PHÒNG GD \& ĐT QUẬN LONG BIÊN
TRUỜNG THCS THANH AM

ĐỀ ÔN TÂP HÈ
MÔN TOÁN 8
ĐỀ SỐ 2

Bài 1: (1,5 điểm). Cho đơn thức: $A=\left(\frac{1}{5} x^{2} y^{3}\right) \cdot\left(6 x^{3} y\right)$
a) Thu gọn đơn thức A .
b) Xác định phần hệ số, phần biến và bậc của đơn thức A .

Bài 2: $\left(\mathbf{2 , 5}\right.$ điểm). Cho hai đa thức $M(x)=3 x^{2}-5 x+2$

$$
\text { và } N(x)=7 x^{2}+x^{3}-2 x-4 x^{2}+1-x^{3}
$$

a) Tính giá trị của đa thức $M(x)$ khi $x=3$
b) Thu gọn và sắp xếp đa thức $N(x)$ theo lũy thừa giảm dần của biến.
c) Tính $M(x)+N(x)$ và $M(x)-N(x)$.

Bài 3: (2 điểm). Tìm nghiệm của các đa thức sau:
a) $6 x-18$
b) $\left(x^{2}+4 x\right)+\left(6-x^{2}+2 x\right)$
c) $(4 x+7)\left(2 x^{2}+32\right)$
d) $x^{2}+8 x+15$

Bài 4: (3,5 điểm). Cho $\Delta \mathrm{ABC}$ nhọn $(\mathrm{AB}<\mathrm{AC})$, đường cao AH . Vẽ AK là tia phân giác của $\widehat{H A C}(\mathrm{~K} \in \mathrm{HC})$. Từ K , kẻ $\mathrm{KE} \perp \mathrm{AC}$ tại E .
a) Chứng minh $\triangle \mathrm{AHK}=\Delta \mathrm{AEK}$.
b) Chứng minh AK là đường trung trực của HE .
c) Qua H , kẻ $\mathrm{HI} \perp \mathrm{AC}(\mathrm{I} \in \mathrm{AC})$. Chứng minh HE là tia phân giác của $I \widehat{H C}$.
d) Trên tia đối tia AH lấy điểm M sao cho A là trung điểm của MH . Gọi D là trung điểm của đoạn thẳng BM . Đường thẳng HD cắt AB tại G .
Chứng minh $\mathrm{AB}+\mathrm{HD}>\frac{3}{2} \mathrm{BH}$.

Bài 5: ( 0,5 điểm): Cho đa thức $f(x)=a x^{2}+b x+c$ với $\mathrm{a}, \mathrm{b}, \mathrm{c}$ là các hằng số.
Biết $f(0), f(1), f(-1), f\left(-\frac{1}{2}\right)$ là các số nguyên. Chứng minh $\mathrm{a}, \mathrm{b}, \mathrm{c}$ là các số nguyên.

TRU'Ò̀NG THCS THANH AM
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## ĐỀ ÔN TẬP HÈ SỐ 2

Môn: Ngữ văn 7

## Phần I (5,0 điểm).

## Đọc đoạn văn sau và trả lời các câu hỏi:

"Dân ta có một lòng nồng nàn yêu nước. Đó là một truyền thống quý báu của ta. Tù xưa đến nay, mỗi khi Tổ quốc bị xâm lăng, thì tinh thần ấy lại sôi nổi, nó kết thành một làn sóng vô cùng mạnh mẽ, to lớn, nó luớt qua mọi sự nguy hiểm, khó khăn, nó nhấn chìm tất cả lũ bán nwớc và lũ cuớp nuớc.

Lịch sủ̉ đã có nhiều cuộc kháng chiến vĩ đại chứng tỏ tinh thần yêu nước của dân ta. Chúng ta có quyền tự hào vì nhũng trang lịch sủ̉ vẻ vang thời đại Bà Trung, Bà Triệu, Trần Hung Đạo, Lê Lội, Quang Trung... Chúng ta phải ghi nhớ công lao của các vị anh hùng dân tộc, vì các vị áy là tiêu biểu của một dân tộc anh hùng."
Câu 1: Đoạn văn trên được trích từ văn bản nào? Tác giả là ai?
Câu 2: Nội dung của đoạn văn trên.
Câu 3: Xác định trạng ngữ trong câu văn: "Từ xưa đến nay, mỗi khi Tổ quốc bị xâm lăng, thì tinh thần ấy lại sôi nổi, nó kết thành một làn sóng vô cùng mạnh mẽ, to lớn, nó lướt qua mọi sự nguy hiểm, khó khăn, nó nhấn chìm tất cả lũ bán nước và lũ cướp nước." Nêu công dụng của trạng ngữ đó trong câu.
Câu 4: Viết một đoạn văn ngắn (từ 4 đến 6 câu) trình bày suy nghĩ của em về vấn đề gợi ra từ đoạn trích trên.
Phần II (5,0 điểm).
Hãy giải thích câu tục ngữ: Lá lành đùm lá rách.

Choose the word whose underlined part is pronounced differently from the other three in each question.

