# Let's Begin:

Take this quiz to check your knowledge of music and musicians.

### Question 1.

What kind of music is Ravi Shankar famous for?(a) Jazz(b) Classical(c) Pop

#### Answer:

(b) Classical

### **Question 2.**

Which country was Justin Beiber born in?

(a) USA

- (b) India
- (c) Canada

### Answer:

(c) Canada

## Question 3.

How many strings does a guitar have? (a) 6 (b) 7 (c) 8

### Answer:

(a) 6

### **Question 4.**

What is a group of three musicians called?(a) a trio(b) a duet(c) a quartet

#### Answer:

(a) a trio

### **Question 5.**

What is the next note after sa-re-ga-ma? (a) dha (b) ni (c) pa

### Answer:

(c) pa

# Question 6.

What is the next note after do-re-mi? (a) ti (b) fa (c) so

### Answer:

(b) fa

# **Reading Comprehension:**

In this section, you will read three texts on music in different perspectives. The first one will enlighten you about the effective role of music in our lives, the second reflects on the life of the famous music composer, Ludwig van Beethoven, and the third is a poem by William Wordsworth where he appreciates the melody of a song.

Read the texts carefully and answer the questions that follow.

Text – I

## Role of Music in Life:

Today, we are rushing through life and everyone seems to be pressurised and stressed about one or the other thing. Stress has become an inescapable part of our lives. Many of our illnesses are a result of stress, and to deal with it, we need certain ways to relax our body and mind. Listening to music, particularly gentle, calming and melodious music, relaxes people both physically and mentally. Music releases endorphins, the natural painkillers in our brain, which relieve us from the sense of pain. Music can normalise heart rate and blood pressure. The common occurrences of fatigue and boredom decrease when we listen to music. It diverts our attention from everyday anxieties, thereby reducing the stress caused by such concerns. While meditating, listening to music helps us to connect with our soul. Students can improve their concentration and boost their memory by listening to soft music. Soothing music, when played at night, helps us to rest and relax for a good night's sleep. Listening to good music helps in overcoming negative/traits such as anger or worry, thereby improving our personality. It creates positive energy and happiness. Every cell in the body becomes energetic with increased peace of mind.

Music is a therapy for everyone – plants, birds, animals and human beings – to flourish and rejuvenate. It certainly plays an important part in making the world better for all living beings.

Complete the following statements by selecting the most appropriate options given below.

#### **Question 1.**

\_\_\_\_\_ helps in relaxation of our body and mind.

- (a) Pop music
- (b) Soothing music
- (c) Jazz music
- (d) Rock music

### Answer:

(b) Soothing music

### Question 2.

The natural painkillers released in our brain are \_\_\_\_\_.

- (a) Insulin
- (b) Endorphins
- (c) Endocrine
- (d) Glycerin

Answer: (b) Endorphins

## Question 3.

Music is helpful in improving the \_\_\_\_\_ of students.

- (a) concentration
- (b) emotion
- (c) relaxation
- (d) anxiety

#### Answer:

(a) concentration

### Question 4.

Which word from the passage means the same as 'to renew' \_\_\_\_\_?

- (a) rejuvenate
- (b) enhance
- (c) release
- (d) relieve

# Answer:

(a) rejuvenate

# Question 5.

List the benefits of music mentioned in the passage.

# Answer:

- It relaxes people both physically and mentally.
- It releases endorphins, the natural painkillers in our brain, which relieve us from the sense of pain.
- It thus normalises our heart rate and blood pressure, reduces anxiety and stress.
- It helps in enhancement of concentration and memory of students.
- It helps in overcoming fatigue, boredom and negative traits of our personality such as anger.
- It is a therapy which soothes, relaxes and rejuvenates one's mind, body and soul.

## Text – II

# Beating the Odds:

The musical accomplishments of composer Ludwig van Beethoven have been all the more remarkable for the fact that he lost his hearing ability from an early age. He developed the symptoms of tinnitus, a constant sound of ringing in his ears that made it difficult for him to hear. He is compared to Mozart for his genius, and is considered the most eminent musician after Mozart.

Although hip formal education never went beyond the elementary level, he trained in music under Joseph Haydn. He has always been acclaimed as a brilliant piano maestro. His father and grandfather were the court musicians of a German prince. Young Ludwig was often made to perform for his father's drinking companions in the middle of the night, and was even beaten if he protested.

