TEST GRILĂ LA LIMBA ENGLEZĂ
PROFILUL SUBOFIȚERI

VARIANTA NR. 2

A. PARTEA I: CITIT

Choose the correct answer a, b, c or d.

Tennis is not a difficult game to play and you do not need a lot of equipment to play it. There must be two or four players. Each player should have a comfortable tennis racket. The players will also need some tennis balls. Of course, it is necessary to have a tennis court.

1. What is the main idea?
a. Players need tennis rackets.
b. Players need a court, rackets and tennis balls
c. You play tennis on a tennis court.
d. Two players will need two rackets to play this game.

Karen is a flight attendant on a large airline. She says she enjoys her job for several reasons. She likes meeting new people every day. She likes to travel and she really enjoys traveling by plane. As a flight attendant, she receives tickets for free flights so she can take small vacations to many different places. Karen says that the best part of her job is her schedule because she often has a great deal of free time.

2. What is the main idea?
a. Flight attendants must enjoy traveling by plane
b. Karen likes her work schedule very much.
c. Flight attendants meet many new people every day.
d. Karen enjoys her job for several good reasons.

You must know that, in tennis, a player needs four points to win a game. These points are called 15, 30, 40 and game point. Four points wins a game and six games wins a set. A tennis match goes on until one player wins two of three sets or sometimes three out of five.

3. What is the main idea?
a. The scoring system in tennis is a little difficult to understand.
b. In tennis, there a re only two players at one time.
c. Twenty-four points equals one set.
d. A set in tennis is usually longer than a game or a match.

Bad weather comes in many different forms. One kind of bad weather is the tornado. It is one of the must destructive of all the storms that we have on the earth.

A tornado is a long cloud which comes down from the sky. It is shaped like a funnel and consists of wind turns around and around extremely fast. In fact, the wind can reach a speed of more than nine hundred kilometers per hour. Weather scientists don't know exactly when a tornado will happen. The tornado is not usually very big and it does not last long.

There are about two hundred tornadoes annually in the United States but in some years there are many more.

4. The word "annually" means....

a. very dangerous
b. every year
c. in a slow way
d. a strong storm

5. The annual number of tornadoes in the Unites States is about...
a. 100
b. 900
c. 200
d. 2000

My name is Lisa. I'm 25 years old and I'm from Manchester.

I'm a journalist on a local newspaper, which means I write stories about local issues and sometimes I interview politicians. I like my job but I want to work on a national newspaper one day. That's because I want to have the opportunity to work abroad.

I have a small group of friends who I met long ago. I even went to school with some of them. We usually go out to parties, nightclubs and restaurants. I also like cooking, and I make great pasta! I'm not very sporty, but I like to keep fit. I go running two times a week and I sometimes go to the gym at weekends. I eat lots of fruit and vegetables and I try not to eat red meat or drink too much coffee.

6. In her job, Lisa has to...
a. run a lot
b. travel to other countries
c. interview politicians abroad
d. write about politics

7.Lisa met all her friends...
a. a long time ago
b. at work
c. at a party
d. at school

8. Lisa does exercise...
a. rarely
b. more than one time per week
c. every weekend
d. every day

9. Lisa doesn't often eat ...
a. vegetables
b. red meat
c. tea
d. coffee

Sudan is a large nation in the northeastern part of Africa. It has about sixteen million people. It is bordered by Egypt, Libya, Chad, the Central Africa Empire, Zaire, Uganda, Kenya, and Ethiopia. It also has a short coastline along the Red Sea. Some northern areas of the country have deserts while the southern part has tropical rain forests.

The capital city is Khartoum. At Khartoum the Blue Nile and the White Nile come together to form the Nile River, which is the world's longest river system. Khartoum has about 200 thousand people.

There are two groups of people who live in Sudan. In the northern and central parts o the country there are many Arabic-speaking Muslims. They make up about two-thirds of the total population. In the southern area, there are groups of people who speak African languages.

