



PRYWATNE  
Liceum Ogólnokształcące  
Zaoczne dla Dorosłych

.....  
Imię i nazwisko

Klasa.....

# Praca kontrolna

PRZEDMIOT.....

TEMAT: .....  
.....  
.....

Nauczyciel .....

Ocena .....

Uzasadnienie oceny.....  
.....  
.....

# **PRACA KONTROLNA**

## **BIOLOGIA**

### **A7**

1. Choroby i zaburzenia genetyczne człowieka.
2. Biosynteza białek. Transkrypcja i translacja. Regulacja ekspresji genów.
3. Zmienność organizmu. Mutacje .Czynniki mutagenne.

Praca kontrolna powinna spełniać następujące wymogi:

- Pierwsza strona powinna być stroną tytułową wg określonego wzoru,
- Praca może być napisana ręcznie lub pismem komputerowym w formacie A4,
- Minimalna objętość pracy to jedna strona A4,
- Pracę należy napisać na jeden wybrany temat z 3 propozycji,
- Powinna zostać oddana w ustalonym terminie,
- Praca powinna zawierać źródła czerpania informacji (np. witryny internetowe)

# **PRACA KONTROLNA**

## **CHEMIA**

### **A7**

1. Środki czystości i kosmetyki. Rodzaje, zastosowania charakterystyka.
2. Budowa i właściwości aminokwasów.
3. Konserwacja żywności.

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# **PRACA KONTROLNA**

## **GEOGRAFIA**

**A7**

### **1. Temat pracy**

Do wyboru jeden z 3 tematów:

1. Przemiany przemysłu w Polsce.
2. Ochrona środowiska przyrodniczego w Polsce.
3. Walory turystyczne Polski.

### **2. Informacje podstawowe**

Pracę piszemy:

- czcionką Time New Roman 12;
- interlinia 1,5;
- tekst wyjustowany;
- marginesy 2,5;
- objętość minimum 2 strony A4.
- strona tytułowa powinna zawierać: imię i nazwisko ucznia, klasę, temat pracy.

# PRACA KONTROLNA SEMESTR VII

## KLASA A7

1. Oblicz  $V$  graniastosłupa prawidłowego trójkątnego o krawędzi podstawy  $a = 6\text{cm}$  i przekątnej ściany bocznej równej  $10\text{cm}$ .
2. Oblicz  $P_c$  ostrosłupa prawidłowego czworokątnego, w którym ściana boczna jest nachylona do płaszczyzny podstawy pod kątem  $\alpha = 60^\circ$  oraz wysokość ostrosłupa wynosi  $h = 8\text{cm}$ .
3. Rzucamy trzy razy monetą. Oblicz prawdopodobieństwa zdarzeń:  
A – orzeł wypadł dokładnie raz  
B- reszka wypadła co najwyżej jeden raz
4. Rzucamy dwa razy kostką. Oblicz prawdopodobieństwa zdarzeń:  
A – suma wyrzuconych oczek jest równa 6  
B – za drugim razem wypadła trójka  
C – iloczyn wyrzuconych oczek jest równy 4.
5.  $P(A) = 0,3$   $P(B') = \frac{1}{2}$   $P(A \cap B) = 0,1$  Oblicz :  $P(A')$ ,  $P(B)$ ,  $P(A \cup B)$
6. Ile jest wszystkich liczb naturalnych dwucyfrowych, w których obie cyfry są parzyste?

Opracowała : Dorota Dorożyńska

Termin oddania prac: do 11 grudnia 2022r.

**JĘZYK POLSKI**  
**TEMATY PRAC KONTROLNYCH**  
**A7**

1. Omów wpływ wojny na psychikę ludzką i moralność, wykorzystując przykłady z twórczości Tadeusza Borowskiego oraz Gustawa Herlinga - Grudzińskiego.
2. Walka o zachowanie ludzkiej godności w świetle reportażu Hanny Krall "Zdażyć przed Panem Bogiem.
3. "Człowiek wobec zła. "Ukaż postawy ludzkie wykorzystując poglądy egzystencjalne Alberta Camusa w powieści "Dżuma. "

Wypracowanie powinno składać się ze wstępu, rozwinięcia i zakończenia wraz z wnioskami.

