



(INSTRUCTION) Black line is mountain fold. Dotted line is also mountain fold.



Q.1★★
Of the countries which possess nuclear weapons, what country is the second most?
①U.S.A
②Russia
③China"



Q.3★
An atomic bomb was dropped in Hiroshima. When did it happen?
①8/6
②8/9
③8/11



Q.4★★
Where is the country which conducts nuclear testing for the first time in the world?
①Soviet Union
②U.K.
③U.S.A



Q.5★★★★
Which is the correct answer as the year when the Comprehensive Nuclear Test Ban Treaty was chosen?
①1945
②1996
③1998



Q.6★★★★
How many countries signed the Comprehensive Nuclear Test Ban Treaty?
①170
②185
③217



Q.7★★
The name of the treaty that the United States established as a framework of nuclear disarmament with Russia and took effect on February 5, 2011 is which?
①New TPNW
②New START
③New Cut-off Treaty



Q.8★
A guarantee by a nuclear weapons state to defend a non-nuclear allied state is spreading in the world. What is the name of it?
①Nuclear shelter
②Nuclear alliance
③Nuclear Umbrella



Q.9★
What is the name of the crisis that occurred as the Soviet Union installed a nuclear missile?
①Oil shock
②Cuban crisis
③Crisis in Malta



Q.10★★★★
In 1983 under the Cold War, a certain person saved the crisis of the nuclear war. He was an air force Lieutenant Colonel. What is his name?
①Stanislav Petrov
②Mikhail Gorbachev
③Vladimir Putin

A.1

Ans : ②U.S.A

Russia has 6375, U.S. has 5800, China has 320 (As of January, 2020) .

A.4

Ans : ③U.S.A

Nuclear weapons, which were made at the Manhattan project were tested on the 16th of July, 1945 for the first time in human history. Since this, the nuclear era started.

A.3

Ans : ①8/6

At 8:15 am, 6th of August, 1945, the atomic bomb was used for the first time. After three days, the second atomic bomb was dropped in Nagasaki. In the end, 8/15, Japan signed the Potsdam Declaration and WWII ended. We should never repeat this horrific event in history.

A.6

Ans : ②185

①is the number of countries that ratified this treaty. The number, 185 does not reach the necessary number yet.

A.5

Ans : ②1996年

10, Sep, 1996, Comprehensive Nuclear Test Ban Treaty was chosen in the U.N. It banned all nuclear testing. However, it has not yet had a major effect. Japan ratified it 1997.

A.8

Ans : ③Nuclear Umbrella

Nuclear Umbrella is a selfish concept designed to benefit the US at the expense of many. Japan is based on an American nuclear umbrella

A.7

Ans : ②New START

It is an abbreviation of the New Strategic Arms Reduction Treaty. It was adopted by the U.S. and Russia. It entered into force on February 5, 2011 to limit all intercontinental-range nuclear weapons.

A.10

Ans : ①Stanislav Petrov

In 1983, he was the officer of the Soviet Union forces who received an alert. However, it malfunctioned. Owing to his notice, U.S. and Russia could avoid nuclear war.

A.9

Ans : ②Cuban crisis

In 1962, Soviet installed a nuclear missile in Cuba, near the U.S. This intensified strain and went to the brink of a nuclear war. After negotiations, the nuclear war was avoided.



Q.11★★

How many nuclear weapons does Russia have?

- ①4530
- ②5280
- ③6375



Q.12★★

By spreading radioactive material, a certain bomb causes radioactive contamination. What is its name?

- ①Gun-type bomb
- ②Dirty bomb
- ③Atomic bomb



Q.13★

Which is the name of the nuclear power station which caused the biggest incident in 1968?

- ①Zaporizhzhia nuclear power plant
- ②Chernobyl nuclear power plant
- ③Khmelnitskii nuclear power plant



Q.14★

Which is NOT the name of nuclear weapons which dropped in Hiroshima or Nagasaki?

- ①Fat man
- ②Little boy
- ③Space shuttle



Q.15★★

In NPT, North Korea admitted having nuclear weapons. Yes or No?

- ①Yes
- ②No



Q.16★

In "three non-nuclear principles" published in 1967, which is NOT included?

- ①not possessing
- ②not using
- ③not allowing the entry of nuclear weapons into the country



Q.17★

Who has published the three non-nuclear principles in 1967?

- ①Shinzo Abe
- ②Eisaku Sato
- ③Kakuei Tanaka



Q.18★

Which is a factor of the nuclear accident which happened in Fukushima Daiichi nuclear power station?

- ①Great East Japan earthquake
- ②Great Hanshin-Awaji earthquake
- ③Great Kanto earthquake



Q.19★★

It is possible that individuals and organizations except states produce nuclear weapons. True or false?

- ①True
- ②False



Q.20★★

Which is the year when TPNW was published?

- ①1991
- ②2011
- ③2021

A.12

Ans : ②Dirty bomb

Dirty bomb, which aimed at spreading radioactive material is comparatively easy to make. Therefore, the risk abused by terrorists is evident.

A.11

Ans : ③6375

There were more than 40,000 nuclear weapons at a peak. Now, the number of this is decreasing. However, the decrease width becomes smaller year by year. This decreasing trend should not be stopped.

A.14

Ans : ③Space shuttle

①Fat man was dropped in Nagasaki and ②Little boy was dropped in Hiroshima. While their components differ, both brought serious damage.

A.13

Ans : ②Chernobyl nuclear power plant

Chernobyl nuclear power plant, which caused a nuclear power accident in Ukraine where the former Soviet Union country generated severe radioactive contamination. Due to this, many people have been confused even now. All options are names of nuclear power plants in Ukraine.

