SUBIECTELE PROBELOR ŞI BAREMELE DE CORECTARE ŞI NOTARE

PROFILUL SUBOFIŢERI

I. TEST GRILĂ
DE EVALUARE A CUNOȘTINȚELOR
LA INSTRUCȚIE MILITARĂ DE BAZĂ

Subiectele de la această disciplină se vor putea obține de la următoarea adresă: Cpt.cdor Mititelu Corneliu, telefon 0238719107, int.186/198.

II. SUBIECTE
TEST GRILĂ LA LIMBA ENGLEZĂ
VARIANTA II

PARTEA I: CITIT

Five minutes from the Eiffel Tower, the Ramada Paris Tour Eiffel is a modern hotel in the residential 15th Arrondissement. Rooms are spacious and include Wi-Fi internet access.

Rooms are equipped with modern facilities and present elegant living spaces. All bedrooms have new beds, and some rooms have a stunning view to the Eiffel Tower.

The buffet breakfast is served daily in the breakfast room and room service is available upon request. In the summertime, breakfast can be served in the lovely courtyard.

With a meeting room for up to 15 people and a business centre fitted with Wi-Fi access, the business travelers have not been forgotten either.

The Ramada Paris Tour Eiffel boasts a central location on the lively Boulevard de Grenelle and offers easy access to the entire city via the nearby public transport network.

1. The text informs us about:
   a) The Ramada Paris Tour Eiffel Hotel
   b) The Intercontinental Hotel
   c) The Paradise Hotel
   d) The Beach Hotel

2. What kind of Hotel is the Ramada Paris Tour Eiffel?
   a) an old one
   b) a modern one
   c) a huge one
   d) a small one

3. Where is the hotel situated?
   a) in the residential 20th Arrondissement
   b) in the residential 25th Arrondissement
   c) in the residential 30th Arrondissement
   d) in the residential 15th Arrondissement

4. What are rooms equiped with?
   a) modern facilities and present elegant living spaces
   b) teddy bears
   c) stunning view to the Eiffel Tower
   d) fire place

5. Where is the buffet breakfast served daily?
   a) in the dinning room
   b) in the bedroom
   c) in the hall
   d) in the breakfast room

6. Where is the breakfast served in the summertime?
   a) in the ugly courtyard
   b) in the bedroom
   c) in the lovely courtyard
   d) in the hall

7. How many people can the meeting room hold?
   a) up to 17
   b) up to 15
   c) up to 20
   d) up to 50

8. What does the business centre have?
   a) TV access
   b) many people
   c) radio access
   d) Wi-Fi access

9. Where is the central location of the hotel?
   a) on the Unirii Boulevard
   b) on the Montmartre Boulevard
   c) on the Magheru Boulevard
   d) on the lively Boulevard de Grenelle

Meals in United Kingdom

Some people have their biggest meal in the middle of the day and some have it in the evening, but most people today have a small mid-day meal - usually sandwiches, and perhaps some crisps and some fruit.

The British have three main meals a day:

- **Breakfast** - between 7:00 and 9:00,
- **Lunch** - between 12:00 and 1:30 p.m.
- **Dinner** (sometimes called Supper) - the main meal. Eaten anytime between 6:30 and 8:00 p.m. (Evening meal)

On Sundays the main meal of the day is often eaten at midday instead of in the evening. This meal usually is a Roast Dinner consisting of a roast meat, Yorkshire pudding and two kinds of vegetables.

10. The text gives us information about:
   a) the three main sports in United Kingdom
   b) the three main boulevards in United Kingdom
   c) the three main meals in United Kingdom
   d) the three main shopping centres in United Kingdom

11. How many meals a day have the British?
   a) three
   b) four
   c) two
   d) eleven

12. What are the main meals of the British?
   a) breakfast, lunch and dinner
   b) lunch and dinner
   c) lunch and breakfast
   d) breakfast and lunch

13. How is dinner sometimes called?
   a) breakfast
   b) lunch
   c) supper
   d) dinner

14. When can the British have breakfast?
   a) between 9.00 and 10.00
   b) between 11.00 and 12.00
   c) between 8.00 and 10.00
   d) between 7.00 and 9.00

15. What do the British usually eat on Sundays?
   a) roost meat and Yorkshire pudding
   b) Yorkshire pudding and vegetables
   c) roast meat, Yorkshire pudding and two kinds of vegetables
   d) only Yorkshire pudding

