and the building of sincere assistance to them like him. the Communist Party of Vietnam. socialism in the two countries.

stability

By Choe Song Jun PT

Somalia.

different terror incidents

are on the increase in many

At the dawn of January 4, two

simultaneous bomb attacks claimed

of the time in the country.

By Kim Jin Hyang PT

damage by drought last year.

drought in 500 years.

groundwater discharge.

their anti-US resistance for national generations. salvation and socialist construction.

The visit was the greatest support and encouragement to Since then the two countries have the fighting Vietnamese and they

The land of Vietnam permeated with the blood of DPRK service personnel who fought by Their bonds of friendship were dedicating their youth and lives each other in major issues of the country's independence, to ensure peace and security in DPRK government to invariably

That is why Ho Chi Minh said

The DPRK-Vietnam ties Kim Il Sung offered unstinting achieved steady growth thanks to implement the decisions of the material assistance and spiritual to Chairman Kim Jong II and 13th Congress of the CPV, rallying long history and tradition will grow support to the Vietnamese people in Vietnamese leaders of different firmly around the party headed by stronger in the future.

injured in two rounds of car bomb

omb attack and other attacks against the government civilians were killed and 756

Afghanistan, which has been

Mosques, markets and schools,

Such incidents occur regardless in the northern part of the country. about 200 since the bomb exploded

where many people gather, have

unstable countries in the world.

organs of the country.

countries, taking the lives of many reduced to a theatre of bomb terror, August 2021.

In October last year, more than and 22 wounded in an explosion in thronged there.

Cause of serious water crisis

mong the natural disasters worst drought in 70 years.

sustained damage by the worst revealed here and there.

innocent people to cause social is counted as one of the most

the lives of at least ten and injured been major targets. Last year alone,

A series of terror attacks destroy social

100 were killed and 300 others an Afghan school.

seven in a city in the middle part of lots of casualties were witnessed in part of the country last year, which between religious denominations

various provinces including the one claimed the lives of 56 and injured

In late November, 15 were killed at the time when huge crowds

The bonds have developed into visits, the one in November 1964 was relations since the respected independence. in March 2019.

The agreements reached the historic summit meeting in world. cemented their friendly ties while were deeply moved by his genuine Hanoi set an important milestone internationalist sense of obligation in boosting strategic cooperation between the two countries and serve fresh success in their efforts to is as the motive power for the struggle of their peoples for socialism. Both countries keep step with of the CPV.

Asia and the rest of the world and establish a fair international order.

They are now exerting themselves

According to official data, 397

wounded due to the suicidal terror

rise, unrest and fear have persisted

in a mosque in the northwestern

The biggest incident took place contradiction,

Nguyen Phu Trong.

As it consistently pursues a Tanuary 31 is the 73rd anniversary Among his two rounds of Vietnam special comradely ties and strategic foreign policy for sovereignty, J diplomatic relations between made when they were going through Comrade Kim Jong Un paid an cooperation and development, official goodwill visit to Vietnam Vietnam works to strengthen friendly and cooperative relations with different countries of the

The Korean people sincerely wish their Vietnamese counterpart build a powerful and prosperous socialist state under the leadership

It is the steadfast stand of the inherit and develop the bilateral friendly and cooperative ties in the Today, the Vietnamese people are joint struggle for accomplishing the preceding and current top leaders of the two countries.

The bilateral friendship, unity and cooperative relations with a

Bomb explosions and other terror

All the countries in utter social

in the clutches of aggression and

Western countries. Wherever

there is foreign interference,

and conflict become aggravated

and between tribes without

exception and terrorist forces

swagger about in unstable social

attacks took place one after another

in Iraq and Syria.

or bomb attacks in half a year from confusion and crisis are just those

As bomb explosions are on the domination of the US and other

sacrilegious practice against the Koran in some European countries through the Twitter on January 25. The defilement of the Koran

committed under the signboard of "freedom of speech" clearly shows that Western countries have set Islam and the Koran as a target of attack, he said.

He called on all the people over the world aspiring after freedom to fight against the despicable policy of the West spreading hatred, by joining efforts with Muslims.

Murderous Israeli troops

Israeli troops keep murdering Palestinians in the West Bank. On January 26, Israeli troops stormed into a refugee camp in Jenin and shot resisting Palestinians while making a

As a result, dozens of Palestinians were reportedly shot dead or injured.

UN agency decides to maintain public health

emergency World Health Organization decided to maintain an international public

health emergency to cope with COVID-19 on January 30. The organization said that the

public health system has been under heavy burden as the novel coronavirus continues to mutate in the world and the flu virus and respiratory syncytial virus (RSV) have been detected in The second lesson is that it their early stages in some areas.

> According to the organization's decision, the toplevel alert will be maintained for three months more against the malignant infectious disease. COVID-19

Global casualties According to a foreign media

report, 675 359 503 persons contracted novel coronavirus, 6 763 365 died of it and 20 852 193 were undergoing medical treatment in the world as of 24:00 on February 1.