The northern and southern regions also have different histories. People in the south lived by themselves for many years. However, the northern area was controlled by foreigners for

several centuries. The Egyptians, Romans, Arabs, Turks, and British all had this area under their control at one time. After World War II, Sudan became completely independent.

10. People in the southern parts speak…
a. Muslim
b. Arabic
c. African languages
d. Egyptian

11. The capital is …
a. Khartoum
b. Ethiopia
c. Zaire
d. Kenya

12. The world's longest river system is…
a. the Nile River
b. the Blue Nile
c. Khartoum
d. the White Nile

13. Who controlled the northern area of Sudan?
a. The Egyptians, Arabs, Turks, and British
b. The Egyptians, Romans, Arabs, Turks, and British
c. The Romans, Arabs, Turks, and British
d. The Egyptians, Romans, Arabs, and British

Jane likes to do a lot of things. She usually gets up early so she can run before work. She doesn't have much time to play golf, but she does this occasionally. Jane often rides her bike on Sundays. She also loves music and plays the guitar and piano. She plays in a band called "The Musicians". She likes watching TV a lot and sometimes goes to the theatre. She has a lot of friends and spends time with them.

14. What is the text about?
a. Jane's hobbies
b. Jane's home
c. Jane's friends
d. Jane's daily routine

Dear Mr. Smith,

My name is George Brown, the students' representative of the XIIth A Grade and I am writing this letter to invite you to our graduation ball.

My colleagues and I will be very honored to have you together with us. The event will take place on June 17th at 5 p.m. at the Central Restaurant.

We are looking forward to receiving an answer from you.

Yours sincerely,

George Brown

15. According to the text, George Brown…
a. accepts an invitation from Mr. Smith
b. invites Mr. Smith to a graduation ball
c. wants Mr. Smith to organize a graduation ball
d. declines an invitation from Mr. Smith

B. Partea a II-a:ELEMENTE DE GRAMATICA ŞI VOCABULAR

Choose the correct answer a, b, c or d.

16. Many...nowadays shop online.
a. women
b. womans
c. womens
d. woman

17. …. are one of the most dangerous animals.
a. Wolf
b. Wolfs
c. Wolves
d. Wolfes

18. Mary ….to Paris last weekend.
a. went
b. go
c. goes
d. will go

19. You …. wear the military uniform every day.
a. like
b. must
c. are
d. must to

20. Tom is …in our class.
a. short
b. the shorter
c. the shortest
d. the most shortest

21. We must …drive a car without a driving license.
a. maybe
b. always
c. usually
d. never

22. Tim never … coffee without milk.
a. drinking
b. drink
c. drinks
d. is drinking

23. I …. while you were watching TV.
a. am listening
b. listen to music
c. listened to music
d. was listening to music

24. Does Susan … to the gym twice a week?
a. going
b. goes
c. go

d. is going

25. … we go on a picnic next weekend?
a. Are
b. Will
c. Do
d. Does

26. He is….student in our class.
a. the best
b. better
c. good
d. gooder

27. People have breakfast in the…
a. noon
b. afternoon
c. morning
d. evening

28. Golf is a famous…in the U.K.
a. food
b. holiday
c. colour
d. sport

29. It's a quarter past ten in the morning. What time is it?
a. 15.10
b. 10.15
c. 09.45
d. 09.55

30. I….clean my house at weekends.
a. show
b. ago
c. on time
d. always

31. Orange is a …
a. vegetable
b. sport
c. fruit
d. a kind of meat

32. My daughter is sick. I have to give her some…
a. medicine
b. stories
c. sleep
d. sweets

33. It's a …day today. Let's go for a walk!
a. nice
b. weather
c. film
d. theater

34. You need a …. to eat soup.
a. fork
b. spoon
c. knife
d. pencil

35. It's half past ten in the evening. What time is it?
a. 10.20
b. 10.00
c. 10.15
d. 10.30

C. Partea III-a: SCRIS

36. Choose the correct sentence.
a. Can you tell me how to find the lab?
b. Can you the lab how to find me?
c. Can you tell me the lab how to find?
d. Can you how to find the lab tell me?