PARTEA A II – A: GRAMATICĂ ŞI VOCABULAR

16. Did you ...… to the mall yesterday?
    a) went
    b) go
    c) going
    d) gone

17. I .... problems with my computer a day ago.
    a) have
    b) had
    c) having
    d) will have

18. Tom .... to the mountains tomorrow.
    a) go
    b) going
    c) went
    d) will go

19. She …………… coffee every morning.
    a) drink
    b) drunk
    c) drank
    d) drinks

20. What .... your name?
    a) are
    b) were
    c) is
    d) must

21. You are a soldier. You must wear .... uniform.
    a) a
    b) an
    c) three
    d) many

22. The plane goes .... than the train.
    a) fast
    b) faster
    c) fastest
    d) fasting

23. Soldiers .... salute the flag.
   a) must not
   b) must
   c) have
   d) are

24. ……………. are small animals.
   a) Mice
   b) Mouses
   c) Mouse
   d) Mices

25. George .... football now.
   a) plays
   b) play
   c) is playing
   d) played

26. Mary likes oranges. They are tasty ....
   a) vegetables
   b) sports
   c) feelings
   d) fruits

27. She doesn`t have a car, so she uses public ………….. .
   a) car
   b) spaceship
   c) transport
   d) taxi

28. Nice to .... you Mrs. Williams.
   a) meet
   b) speak
   c) talk
   d) watch

29. My mother buys carrots every week. Carrots are:
   a) fruits
   b) sports
   c) vegetables
   d) cars

30. It`s half past seven a.m. It`s ………. .
   a) 7.00
   b) 7.45
   c) 7.30
   d) 7.25

31. Pink and green are nice ....
   a) sports
   b) colours
   c) fruits
   d) vegetables

32. What is the second month of the year?
   a) February
   b) January
   c) December
   d) March

33. The sun is shinning. It is ………..
   a) a foggy day
   b) a cloudy day
   c) a shiny day
   d) a windy day

34. Dacia is a brand of a Romanian ………..
   a) car
   b) plane
   c) tractor
   d) train

35. Today is Sunday. What day is tomorrow?
   a) Tuesday
   b) Wednesday
   c) Friday
   d) Monday

PARTEA A III – A: SCRIS

36. Which is the correct order:
   a) Every day you do buy water?
   b) Do you every day buy water?
   c) Do you buy water every day?
   d) You do buy every day water?

37. How do you begin a formal letter?
   a) Mr. Smith,
   b) Dear Sir,
   c) Dear Sir Smith,
   d) Dear Smith,

38. Choose the most appropriate line to finish a formal letter:
   a) Yours, John
   b) Goodbye,

c) With respect,
d) Respectfully yours,

39. Choose the most appropriate line to make a formal invitation:
    a) Do you want to go to the Art Gallery tonight?
    b) Would you like to go to the Art Gallery tonight?
    c) Go to the Art Gallery tonight!
    d) Do you feel like going to the Art Gallery tonight?

40. Choose the most suitable line to finish an informal letter:
    a) Love and kisses,
    b) Lovely,
    c) Yours faithfully,
    d) Sincerely yours,

41. Which is the most logical sentence:
    a) I hate pop music and I would like to go to pop concerts.
    b) I hate pop music and I like pop concerts.
    c) I hate pop music and I don`t go to pop concerts.
    d) I hate pop music and I often go to pop concerts.

42. A letter is made of:
    a) only an ending
    b) an introduction and an ending
    c) an introduction and a body
    d) an introduction, a body and an ending

43. Which is the correct sentence:
    a) Now am I football playing.
    b) I am playing football now.
    c) Playing football I am now.
    d) Football now I am playing.

44. How do you begin an informal letter?
    a) Dear Sir,
    b) Dear Madam,
    c) Dear Mr/Mrs,
    d) Dear John/ Mary,

45. Which is the correct order:
    a) Is Mary wife my.
    b) Wife Mary is my.
    c) Mary is my wife.
    d) My Mary is wife.

Punctaj acordat: Câte 0,2 puncte pentru fiecare răspuns corect (0,2 puncte x 45 întrebări = 9 puncte).
Nota se calculează adăugând un punct din oficiu la punctajul obținut.