For the first thirty years of his life, Beethoven could listen to and play music effortlessly. As a result, he understood sounds of musical instruments and the pitch of the singing voices. He knew the harmony between music and singing before he became completely deaf. His deafness was not sudden, but a gradual decline. This slow process of losing his hearing activated his mind to imagine how his compositions would sound like. When he became completely deaf, he started to observe the vibrations of the piano. The observations helped him realise that he could not hear the high notes of the piano. To be able to hear his own compositions, he sawed off the legs of his piano. The piano touched the floor, and Beethoven would press his ear to the floor, banging the piano keys to listen to the high notes in his compositions.

The most significant aspect of Beethoven's character was that he did not give up. With a brave heart, he confronted the greatest challenge a musician can face, and continued living his dream of composing music. Deafness could not deter him from achieving the pinnacle of musical success. He fought against the greatest obstacle and won.

His quality of 'never giving up' strengthened him. It made him come to terms with his deafness in a dynamic and constructive way. These qualities led him to become a famous composer.

### **Question 1.**

Read the following statements and write true (T) or false (F).

(a) Although he composed a lot of music, Beethoven never learned to play music himself. (T/F)

(b) His deafness was not a sudden loss of hearing. (T/F)

(c) He composed most of his music early in his. life, before he became deaf. (T/F)

(d) His musical skills were compared to Haydn. (T/F)

(e) Beethoven cut down the legs of his piano to hear the notes of the keys from the floor. (T/F)

### Answer:

- (a) False (F)
- (b) True (T)
- (c) False (F)
- (d) False (F)
- (e) True (T)

### **Question 2.**

How could Beethoven compose music despite his loss of hearing?

### Answer:

Beethoven, a strong-willed person, lost his hearing ability over a period of time. So for the first thirty years of his life he could listen to and play music effortlessly as a result of which he became adept at the nuances of music. During his process of loss of hearing too, he honed his skill of hearing to his compositions by sawing off the legs of his piano and listening to the high notes of his compositions with the help of vibrations on the floor. This, along with his determination and 'never give up' attitude enabled him to become a famous composer.

### **Question 3.**

What realisation made Beethoven continue his passion for music with more determination?

## Answer:

The realisation of never giving up' attitude of his character strengthened him. It made him come to terms with his deafness in a dynamic and constructive way and he continued his passion for music with more determination and became a famous composer.

## Question 4.

Which word in the following is similar in meaning to 'skillful' (para 1)?

- (a) brilliant
- (b) masterly
- (c) talented
- (d) genius

## Answer:

(d) genius

Text – III

Read the poem carefully and answer the question that follows. The Solitary Reaper Behold her, single in the field, Yon solitary Highland lass! Reaping and singing by herself; Stop here, or gently pass! Alone she cuts and binds the grain, And sings a melancholy strain; O listen! for the Vale profound Is overflowing with the sound.

No Nightingale did ever chaunt More welcome notes to weary bands Of travellers in some shady haunt, Among Arabian sands: A voice so thrilling ne'er was heard In spring-time from the Cuckoo-bird, Breaking the silence of the seas Among the farthest Hebrides.

Will no one tell-me What she sings? Perhaps the plaintive numbers flow For old, unhappy, far-off things, And battles long ago: Or is it some more humble lay, Familiar matter of to-day? Some natural sorrow, loss, or pain, That has been, and may be again?

Whate'er the theme, the Maiden sang As if her song could have no ending; I saw her singing at her work, And o'er the sickle bending; I listened, motionless and still; And, as I mounted up the hill, The music in my heart I bore, Long after it was heard no more. William Wordsworth

#### **Question 1.**

Complete the summary of the poem given below with a suitable word/phrase in each blank.