37. Choose the correct sentence.
a. Customs different have countries different.
b. Countries different have different customs.
c. Different countries have different customs.
d. Different countries different customs have.

38. Choose the most appropriate line to begin a formal letter.
a. Dear Mr. Black,
b. Mr. Black,
c. Sir Black,
d. Dear Sir Black,

39. Which is the best way to end a formal letter?
a. Best wishes, Charles
b. Take care, Peter
c. Write soon, Tim
d. Best wishes, Charles Smith

40. Which is the best way to end an informal letter?
a. Love, Mr. Alberto Tomba
b. Yours sincerely, Justin Bieber
c. Love, Christina
d. Yours faithfully, Jessica Lange

41. Which is the correct sentence?
a. Do you know where Picasso was born?
b. Do you know where was Picasso born?
c. Do you know where Picasso born was?
d. Know you do where Picasso born was?

42. Which is the correct order?
a. Forward to meeting you soon looking am I..
b. Forward to meeting you soon I am looking.
c. I am looking forward to meeting you soon
d. Looking forward to meting you soon I am.

43. An informal letter starts with…
a. Dear James,
b. Dear Mr. James,
c. Dear Madam,
d. Dear Sir,

44. A formal letter ends with…
a. I love you…
b. Love,..
c. Kiss and hugs, …
d. Yours faithfully, …

45. Choose the correct sentence.
a. To play football I like.
b. Like to play football I.
c. I to play football like.
d. I like to play football.

GRILA DE CORECTARE
LA "LA LIMBA ENGLEZĂ"
PROFILUL SUBOFIȚERI

VARIANTA NR. 2

Nr. item	Răspuns	Nr. item	Răspuns
1.	b	26.	a
2.	d	27.	c
3.	a	28.	d
4.	b	29.	b
5.	c	30.	d
6.	d	31.	c
7.	a	32.	a
8.	b	33.	a
9.	b	34.	b
10.	c	35.	d
11.	a	36.	a
12.	a	37.	c
13.	b	38.	a
14.	a	39.	d
15.	b	40.	c
16.	a	41.	a
17.	c	42.	c
18.	a	43.	a
19.	b	44.	d
20.	c	45.	d
21.	d		
22.	c		
23.	d		
24.	c		
25.	b		

TEST GRILĂ LA MATEMATICĂ ȘI FIZICĂ
- PROFILUL SUBOFIȚERI-
VARIANTA NR. 2

1. Valoarea epresiei E(x)= $\left(x + \sqrt{2}\right)^2 - 8$ este:

   a. $E(x) = -x^2 + \sqrt{2}x + 6$

   b. $E(x) = x^2 + \sqrt{2}x - 6$

   c. $E(x) = -x^2 + 2\sqrt{2}x + 6$

   d. $E(x) = x^2 + 2\sqrt{2}x - 6$

2. Soluția ecuației $(x + 2) = -3$ este:

   a. $x = -9$

   b. $x = 5$

   c. $x = -5$

   d. $x = 9$

3. Soluția ecuației $\log_3(x + 4) = 1$ este:

   a. $x = -3$

   b. $x = -1$

   c. $x = 1$

   d. $x = 3$

4. Valoarea expresiei E= $\sqrt[3]{3^6 \cdot 2^3}$ este:

   a. $E = 12$

   b. $E = 24$

   c. $E = 18$

   d. $E = 27$

5. Numărul complex z= (3-i)+(4-5i) este de forma:

   a. z = 1 - 6i

   b. z = 7 + 6i

   c. z = 7 - 6i

   d. z = 1 + 6i

6. Fie matricea $A = \begin{pmatrix} 3 & -1 & 2 \\ 1 & 4 & 5 \\ -2 & -1 & -1 \end{pmatrix}$. Determinantul asociat matricei are valoarea:

   a. det A = 28

   b. det A = 26

   c. det A = 16

   d. det A = 32

7. Se dau punctele A(3, 1) și B(4,-1). Ecuația dreptei prin cele două puncte are expresia:

   a. $y = -2x + 7$

   b. $2y = -2x + 7$

   c. $-y = -2x + 7$

   d. $2y = 2x - 7$

8. Valoarea expresiei E= $\sqrt{4(\sin^2 x + \cos^2 x)} - 4$ este:

   a. E = - 4

   b. E = 2

   c. E = 0

   d. E = - 2

9. Valoarea expresiei A_6^2 este:

   a. $A_6^2 = 36$

   b. $A_6^2 = 30$

   c. $A_6^2 = 20$

   d. $A_6^2 = 42$

10. Un mobil parcurge prima jumătate din distanță cu viteza constantă v_1, iar restul cu o viteză constantă $v_2 = 60\,km/h$. Știind că viteza medie a mobilului este $v_m = 48\,km/h$, viteza v_1 este:

   a. $20\,km/h$

   b. $30\,km/h$

   c. $40\,km/h$

   d. $50\,km/h$

11. Un avion se deplasează cu acceerația $a = 10\,m/s^2$. Forța cu care pilotul cu masa de $80kg$ apasă pe speteaza scaunului este:

    a. 80 N   c. 8 kN

    b. 800 N   d. 80 kN

12. Un copil cu masa $m = 30kg$ stă aşezat pe scaun într-un autobuz care se deplasează cu viteza $v = 54\,km/h$. Energia cinetică a copilului în raport cu ceilalți pasageri este:

    a. $0J$ c. $3375J$

    b. $-20J$ d. $-30J$

13. Valoarea lucrului mecanic efectuat pentru a ridica un corp cu masa $m = 2kg$, cu viteza constantă la înălțimea de $h = 1m$ este (se va lua în calcul g=$10\,m/s^2$):

    a. $1J$ c. $20J$

    b. $200J$ d. $10J$

14. Rezistența echivalentă a circuitului serie format din două rezistoare cu valorile $R_1 = 5\,\Omega$ şi $R_2 = 2\,\Omega$ este:

    a. R = 9 Ω c. R = 7 Ω

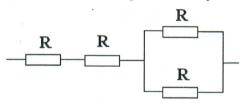   b. R = 5 Ω d. R = 3 Ω

15. Intensitatea curentului electric printr-un rezistor R = 3 Ω, la bornele căruia se măsoară o tensiune U= 9 V, este:

    a. I = 2 A   c. I = 3 A

    b. I = 1 A   d. I = 6 A

16. Rezistența echivalentă a circuitului din figura de mai jos este:

    a. $R_e = \dfrac{R}{2}$ c. $R_e = \dfrac{7R}{2}$

    b. $R_e = \dfrac{5R}{2}$ d. $R_e = \dfrac{3R}{2}$

17. Puterea disipată pe un rezistor R= 4 Ω parcurs de un curent cu intensitatea I= 3A este:

    a. P = 16 W   c. P = 36 W

    b. P = 12 W   d. P = 42 W

18. Rezistența echivalentă a circuitului paralel format din rezistoarele R_1 şi R_2 este:

    a. $R_e = \dfrac{R_1 \cdot R_2}{R_1 - R_2}$ c. $R_e = \dfrac{R_1 + R_2}{R_1 - R_2}$

    b. $R_e = \dfrac{R_1 + R_2}{R_1 \cdot R_2}$ d. $R_e = \dfrac{R_1 \cdot R_2}{R_1 + R_2}$

GRILA DE CORECTARE LA MATEMATICĂ ŞI FIZICĂ
- PROFILUL SUBOFIŢERI -
VARIANTA NR. 2

Nr. Item	Răspuns
1.	d
2.	c
3.	b
4.	c
5.	c
6.	b
7.	a
8.	d
9.	b
10.	c
11.	b
12.	a
13.	c
14.	c
15.	c
16.	b
17.	c
18.	d