Praca nie może być krótsza niż 250 słów.

Do opracowania wybieramy tylko jeden temat spośród 3 zaproponowanych.

## Grammar and Vocabulary

Complete the sentences with the correct answers.

- 1 \_\_\_\_\_ you interested in sport?  
A Be B Am C Is D Are
- 2 My \_\_\_\_\_ is a writer and his books are very popular.  
A aunt B uncle C sister D mother
- 3 We live in the city centre and our house \_\_\_\_\_ have a big garden.  
A doesn't B isn't C aren't D don't
- 4 There \_\_\_\_\_ a lot of people outside the school. What's the problem?  
A are B is C be D am
- 5 Cathy \_\_\_\_\_ a game on her computer at the moment.  
A plays B is playing C to play D play
- 6 Paul is very \_\_\_\_\_. He doesn't go out a lot.  
A kind B confident C angry D shy
- 7 \_\_\_\_\_ you like to come out with us tonight?  
A Do B Would C Are D Will
- 8 Dad's \_\_\_\_\_ work right now. He's a teacher.  
A on B at C for D by
- 9 Did you \_\_\_\_\_ shopping after school yesterday?  
A went B goed C going D go
- 10 There wasn't \_\_\_\_\_ milk for breakfast this morning so I had toast and orange juice.  
A a B some C the D any
- 11 I \_\_\_\_\_ five emails before school today.  
A sent B sended C did send D was send
- 12 Turn \_\_\_\_\_ and you'll see the museum on the left.  
A on the right B rightly  
C by the right D right
- 13 The beach was very crowded \_\_\_\_\_ Monday.  
A in B on C at D to
- 14 I \_\_\_\_\_ the new Batman film yet. Is it any good?  
A haven't seen B didn't see  
C don't see D am not seen
- 15 Tom got the \_\_\_\_\_ marks in the class for his homework.  
A worse B worst C baddest D most bad
- 16 You \_\_\_\_\_ eat all that cake! It isn't good for you.  
A do not B may not C should not  
D will not
- 17 How \_\_\_\_\_ time have we got to do this exercise?  
A long B many C much D quick
- 18 Don't forget to get \_\_\_\_\_ the bus at Station Road.  
A out B off C over D down
- 19 Our teacher speaks English to us \_\_\_\_\_ so that we can understand her.  
A slow B slower C more slow D slowly
- 20 My sister \_\_\_\_\_ speak French when she was only six years old.  
A was B should C could D had
- 21 I really enjoy \_\_\_\_\_ new languages and I'd like to learn Italian soon.  
A to learn B learning C learn D learned
- 22 My father has been a pilot \_\_\_\_\_ twenty years and he still loves his job.  
A since B for C until D by
- 23 Quick – get the food inside! It \_\_\_\_\_ any moment.  
A rains B is raining C is going to rain  
D can rain
- 24 Sam asked me if I \_\_\_\_\_ a lift home after the concert.  
A had wanted B wanted  
C would want D want
- 25 Which train \_\_\_\_\_ for when I saw you on the platform on Sunday?  
A did you wait B were you waiting  
C have you waited D are you waiting
- 26 I \_\_\_\_\_ not be home this evening. Phone me on my mobile.  
A can B could C may D should
- 27 I hope you \_\_\_\_\_ a good time at the moment in Greece! Phone soon.  
A are having B have C have had D had

## Reading

Read the text.