GRILA DE CORECTARE LIMBA ENGLEZĂ
VARIANTA II

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

III. TEST GRILĂ
DE VERIFICARE A CUNOȘTINȚELOR LA MATEMATICĂ ȘI FIZICĂ

VARIANTA NR. 2

1. Să se introducă factorul sub radical $3\sqrt{2}$.

    a) $\sqrt{6}$ b) $\sqrt{18}$

    c) $\sqrt{12}$ d) $\sqrt{5}$

2. Să se scoată factorul de sub radical $\sqrt{16}$.

    a) $8\sqrt{2}$ b) $2\sqrt{2}$

    c) $4\sqrt{2}$ d) 4

3. Comparați numerele a și b în următorul caz: $a = 9^2$, $b = 3^5$.

    a) $a > b$ b) $a < b$

    c) $a = b$ d) $a = b + 6$

4. Plecând de la definiția logaritmului unui număr, determinați x: $\log_4 x = -\dfrac{1}{2}$.

    a) $x = -4$ b) $x = 4^{-\frac{1}{2}}$

    c) $x = 2^{-\frac{1}{4}}$ d) $x = 0$

5. Să se rezolve ecuația $2^x = 16$.

    a) $x = 3$ b) $x = 8$

    c) $x = 4$ d) $x = 5$

6. Fie polinoamele $P(x) = x + 2$ și $Q(x) = x + 1$, calculați: $P(x) \cdot Q(x)$.

    a) $x^2 + 3x + 2$ b) $x^2 + 3$

    c) $x^2 + 2$ d) $2x + 3$

7. Fie polinomul $P(x) = 2x^3 + x^2 + 1$, calculați $P(1)$.

    a) 6   b) 9

    c) 4   d) 5

8. Să se rezolve ecuația $x^2 - 2x - 3 = 0$.

    a) $x_1 = 1; x_2 = -3$ b) $x_1 = -1; x_2 = 3$

    c) $x_1 = -3; x_2 = -1$ d) $x_1 = 1; x_2 = -2$

9. Fie triunghiul Δ ABC având laturile AB=6, BC=9 și CA=4, să se calculeze perimetrul acestuia.

    a) 19   b) 27

    c) 12   d)18

10. Curentul electric se definește ca fiind:

    a) orice mișcare ordonată a sarcinii electrice;
    b) un ansamblu format din generator electric și conductori de legătură;
    c) un ansamblu format din mai multe rezistoare;
    d) un proces de separare a substanțelor ionice în soluție, în ioni pozitivi și negativi.

11. Rezistența electrică a unui conductor filiform de lungime l, secțiune S și rezistivitate ρ se calculează cu relația:

    a) $R = \dfrac{l}{S}$ b) $R = \rho \cdot \dfrac{l}{S}$

    c) $R = \tau \cdot \dfrac{l}{S}$ d) $R = \beta \cdot \dfrac{l}{S}$

12. Puterea electrică este dată de relația:

a) $P = \dfrac{Q}{t}$

b) $P = I \cdot R$

c) $P = U \cdot t$

d) $P = U \cdot I$

13. Să se calculeze tensiunea electrică la bornele unui rezistor cu rezistența $R = 10\Omega$ prin care trece un curent electric I=1A.

a) U=0,1V

b) U=10V

c) U=1V

d) U=12V

14. Un circuit electric cuprinde o sursă de tensiune electromotoare cu $E = 12V$ având rezistența internă $r = 2\Omega$ legată în serie cu rezistorul $R = 2\Omega$. Calculați intensitatea curentului electric prin rezistorul R.

a) 12A

b) 6A

c) 3A

d) 4A

15. Unitatea de măsură în sistemul internațional $[S.I.]$ pentru rezistența electrică, este:

a) Ohm;
b) Amper;
c) Watt;
d) Candela.

16. Greutatea unui corp reprezintă:

a) forța cu care acesta are în mişcare o viteză constantă şi se exprimă prin relația $\vec{G} = m \cdot \vec{v}$;
b) forța cu care acesta este accelerat pe orizontală şi se exprimă prin relația $\vec{G} = m \cdot \vec{a}$;
c) forța cu care acesta se deplasează accelerat pe verticală şi se exprimă prin relația $\vec{G} = m \cdot \vec{h}$;
d) forța cu care acesta este atras de Pământ şi se exprimă prin relația $\vec{G} = m \cdot \vec{g}$.

17. Unitatea de măsură în sistemul internațional $[S.I.]$ pentru timp, este:

a) Litru;
b) Hertz;
c) Decibell;
d) Secunda.

18. Asupra unui corp de masă m acționează o forță $F_1 = 10N$, imprimând o accelerație $a_1 = 2\,m/s^2$. Corpul se deplasează fără frecare. Valoarea accelerației aceluiași corp, dacă asupra lui se acționează cu o forță $F_2 = 20N$ este:

a) $a_2 = 6\,m/s^2$ b) $a_2 = 5\,m/s^2$

c) $a_2 = 4\,m/s^2$ d) $a_2 = 8\,m/s^2$

GRILA DE CORECTARE
TEST GRILĂ
DE VERIFICARE A CUNOȘTINȚELOR LA MATEMATICĂ ȘI FIZICĂ

VARIANTA NR. 2

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