The poet finds a young Highland girl who

(a) a	one and "sings	to herself. The	e poet asks us	to listen car	efully, because
the whole (b)	is fille	d with the ove	rflowing sour	nd of her sing	ging. He asks us
to either (c) _	and liste	en to her sad s	ong, or gently	y pass by so a	s not to disturb
her. He goes	on to say that no	o nightingale e	ever sang a m	ore (d)	song to

bands of tired (e) \_\_\_\_\_\_ in the Arabian Desert. The poet asserts that the beauty of the girl's singing exceeds that of the cuckoo's in the (f) \_\_\_\_\_\_. Her singing is also the only thing which (g) \_\_\_\_\_\_ the silence of the valley. The poet tries to (h) \_\_\_\_\_\_ what the girl is singing about. He is unable to get the words of the song clearly. He. thinks that perhaps she is singing about old sorrows or (i) \_\_\_\_\_\_ fought long ago, or more routine concerns of life or even some (j) \_\_\_\_\_\_ which she has endured and may endure again. At the end, he quietly walks away with a feeling that he may never be able to find out the (k) \_\_\_\_\_\_ of her never-ending song. Nevertheless, he asserts that her singing has captured his imagination so much that he will (l) \_\_\_\_\_\_ the music in his heart long after it is heard no more.

#### Answer:

- (a) reaps
  (b) valley
  (c) stop
  (d) welcoming
  (e) wanderers
  (f) spring-time
  (g) breaks
  (h) ask someone
  (i) battles
  (j) suffering
  (k) theme
- (l) bear

# Vocabulary:

### **Question 1.**

The following words and phrases occur in the given passages and poem. Given below are the words and their meanings. Match each meaning with the word.

Text 1	
1. relieves	(a) substances produced by the brain that have pain-killing and tranquillising effects on the body
2. endorphins	(b) power to live or grow
3. exhaustion	(c) to free from anxiety, fear, pain, etc.
4. rejuvenate	(d) tiredness
5. vitality	(e) to restore to a former state; make fresh or new again

Text 2	
6. prodigy	(f) constantly repeated
7. persistent	(g) to cut or divide
8. virtuoso	(h) to make or become worse or inferior in character, quality, value, etc.
9. deterioration	(i) something that obstructs or hinders progress
10. sawed	(j) a person, especially a child or young person, having extraordinary talent or ability
11. obstacle	(k) a person who excels in musical technique or execution
Text 3	
12. behold	(l) tired
13. yon	(m) girl
14. lass	(n) look, see
15. melancholy	(o) climbed
16. vale	(p) expressing sorrow
17. strain	(q) causing sadness
18. weary	(r) that
19. plaintive	(s) melody
20. mounted	(t) valley

### Answer:

Text – 1 Q. 1 – c; 2 – a; 3 – d; 4 – e; 5 – b

Text – 2 Q. 6 – j; 7 – f; 8 – k; 9 – h; 10 – g; 11 — i

Text – 3 Q. 12 – n; 13 – r; 14 – m; 15 – q; 16 – t; 17 – s; 18 – Z; 19 – p; 20 – 0

### Question 2.

Word search

Look at the grid given here.

Þ	i	a	n		1	a	b	b	c	c	d
a	၉	b	c	у	p	r	a	t	i	t	g
ß	n	s	r	Œ	a	b	1	a	r	0	a
i	0	е	a	1	s	е	1	u	d	t	h
t	$\mathbf{h}$	0	b	r	e	a	m	a	р	а	0
a	р	d	<b>(</b> 3)	а	r	0	ď	р	n	n	1
$\mathbf{r}$	0	t	h	r	е	D	е	f	g	j	a
a	1	$\bigcirc$	e	t	n	r	i	u	t	0	k
1	у	е	h	a	а	u	р	u	n	g	i
c	¥.	е	n	n	i	m	f	d	n	t	р
1	h	n	a	h	р	e	t	u	1	f	g
е	h	6	Ŀ	m	0	n	i	u	m	j	0





A. Find the names of the musical instruments in the grid. They can be found in different directions: up-down, down-up, left-right, right- left and diagonally. Name the musical instruments.

#### Answer:

- (1) Tabla
- (2) Piano
- (3) Xylophone
- (4) Sitar
- (5) Sarod
- (6) Drum
- (7) Flute
- (8) Dholak
- (9) Veena
- (10) Shehnai

**B.** Use the pictures as clues. Write the appropriate name of the instrument in each blank given below. One has been done as an example.

(a) Evelyn Glennie is a Xylophone plaver.

(b) Zakir Hussain plays the \_\_\_\_\_.

(c) Hariprasad Chaurasia plays the \_\_\_\_\_.

- (d) V. Doraiswamy Iyenger plays the \_\_\_\_\_.
- (e) Bismillah Khan plays the \_\_\_\_\_.
- (f) Amjad Ali Khan plays the \_\_\_\_\_.