Wetland preservation in the DPRK



Ri Ju Gyong Journalist of the Central Committee of the Nature Conservation Union of Korea

ecological succession by fishing and mining, coming of which a lake gives way to land and exotic species and climate change. therefore it has the characteristics of the two environments and is of preventing the rapid loss of inhabited by various big and small wetlands and restoring them on a Ramsar Convention and as major decontaminating water by a into protecting wetlands and restoring living things.

It includes lakes, ponds, tideland, rivers, dams, offshore farms, coral on February 2 1971 and decided reefs and paddy fields.

It constitutes an ecosystem essential to human life as it performs various important functions such restoration" as the theme of wetland as the mitigation of the effects of protection for this year. climate change, provision of fresh water, prevention of flood damage, preservation as an important disintegration of pollutants and conservation of biodiversity.

inhabitants of earth earn income from caused by abnormal weather. wetlands and 3.5 billion persons live on foods produced there.

valuable natural resources of on three sides. humankind are now being lost or As it channels big efforts into degenerating due to the competitive forest planting and protection development and use of water and which is closely related to land resources, transformation wetland conservation, the DPRK

wetland is a natural product of rivers, lakes and coasts, in the intermediate stage of environmental pollution, excessive

> In order to carry on the work adopted the convention on wetlands to celebrate the day as World Wetlands Day from 1997.

The UN set "It's time for wetland

The DPRK carries on wetland national undertaking to protect its land and the lives and property of its At present more than a billion people and prevent natural disasters

Many coastal, inland artificial wetlands are distributed in However, wetlands that are Korea which is bounded by the sea

energetically undertakes various Australasian Flyway Partnership. projects for better protecting and wetlands and takes preventive measures against sources of

river areas from being polluted. listed as wetlands of international global scale, the United Nations stopovers of migratory water biological method. birds selected by the East Asian-

And successes have been made in

system of producing quality organic to safeguard and improve ecological fertilizer by treating deposits in environment, draw up a national plan pollution in order to keep land and rivers and sewage purifying sites, such factory waste as slag and In particular, it intensifies the urban waste in a comprehensive organized and real-time pollution preservation and management of way and introducing a new method monitoring and notifying system to Rason city, Kumya and Mundok of treating dyeing waste water and migratory bird reserves which were technologies of manufacturing a composite inorganic flocculant significance according to the for treating waste water and

the Eighth Central Committee of the Workers' Party of Korea, General managing wetlands. It restricts scientific research to prevent water Secretary Kim Jong Un pointed to development and reclamation of pollution, thereby establishing a the need to push ahead with the work for preventing air and water pollution in a scientific way and establish a wellprevent even a drop of muddy water from flowing into rivers.

The Nature Conservation Union of Korea will continue to put big efforts damaged wetlands as it promotes At the Sixth Plenary Meeting of cooperation with relevant units.



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The wetland of Kumya provides birds with diverse and rich plants favourable for their inhabitation.

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water shortage the persistent became waste.

moisture of soil in many countries. river transport. In August, the UK government At that time, the average water The first lesson is that great declared eight regions as those level of the river was 2 metres but it efforts should be put in to secure and plant species highly resistant to affected by drought for their decreased to 28cm in some sections.

hampered agricultural production, serious as the days go by. And it appealed to families to resulting in food crisis in many decrease their quantity of water countries.

even not to wash their hair every day. impossible to plant crops as the by relying on advanced science their actual conditions, it will be The Netherlands announced ground cleaved and farmlands and technology including those of possible to successfully cope with

of emergency as it was hit by the of Africa, 20 million people resources. underwent a food crisis as And underground reservoirs which struck the world The unprecedented drought agricultural production drastically are under construction to make caused the lowering of the water decreased due to the severe drought effective use of groundwater. which caused serious water crises levels of rivers and reservoirs persisting for several years.

which represent Europe including in Germany and the Po in Italy that if the region has no rain and is Two thirds of the continent and thus even their beds have been given no assistance, a more serious crisis may arise there. In the same month the water level

yields decreased owing to scarce radically fell, adversely affecting life of people than that by flood but also gives serious lessons.

Efforts have been made worldwide to change sea water and methodologically to solve the consumption as much as possible and In not a few countries it became sewage into new sources of water water problem everywhere to suit desalination and sewage treatment any severe drought.

drought and Italy declared a state In the countries in the Horn in order to stably secure clean water

Afforestation is winning most The World Food Programme favourable comment in securing Europe suffered the most serious the Thames in the UK, the Rhine expressed concern over the fact water resources because of forest's water-storing capacity.

is necessary to take it as a fait It not only shows that damage accompli that the world is affected Water transport and electricity of the Rhine, the most important by drought brings about no less by drought every year, to raise the production were disrupted and crop transport route of Germany, catastrophic consequences to the consciousness of people on water saving so as to save water as much as possible and to make sure that the agricultural sector plants crops new sources of water as the drought and introduces water drop precipitation and major river and The severe drought greatly abnormal weather grows more irrigation and other water-saving

farming methods. When efforts are made

BYWORD

Committee of the Workers' and change.

anniversary of the victory country by enhancing the the people sharing ideas, greater leap forward.