A.16

answer : ②not using

Three non-nuclear principles, which have been published in 1967, indicate the Japanese government's political stance on nuclear weapons. The principles are composed of three items: not possessing, not producing and not allowing the entry of nuclear weapons into the country.

A.15

Ans : ②No

According to NPT, only 5 countries have admitted having nuclear weapons. They are U.S., U.K., France, Russia and China. North Korea is not a member of NPT.

A.18

answer:①Great East Japan earthquake

Since the nuclear power plant lost electricity and couldn't cool down the nuclear reactor due to the earthquake and tsunami on March 11th, 2011, radioactive materials spread throughout the area. A lot of residents were forced to evacuate, and the misinformation of Fukushima incident has been continuing even today.

A.17

answer : ②Eisaku Sato

Eisaku Sato, who had published three non-nuclear principles in 1967, had received the Nobel Peace Prize in 1974.

A.20

answer : ③2021

TPNW is the historical treaty, which regards nuclear weapons as inhumane and illegal things for the first time. UN adopted it on July 7th, 2017, and published it on January 22th, 2021. However, there are still problems such as Nuclear states and Japan, which rely on nuclear weapons, don't approve of it.

Q.19

answer:①True

Anyone who has enough materials and skills can produce nuclear weapons. It is assumed that a terrorist group might use nuclear weapons. In order to prevent this, the countries that have nuclear weapons must manage nuclear materials properly, and protect them from terrorists.



Q.21★
Which is the country that doesn't join NPT?
①North Korea
②South Korea
③Japan



Q.22★★★
Which is a measure that indicates explosive power of nuclear weapons?
①nuclear yield
②nuclear explosive power
③degree of nuclear weapons



Q.23★★
Who is the U.S. president that had visited Hiroshima in 2016 as an incumbent for the first time?
①Bill Clinton
②Barack Obama
③Donald Trump



Q.24★
Which is a Japanese city in which we can see the a-bomb dome?
①Hiroshima
②Nagasaki
③Okinawa



Q.25★★★
Which of the following is the name of President Obama's 2009 speech in which he stated his goal of a "nuclear-free world"?
①Prague speech
②Gettysburg Address
③Berlin speech



Q.26★
Which of the following is the current number of nuclear weapon states?
①5
②9
③13



Q.27★★
Which of the following is the name of the U.S. atomic bomb production program during World War II?
①Apollo Project
②Manhattan Project
③Artemis Project



Q.28★★★★
Which country became the 50th country to ratify the Treaty on the Prohibition of Nuclear Weapons (TPNW)?
①Mexico
②Italy
③Honduras



Q.29★★★★
When will the NPT Review Conference take place this year (2022)?
①April
②August
③December



Q.30★★
The Atomic Bomb Dome in Hiroshima is registered as a World Heritage site. True or false?
①True
②False

A.22

answer : ①nuclear yield

It represents the amount of energy released when a nuclear weapon explodes, expressed in terms of the amount of material called TNT required to obtain this energy. The Hiroshima bomb is equivalent to 16 kilotons, and the Nagasaki bomb to 21 kilotons.

Q.21

answer : ①North Korea

North Korea, India, Pakistan and Israel are countries which have not joined NPT but possess nuclear weapons.

A.24

answer : ①Hiroshima

The A-bomb Dome, which was the Hiroshima Prefectural Industrial Promotion Hall at the time, is located 160 meters from the hypocenter. All those inside were killed instantly, but miraculously escaped collapse. It has been preserved as a symbol to convey the horror of nuclear weapons.

A.23

answer : ②Barack Obama

On May 27th, 2016, he had visited the Japanese city, which had been fired by an atomic bomb, as an incumbent, and visited the peace memorial museum, interacting with hibakusha, making a speech.

A.26

answer : ②9

In addition to the United States, France, China, Russia, and the United Kingdom, North Korea, India, Pakistan, and Israel possess nuclear weapons. Iran is also suspected by the international community of developing nuclear weapons.

A.25

answer : ①Prague speech

In a speech delivered by President Obama on April 5, 2009 at Hradcany Square in Prague, the capital of the Czech Republic, he announced that the United States would lead the way toward a peaceful world free of nuclear weapons. For this, President Obama was awarded the 2009 Nobel Peace Prize.

A.28

answer : ③Honduras

Honduras ratified the treaty on October 24, 2020. With this, the required 50 ratifications were met and the Nuclear Weapons Convention entered into force. The number of ratifying countries continues to increase, and as of March 2022, 60 countries have ratified the treaty.

A.27

answer : ②Manhattan project

The secretive Manhattan Project, which began as a countermeasure to Nazi Germany's atomic bomb development, involved many scientists, including Robert Oppenheimer, took three years and cost \$2 billion to develop.

A.30

answer : ①True

The Atomic Bomb Dome was registered as a World Cultural Heritage site in 1996. It is considered to be one of the "negative legacies" that serve as a reminder and lesson of the tragedies caused by mankind, and is a symbol that conveys the horror of nuclear weapons to the public. Other "negative legacies" include the Auschwitz concentration camp in Nazi Germany.

A.29

answer : ②August

The NPT Review Conference is held once every five years, at which nations discuss their efforts toward a world without nuclear weapons, with the goal of adopting a final document. Originally scheduled for the spring 2020, the conference will take place in August 2022 after being postponed four times due to the spread of COVID-19.



Q.31★★

Which of the following is the name of the U. S. atomic bomb production program during World War II?

- ①Apollo Project
- ②Manhattan Project
- ③Artemis Project

A.31

answer : ②Manhattan project

The secretive Manhattan Project, which began as a countermeasure to Nazi Germany's atomic bomb development, involved many scientists, including Robert Oppenheimer, and took three years and cost \$2 billion to develop.