#### Answer:

(a) Xylophone player
(b) Tabla
(c) Flute
(d) Veena
(e) Shehnai
(f) Sarod.

## Grammar:

#### **Question 1.**

In the lesson 'The Sound of Music' you have read that 'adjectives' ean be used before a noun and after the verb 136'.

#### **Example:**

The book is interesting. The interesting book. The table is round. The round table. But 'adjectives' can have many forms.

#### **Examples:**

1. He chose a pipe with a natural hollow stem that was longer and broader.

2. Ustad Bismillah Khan was awarded India's highest civilian award.

3. My mother is the most beautiful woman in the world.

Here the adjectives longer and broader refer to the comparative degree; and highest and most beautiful refer to the superlative degree.

'Er' is used for the comparative degree for shorter words and 'more' is used for longer words.

### Example:

Let's go to the local market. The vegetables are cheaper there. But in Supermarket these are more expensive.

A. Now fill in the blanks with appropriate comparative adjectives.

(a) He was not audible. His voice was not loud.

Can you request him to be a bit \_\_\_\_\_ (loud)?

(b) There are many peaks in the Himalayas.

Everest is \_\_\_\_\_ (high) peak in India.

(c) With 9 degree Celsius it was colder yesterday,

and with 4 degree Celsius it is \_\_\_\_\_ (cold) today.

(d) Our police is the \_\_\_\_\_ (reliable) in the country.

(e) My sister is \_\_\_\_\_ (serious) than me.

(f) Your dance performance is not good. It can be \_\_\_\_\_ (good) with practice.

(g) Living in the countryside is \_\_\_\_\_ (peaceful) than living in a town.

(h) My father is \_\_\_\_\_ (important) person in my life.

## Answer:

- (a) louder
- (b) the highest
- (c) the coldest
- (d) most reliable
- (e) more serious
- (f) better
- (g) more peaceful
- (h) the most important

**B.** Fill in the blanks with appropriate superlative degree 'most'/'est'.

(a) With so many vehicles, the roads of Delhi have \_\_\_\_\_ become (crowded) ones in India.

(b) Yesterday was \_\_\_\_\_ (cold) day of the month.

(c) The book is interesting. It is \_\_\_\_\_ (interesting) book I have ever read.

(d) This hotel is cheaper. But that oile is \_\_\_\_\_ (cheap) in the town.

(e) \_\_\_\_\_(old) member of my family is my grandfather.

(f) Lata Mangeshkar has \_\_\_\_\_ (melodious) voice in the country.

### Answer:

- (a) the most crowded
- (b) the coldest
- (c) the most interesting
- (d) the cheapest
- (e) The oldest
- (f) the most melodious

## Question 2.

In the same lesson, use of 'to-verb' has been explained. Let's do some more activities on this. Join the two sets of sentences given below, and make one sentence. The first one is done for you.

'May I help you?'
 'Okay'
 He offered to help her.

**2.** 'Let's go to the Old Age Home in the evening.' 'That's fine.' She arranged \_\_\_\_\_\_ to the Old Age Home in the evening.

#### Answer:

a visit

3. 'What would you like to eat?', asked Shivani's mother.'I don't have an appetite', replied Shivani.Shivani refused \_\_\_\_\_.

#### Answer:

to eat as she didn't have an appetite

**4.** 'Post the letter. Don't forget.' Don't forget \_\_\_\_\_.

Answer: to post the letter

**5.** 'Can you participate in the music concert?' 'It's fine with me.' She agreed \_\_\_\_\_\_ in the music concert.

**Answer:** to participate

# **Editing**:

Some words have been omitted in the paragraph given below. Write the appropriate words and rewrite the paragraph.

The following words were written/the tomb off Anglican Bishop of Westminster Abbey: When I was young/free and my imagination had no limits, I dreamed/changing the world. As I grew older and wiser, I discovered/world would not change, so I shortened my sights somewhat and decided/ change only my country.

But it too seemed immovable. As I grew/my twilight years, in one last desperate attempt, I settled/ changing only my family, those closest to me, but alas, I couldn't. And now as I lay/ my deathbed, I suddenly realise: If I had only changed myself first, then/ an example I could have changed my family.

From their inspiration and encouragement, I could then have been able/better my country and, who knows, I may have even changed the world.

