

**ВСЕРОССИЙСКАЯ ОЛИМПИАДА ШКОЛЬНИКОВ
ПО АНГЛИЙСКОМУ ЯЗЫКУ 2019 – 2020 уч. г.
ШКОЛЬНЫЙ ЭТАП. 9 – 11 классы**

**Part 1 (20 minutes)
Maximum points – 13**

Listening

Listen to the text and say if the sentences given below are TRUE or FALSE.

1. There are four different age groups that play water polo.
a) True b) False
2. Tyrone wants to join the under 14s club.
a) True b) False
3. The under 16s water polo team trains 3 times a week.
a) True b) False
4. The under 16s train on Monday and Thursday evenings.
a) True b) False
5. Water polo matches are played on Saturdays.
a) True b) False
6. You have to pay to join the water polo classes under 18s.
a) True b) False
7. You need to bring a photo to register at the swimming-pool.
a) True b) False
8. Training for the water polo team starts this week.
a) True b) False

Listen to the talk of two people about their plans for vacations. Choose the best answer to the questions given below.

9. Where is the man going on vacation?
A. Italy
B. France
C. Germany
10. Where did he meet Claudia?
A. at a music store
B. at the post office
C. on the Internet
11. What advice does Markus give Pete about meeting Claudia's parents?
A. be on time
B. take a small gift
C. smile and be friendly
12. What is one thing Markus does NOT say about greeting Claudia?
A. shake her hand
B. give her a friendly hug
C. take her some flowers
13. Markus' final suggestion for Pete is that he should:
A. brush up on his German.
B. buy souvenirs for Claudia's family.
C. visit Berlin during his visit.

Part 2 (30 minutes)
Maximum points – 13
Reading

Read the text and fill in the parts of the sentences given below.

To design spacesuits, vehicles and habitats with enough shielding to keep astronauts safe, scientists need to know **14** _____. They can estimate this radiation dose using computer models, but a computer model and real – life can be two widely different things. Until now, researchers weren't sure **15** _____.

That's where the Phantom Torso comes in. He's an armless, legless, human – shaped mannequin **16** _____. Scientists call him Matroshka, and like his NASA counterpart Fred, this mannequin is an intrepid space traveller.

Matroshka's plastic body is loaded with over 400 dosimeter sensors **17** _____. The sensors are placed in the location of vital human organs. All the data collected is being used by scientists to verify the accuracy of computer models used to predict the safety of space missions for human astronauts.

The Phantom Torso has become a regular sight on the International Space Station over the last four months but now the limbless mummy – like humanoid is back home again. The Phantom Torso has provided the real – world test needed to prove **18** _____. They're accurate to within ten percent of the measured dose. That means these models can be used to plan NASA's return to the Moon or even a trip to Mars.

Lessons learned from Fred and Matroshka have major implications for NASA's plans to set up a manned outpost on the Moon and eventually to send people to Mars. Protecting astronauts from the harmful effects of space radiation will be critical challenge for these extended missions.

Now that the Phantom Torso has spent four months on the International Space Station, scientists are learning about the space radiation **19** _____. The results obtained from this experiment could help in the development of countermeasures to the effect of cosmic radiation experienced by astronauts.

1. that Matroshka endured
2. how much radiation astronauts actually absorb
3. which collect data from galactic cosmic rays and other radiation sources in space
4. whether their models accurately predicted the radiation dose astronauts experience in space
5. that looks like he's wrapped in a mummy's bandages
6. what to do with him
7. that the models used by scientists are essentially correct

Read the text and make the right choice.

So far there are only two ways to get into space – you either have to be an astronaut or very rich. Countries such as Russia and the USA have space programs, but you need to be highly qualified and very determined if you want to become an astronaut. Only a few of the thousands of applicants make it through the training and selection program. Alternatively, if you have the money and are fit enough, you may be able to buy a place on the space journey, as the US millionaire, Mike Melwill did in 2004. But soon there may be another way.

Asif Mahsood is a 14-year old Pakistani with big plans. He dreams of getting a job in space, but hopes he doesn't need to become an astronaut. And the idea is not so fantastic. Many experts believe that the travel industry will be revolutionized during the next decades by the development of space holidays.

Most people know about the space stations that are already circling the Earth. They are used for research and are operated by professional astronauts. But soon a space station could be built for commercial purposes. A holiday in space would not be cheap, but there are probably already plenty of people who would be prepared to pay.

This is where Asif's dream comes in. he wants to be the manager of the world's first orbiting hotel. It is likely that rocket ships will provide the transport. They could be launched from the Earth's surface, or even from a carrier aircraft high in the atmosphere. The space hotel will be designed with a landing platform for the rocket ship. The passengers could then move into the hotel through a large tube connected to the hotel entrance. This would be necessary because there is no gravity in space. However, inside the space hotel there would need to be a system creating artificial gravity, so that guests could move around normally.