The Sixth Plenary Meeting in the Fatherland Liberation dignity and status of the breathing the same breath of the Eighth Central War, as a year of great turn DPRK onto the highest and keeping pace with the level.

Year of great turn, change

Party Central Committee, the Party of Korea called on The outstanding ideas As there is the WPK DPRK will glorify this year all the Korean people to and leadership of the WPK which leads all the people as a year of great turn and glorify this year, which is a decisive guarantee for to dramatic changes and change while surmounting marks the 75th anniversary bringing earlier the future of creation as well as the all difficulties persistently of the DPRK and the 70th a prosperous and powerful inexhaustible strength of and wisely and making a

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NATURE/SPORTS



KIM YONG CHAN / THE PYONGYANG TIMES

Educator devotes himself to development of sports



By Kim Jin Hyang PT

Yong (pictured), instructor of the Pothonggang District teachers training centre in Pyongyang, has been working in the sports educational sector for nearly

During the period, he made many successes admired by public as an educator.

Teacher of good students

Among the students learned from him, many were awarded commendations including DPRK Hero Pak Jong Su, who rescued the revolutionary slogans written by anti-Japanese guerrillas, eternal assets of the Korean revolution, in the unexpected flames and died a heroic death, Labour Hero O Kum Hui, a player of the Korean youth women's football team that won the Third World Youth Women's Football Championship, and a sportsperson who is active as an international football referee.

In 1991, he had worked as a football instructor of a middle school in Pothonggang District and when a new football class was formed, he took charge of the class.

His work was laborious since he had to not only teach students football technics but also train them into the pillars of the country, who are knowledgeable, morally sound and physically strong, and he was in charge of the football group of the school.

He implanted patriotic spirit into students before teaching them football techniques, and his sincere love and devotion became a stepping-stone for the growth of disciples.

An educator, he made painstaking efforts to put himself on a par with developing reality, won the title of October 8 model teacher and received

certificates of registration of new teaching methods and of creation of experimental apparatuses and teaching aids.

Teacher of teachers

Kim Yong II, who had remained loyal to the educational work with his ability and actual results, came to take on a new office as an instructor of the Pothonggang District teachers in-service training centre in 2015.

He thought deeply about how to guide and lead the sports education of schools in the district.

The main thing was to enhance the role of sports teachers who were in direct charge of sports education.

inspection of classes at work to the development of the and meetings for a joint review, he put much effort to raising the qualifications and abilities of teachers.

Especially, he rendered positive help to creating new teaching methods while making all the teachers acquire the global trend of development of education.

It happened last year when Ho Kwang Myong, a teacher of Pulgungori Junior Middle School, was creating

a new teaching method.

He set an ambitious goal for Ho so that he could invent a new teaching method that conforms to the development trend of modern sports free from previous teaching methods.

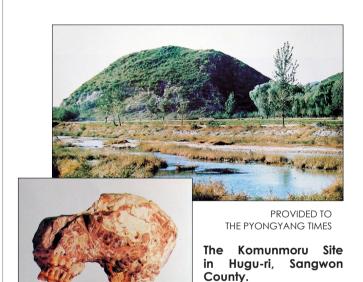
And he gave him a hint of new idea and guided him meticulously in the creation of the new teaching method from teaching design to programming.

"I would deeply be impressed by Kim Yong II who is more enthusiastic than others in work though he is nearly 60. It was the manifestation of the clean conscience, before the sense of responsibility for work, of him who is While engaging in the determined to contribute country's education," Ho Kwang Myong recalled.

Thanks to his positive and selfless assistance, Ho and many other teachers could acquire high abilities and thus Pothonggang District takes the first place in sports education throughout the capital city.

today, Kim Even continues to follow the road of conscience and devotion for the future of the country.

Komunmoru Site



By Ri Sang Il PT

he Komunmoru Site in Hugu-ri, Sangwon County, consists of remains of pithecanthropus, back more than a million certain methods.

It is a deep narrow cave with a length of about 30 metres, a width of some 2.5 metres and a height of 2 metres. At the time of the discovery, it was filled with sedimentary soil and even the entrance was blocked.

The most primitive rude implements and bones of animals discovered at the

site. Among the artefacts were hand axe-shaped, hoof-shaped, pointed and fragmented stone tools which are believed to be one of the earliest stone which is believed to date implements made with

The fossil bones of animals include those of tropical and sub-tropical animals which became extinct or disappeared in Korea, including buffalo, elephant, hyena and monkey.

The Komunmoru Site provides powerful evidence that proves the Taedong River basin is one of the cradles of human civilization.