#### Answer:

The following words were written on the tomb of an Anglican Bishop of Westminster Abbey. When I was young and free and my imagination had no limits, I dreamed of changing the world. As I grew older and wiser, I discovered the world would not change, so I shortened my sights somewhat and decided to change only my country.

But it too seemed immovable. As I grew into my twilight years, in one last "desperate attempt, I settled for changing only my family, those closest to me, but alas, I couldn't. And now as I lay on my deathbed, I suddenly realise: If I had only changed myself first, then by an example I could have changed my family.

From their inspiration and encouragement, I could then have been able to better my country and, who knows, I may have even changed the world.

## Listening:

A passage on the healing aspect of music is given below. You need to listen to the passage read by your teacher/ classmate carefully and answer the question that follows. You may listen to the passage twice, if required. Music as a Therapy "Rhythm and harmony find their way into the inward places of the soul", rightly said by Plato. Music is often referred to as 'food' for the soul due to the several benefits we can derive from experiencing it.

Music can be pleasure for some, and a way to relax for others. It also motivates and energises listeners. 'Music is, indeed, a universal language, which can bring nations together and unite people with different faiths as it touches one's soul. In the mainstream, music is mainly known for its entertainment quotient, but the Indian culture also talks about the healing effects of music through 'Raga Chikitsa'. Raga Chikitsa has helped in reviving an ancient healing practice known as Nada Yoga.

Nada is a musical sound, which is believed to have curative effects on the body i and soul of all creatures. Consequently, its power is therapeutic and is used in curing diseases. Medical research has found music therapy to aid patients in pain management. It is not surprising, as music affects the body and mind significantly.

One experiences positive energy by listening to music. Music lifts one from clouds of desolation. Rhythms, particularly upbeat music, helps one distract oneself from

situations that cause stress and brightens one's mood. Music lowers anxiety levels, relaxes mind and brings optimism. It is said that listening to soft, sedative music once a day can help overcome depression.

Music therapy finds its traces in mythology. The story of Hippocrates, the Greek father of medicine dates back to 400 B.C. He is known to have used music to cure his patients. This therapy also aids stroke victims to heal at a faster rate, since it increases the patient's emotional comforts and motivates them to move towards the path of recovery. On the other hand, adolescents, too, are benefitted by music in terms of emotional, social and psychological well being. Music is a force that purifies beings from within.

According to you, which FOUR of the following statements are true?

- (a) Nada Yoga treats diseases through Raga Chikitsa.
- (b) Music is a universal language that reaches souls.
- (c) Music therapy dates back to 400 B.C.

(d) Hippocrates played music to treat the patients.

(e) Upbeat tunes help stroke victims recover faster.

(f) Music helps adolescents to discover their identity.

**Answer:** (a); (b); (c); (d)

# Speaking:

Two students need to come to the front of the class for a role play. One plays the role of Thyagaraja, a famous singer, and the other the role of the interviewer, Rohit, a Radio Jockey (RJ). The interview is about the singer's initiatives in helping people through music.

 $\rightarrow$  RJ Rohit : Do you think music has any effect on people's lives?

 $\rightarrow$  Thyagaraja : Yes, I believe music surely has a positive effect on people's lives. It helps when you are stressed, or depressed about something. Apart from these, music is a good way of relaxing and feeling good about life.

 $\rightarrow$  RJ Rohit : What, according to you, could be the influence of music on young children?

 $\rightarrow$  Thyagaraja : Now-a-days, young children get distracted easily. Music helps them in concentrating on what they are doing.

 $\rightarrow$  RJ Rohit : How does music help patients?

 $\rightarrow$  Thyagaraja : Listening to music relaxes patients. The process of healing becomes faster when they are in a relaxed state of mind.

 $\rightarrow$  RJ Rohit : Thank you very much. You are doing a great job for the humankind.

## Writing:

#### **Question 1.**

Listening to music has become a part of our lives for many reasons. We listen to different types of music today.

Discuss in pairs the following question:

Is the traditional music of a country more important than its contemporary music? Write your views in about 50 - 60 words.

#### Answer:

Nowadays, contemporary lifestyle and advancement in technology is responsible for the popularity of International music. Traditional music, on the other hand, is the symbol of tradition, values and history of a society. Although music in any form is meditative but I believe that more emphasis should be given to the traditional music as identity, unique tradition and culture of a nation can only be preserved by promoting our traditional music.