Naturally, if hotels are built in space, there will also be new jobs in space. Guests will need all the normal services found in a hotel on Earth, but there will also be so new possibilities. For example, all sorts of recreation activities could be designed to take advantage of the zero gravity conditions in space. Being able to float around a room, bounce off the walls and ceiling would be very attractive for tourists looking for a new

experience. Games of three – dimensional football, basketball or volleyball would certainly be very interesting. The hotel would also have telescopes to look out at the universe, and to look back at the Earth below.

A space hotel will need to have other facilities that are not necessary in normal hotels. It would be more like a small city in some ways, with its own hospital, communication system, police force and fire department.

In the meantime, Asif is going to keep studying hard at school so that he can find a job working in one of the big international hotels in Lahore or Karachi. He wants to qualify in hotel management and continue to study business administration. The hotels are much the same, so Asif believes that the best preparation for a job in space will be gaining plenty of experience working in Earth hotels.

The whole idea of hotels in space may sound a little like science fiction, but 30 years ago technology such as mobile video phones and the Internet seemed to be just a crazy dream, whereas today they are a normal part of everyday life, and it is hard to imagine our world without them.

20. Who is Mike Melwill?
 - A. The founder of a new space program
 - B. An American scientist
 - C. A highly – qualified astronaut
 - D. A man who paid for a space travel
21. Asif's final aim is to...
 - A. become an astronaut.
 - B. go on a space holiday.
 - C. be a hotel manager in Pakistan.
 - D. work in a new type of a hotel .
22. What will be new in the operations of space stations in the future?
 - A. Scientific research will be performed on them
 - B. They will be used for training professional astronauts
 - C. They will be used for making money
 - D. They will be less expensive
23. In space hotels, a large tube will be necessary for.....
 - A. creating artificial gravity.
 - B. connecting the hotel to the landing area.
 - C. linking hotels with the Earth.
 - D. launching the rocket ships.
24. Which of the following is NOT described as possible entertainment in space hotels?
 - A. Walks in the open space
 - B. Jumping on the ceiling
 - C. Watching the Earth through a telescope
 - D. Playing extra dimensional volleyball
25. Space hotels will require...
 - A. exactly the same services and facilities as normal hotels
 - B. absolutely different services and facilities than normal hotels
 - C. more services and facilities than normal hotels
 - D. less services and facilities than normal hotels
26. The author argues that....
 - A. many things that used to be science fiction exist nowadays
 - B. rich people should finance the space exploration
 - C. space hotels are just a crazy dream
 - D. it's already hard to imagine our world without space travelling

Part 3 (20 minutes)
Maximum points – 15
Use of English

Task 5. Complete the second sentence so that it has a similar meaning to the first sentence. Use the word given and other words to complete each sentence. You must use between two and five words. Do not change the word given.

27. He smoked a lot, so he had a very bad cough.

DUE

His very bad cough _____ a lot.

28. You ought to find a job.

TIME

It _____ a job.

29. The decorators were still painting the flat when I moved in.

PAINTED

The flat _____ when I moved in..

30. Can I speak to you in private?

WORD

Can I _____ in private?

31. Please check this document for misprints.

SURE

Please _____ misprints in this document.

Task 6. For questions 1-10, read the text below and think of the word which best fits each space. Use only one word in each space.

A young team of detectives has managed to cut (32) _____ the crime rate in the Swedish town of Uppsala with the help of an imaginative and dedicated policeman. The youngsters have been working under Goran Harde, a police officer who came (33) _____ with the idea of organizing a training course for young detectives to help cope (34) _____ increasing crime levels in Swedish cities.

The results of the course, (35) _____ has been running since the early 90s, (36) _____ pretty impressive. Stolen bicycles are an everyday occurrence in Uppsala and as (37) _____ as news comes in of yet (38) _____ missing bicycle, Harde gets in touch (39) _____ his team of young detectives and sends (40) _____ out on the trail of the bicycle thieves. The children manage (41) _____ find and bring back about three bicycles a week

Part 4 (20 minutes)
Maximum points – 14
Writing

Read the beginning of the story and think about your ending. Write not less than 150 words.

The Box

I was walking down the street when I saw a small wooden box by the road. Suddenly I heard a voice say: "Help! Let me out of here!" To my surprise, the voice was coming from the box...

ANSWER SHEET

Listening

Reading

Use of English

Ite m	Answer		
1	a)	b)	
2	a)	b)	
3	a)	b)	
4	a)	b)	
5	a)	b)	
6	a)	b)	
7	a)	b)	
8	a)	b)	
9	A	B	C
10	A	B	C
11	A	B	C
12	A	B	C
13	A	B	C

Item	Answer			
14				
15				
16				
17				
18				
19				
20	A	B	C	D
21	A	B	C	D
22	A	B	C	D
23	A	B	C	D
24	A	B	C	D
25	A	B	C	D
26	A	B	C	D

Item	Answer
27	
28	
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41	

Writing

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