# An unusual job!

Have you seen a football match recently? If you have, I'm sure that you heard lots of comments about the referee as well as about the players! Referees have a very difficult job. They have to make quick and important decisions in the middle of a fast-moving game. And, of course, there are thousands of people shouting at them too. The crowd is never happy when the ref sends off their favourite player. Also, in football today, there still isn't the same technology as there is in other sports, like tennis. The job can get even more difficult when you're a woman who is refereeing a men's match!

There is no reason why there should not be the same number of male and female referees in the sport today. However, the number of female refs is still very low – particularly at the highest levels of professional football. This is something that one woman, Pat Dunn, who died in 1999, would have been very sad about.

Pat was the first woman in the UK to referee a men's football match, but she wasn't allowed to do this for a long time. Pat was a strong supporter of women's rights in sport and became President of the Ladies' Football Association in 1969. Then she decided to train to be a referee. For a long time the Football Association refused to give her a certificate, although she had passed the exams. But Pat continued fighting and she finally got permission in 1976. The next month she became famous when she refereed her first official FA game. Pat became a very good and successful referee and even saved a footballer's life. She helped him when he was injured during a match!

Today there are some famous female referees, like Bibiana Steinhaus from Germany who has just refereed the final of the Women's Football World Cup. Bibiana decided to become a referee at the age of 16 and later was the first female referee in the German men's professional league. But there are only a few like her.

Football is still mainly a men's game – both for players and referees. But for how long? Will we see more women referees in the future? We'd like to know what YOU think. So, please go online and leave a comment on our website. We'll print the most interesting ones in the magazine next week.

### 1 Are the sentences true or false?

- 1 The article is from a magazine. \_\_\_\_
- 2 The writer says that women are better referees than men. \_\_\_\_
- 3 Pat Dunn is still alive today. \_\_\_\_
- 4 Pat didn't get her referee certificate immediately. \_\_\_\_
- 5 Bibiana Steinhaus played in a football final. \_\_\_\_

### 2 Choose the best answers.

- 1 Referees have a difficult job because...
  - A they need to run fast.
  - B the players shout at them.
  - C they have to think quickly.
- 2 In the sport of tennis...
  - A they use more technology.
  - B there are more women players.
  - C there are bigger crowds.
- 3 Who was Pat Dunn?
  - A A woman football player.
  - B A nurse at football matches.
  - C An important member of the Ladies' Football Association.
- 4 When was the first female referee in the UK appointed?
  - A 1969
  - B 1976
  - C 1999
- 5 Bibiana Steinhaus...
  - A wanted to be a referee when she was a teenager.
  - B recently refereed a men's football final.
  - C plays in the top women's league.

Mark: \_\_\_\_ /10

## Writing

Imagine you visited your capital city on a day trip. Write an e-mail to your friend telling him/her about the day. Include information about the journey there, the people you went with, what you did and what you bought.

Mark: \_\_\_\_ /10

Total: \_\_\_\_ /70



# Tematy prac kontrolnych

Historia

semestr jesienny

2022/2023

(wybieramy jeden temat, minimum 1,5 kartki A4 )

A 7

1. Wojna obronna Polski 1939 r.
2. Okupacja niemiecka na ziemiach polskich.
3. Okupacja sowiecka na ziemiach polskich.
4. Działania wojenne w Europie w czasie II wojny światowej.

Prowadzący zajęcia:

Jarosław Dywizjusz

# FIZYKA

Praca kontrolna –A7

Wykonaj wszystkie zadania zgodnie z poleceniami

1. Opisz trzy sposoby wykorzystywania zjawiska promieniowania w życiu codziennym
2. Omów przebieg doświadczenia Rutherforda oraz jego znaczenie w nauce
3. Opisz ewolucję Słońca (etapy jego życia jako gwiazdy)
4. Czym charakteryzuje się promieniowanie  $\alpha$ ?
5. Wymień trzy argumenty za stosowaniem energetyki jądrowej.
6. Oblicz deficyt masy jądra węgla  $^{12}_6\text{C}$