### **Question 2.**

The traits of a musician are given in the box overleaf. Use these and write a short biography in about 100-150 words. You may collect more information from the Internet, books in the library and other sources.

A. R. Rahman: Indian composer, singer, song¬writer, music producer, musician and philanthropist; bom in Chennai on 6 January 1967; graduated from Trinity College, Oxford University; famous in integrating Indian classical music with electronic music, world music and traditional orchestral arrangements; recipient of the Padmashri and the Padma Vibhushan awards; two Oscars and a Golden Globe; a notable humanitarian and philanthropist; donates and raises money for a number of causes and charities. Biographical Sketch

biographical bic

### Answer:

A.R. Rahman (Allah Rakha Rahman) was bom in Chennai on-6 January 1967 as A.S. Dileep Kumar. When he was eleven years old, he joined the troupe of famous South

Indian composer Ilaiyaraaja. He later graduated from the Trinity College at Oxford University, with a degree in western classical music. He got his first lucky break for the composition of music for the movie Roja in 1991. He has worked with all the leading directors and personalities in Bollywood as well in the South Indian film Industry like Javed Akhtar, Mehboob, Gulzar, Vairamuthu, Anand Bakshi, Vaali and P.K. Mishra.

He made his debut in Bollywood with the film Rangeela. He is famous for integrating Indian classical music with electronic music, world music and traditional orchestral arrangements. He is not just famous in India but is an internationally acclaimed composer, singer, song writer, music producer, musician and philanthropist. He is one of the best-selling recording artists with an estimated 200 million units sold. A six-time National Film Award Winner, he has fifteen 'Filmfare Awards' and sixteen 'Filmfare Awards South' for his music. Besides this he is the proud recipient of the Padmashri, the Padma Vibhushan, two Oscars and a Golden Globe Award.

# **Project:**

### Question 1.

Sit in groups of four. Each of you find information on the folk music of your state and of one of the neighbouring states. You may seek information from the community, library, Internet and other sources. Now, ask questions to each other in the group to complete the table below.

Names of the folk music	
States where they are performed	
Any instrument/s used (you may illustrate the instruments)	
Performers	

#### Answer:

The whole class may be divided in a group of four students each. For example if a class has 52 students, make 13 groups and ask each group to collect relevant information as per the question. Now ask each group to present a report on their gathered information as follows :

Name of the folk music	Lavani
States where they are performed	Maharashtra

Any instrument/s used (you may illustrate the instruments)	Dholki
Performers	Female performers wearing nine-yard long saris.

### **Question 2.**

Prepare a report in your group and present it to the class. Then, share your suggestions in the class to popularise the folk music in your community.

### Answer:

#### Report

Lavani is a genre of music popular in Maharashtra. It is a combination of traditional song and dance, which particularly is performed on the beats of Dholki, a percussion instrument. It is noted for its powerful rhythm. It has contributed substantially to the development of Marathi folk theatre. In Maharashtra, Southern Madya Pradesh and North Karnataka, it is performed by female performers wearing nine-yard long saris. The songs are sung in a quick tempo.

Lavani is very popular in Bollywood. To popularise it further in our community, it should be widely sung in household functions like marriage, birth etc. Also, students should be encouraged to learn it as a part of their extra curricular activity and perform the same in school and community.

## Question 3.

'The Sound of Music' is a biographical piece about Evelyn Glennie, a famous percussionist, who listened to sound without hearing it. Collect information about people/children who have overcome their physical barriers and have achieved success in their lives.

### Answer:

People/children who have overcome their physical barriers and have achieved success in their lives like Evelyn Glennie, a famous percussionist, are as follows :

Name of the personality	Famous for	Disability
(1) Michael J. Fox	Actor	Parkinson's Disease
(2) Stephen Hawking	British physicist	Completely paralyzed by amyotrophic lateral sclerosis

(3) Helen Keller	Noted speaker, author, and crusader for pacifism	Blind and deaf
(4) Albert Einstein	Scientist	Asperger's syndrome, dyslexic
(5) Sudha Chandran	Well known Bollywood dancer and actress	Lost her leg in a car accident
(6) John Milton	The English author and poet	He became blind at the age of 43