1. A. laugh
B. tough
C. though
D. rough
2.A. kitchen
B. ketchup
C. chips
D. champagne
2. A. Asian
B. basketball
C. tennis
D. soldier

Choose the word which has a different stress pattern from the other three in each question.
4. A. human
B. behave
C. extinct
D. engage
5. A. surprise
B. outcome
C. result
D. success

Choose the word or phrase that best completes each sentence below.
6. My sister eats a lot of junk food so she is putting on $\qquad$ now.
A. weigh
B. weight
C. weights
D. weighing
7. Remember to apply sunscreen before you go out in the summer or you will get $\qquad$
A. sunburn
B. sunburnt
C. sunburning
D. sunburnment
8. Let's do something $\qquad$ instead of watching TV!
A. outdoors
B. outdoor
C. indoors
D. indoor
9. Playing sports like football is $\qquad$ than playing computer games.
A. healthy
B. healthiest
C. more healthy
D. healthier
10. Lan doesn't feel like $\qquad$ out today because she's a little bit sick.
A. going
B. go
C. went
D. goes
11. Children do more exercise than adults, $\qquad$ they are more active.
A. but
B. because
C. and
D. so
12. I think she is the $\qquad$ girl I have ever met.
A. most
B. good
C. better
D. best
13. I $\qquad$ Ho Chi Minh City when I was a child.
A. visit
B. have visited
C. visiting
D. visited
$\qquad$ she loves her students.
14. She works hard to improve her teaching techniques
A. although
B. so
C. and
D. because
15. I can't fasten my jeans - I'll have to $\qquad$ .
a. eat more junk food
b. go out regularly
c. see my doctor
d. go on a diet

Choose the word or phrase that is CLOSET in meaning to the underlined part in each of the following sentences.
16. If you are going out tonight, you will have to count me out.
A. excluded me
B. number me
C. persuade me
D. ask for my permission
17. He comes from a very wealthy family, so he has a lot expensive cars.
A. rich
B. traditional
C. expensive
D. normal

Choose the word or phrase that is OPPOSITE in meaning to the underlined part in each of the following sentences.
18. Although he had a lot of money, he was far from happy.
A. pleased
B. unhappy
C. relaxed
D. hard-working
19. It's up to me to decided whether I should do my homework or go out to play sports.
A. I can decide
B. I have no choice
C. I wonder
D. I am uncertain

Choose the word or phrase that best completes each sentence below.
20. Trent: "How much are those socks, please?"

Shopkeeper: " $\qquad$
A. Are you blind?
B. Read the instructions!
C. The white ones?
D. How about you?
21. Lauren: "What was Irene's party like?"

Anton: " $\qquad$ $"$
A. I didn't go to it.
B. Thanks, that's nice.
C. I'd like a big cake.
D. She was very lovely.
22. Justin: "Send me a text message tomorrow." Katie: " $\qquad$ $"$
A. I phoned you at 7.30
B. What's your number?
C. Thank you, Justin.
D. How dare you?

Choose the underlined part that needs correcting in each sentence below.
23. She took an aspirin because she wants to stop her toothache.
A
B
C
D
24. Eating junk food makes her fat and healthy.
$\begin{array}{llll}\text { A } & \text { B } & \text { C } & \text { D }\end{array}$
Read the following passage and choose the option (A,B,C or D) that best answers each of the questions below.
Canteen is a place in the school where students eat and drink. Students have to obey the rules and regulations of the canteen to keep the orderliness and cleanliness of the place. The following are some dos and don'ts in the canteen:
Dos:

- Queue up in front of the stalls to buy food.
- Carry your good with care.
- Keep the place clean and tidy.
- Put the dishes into the receptacles beside the stalls.

Don'ts:

- Don't run.
- Don't litter.
- Don't jump the queue.
(Exam target English 1, published by SAP Education)

25. What is the main purpose of the notice?
A. To show the students how tidy the canteen is.
B. To advertise the students to treasure the canteen.
C. To tell the students how they should behave in the canteen.
D. To announce that the canteen is ready to be used after renovation.
26. The school canteen is a place for students to $\qquad$ .
A. have their meals
B. skip their meals
C. play games
D. do their work
27. What should Lina do if she wants to buy noodles from a stall?
A. She should walk up to the stallholder and place her order
B. She should line up in front of the stall.
C. She should signal to the stallholder.
D. She should shout out her order.
28. The word "receptacles" means $\qquad$ .
A. sinks
B. tanks
C. dustbins
D. containers
29. Which of the following students does the wrong thing?
A. Joanathan carries his cup of hot tea carefully.
B. Joanne advises her friend not to jump the queue.
C. Sam leaves the wrapper of the cake on the table after eating.
D. Peter throws the plastic bag into the dustbins.

## Choose the word which best fits each gap.

Breakfast is the (30) $\qquad$ important meal of the day. It provides the nutrients your body needs for good health, the calories it needs for (31) $\qquad$ and helps to maintain your blood sugar level. Studies have shown that people who don't have breakfast have a low blood sugar level and are often slow, tired, hungry, and (32) $\qquad$ to concentrate. Surprisingly, breakfast actually plays a part in weight control. It's easier to (33) $\qquad$ weight if you eat in the morning rather than later in the day. Dividing the day's calories (34) $\qquad$ three meals helps take-off weight more efficiently than (35) $\qquad$ breakfast and having two larger meals a day does.

| 30. A. healthy | B. tasty | C. main | D. most |
| :--- | :--- | :--- | :--- |
| 31.A. strength | B. power | C. energy | D. effort |
| 32. A. able | B. enable | C. unable | D. capable |
| 33. A. lose | B. put | C. gain | D. drop |
| 34.A. in | B. into | C. up | D. for |
| 35 A. skipping | B. making | C. buying | D. serving |

Choose the sentence ( $A, B, C$ or $D$ ) that is closest in meaning to the root sentence or best combines the two given sentences.
36. It was very hot. He switched on the fan.
A. It was very hot, so he switched on the fan.
B. Because he switched on the fan, it was very hot.
C. It was very hot, but he switched on the fan.
D. So it was very hot, he switched on the fan.
37. You will miss the train. You must hurry.
A. You must hurry, so you will miss the train.
B. Because you must hurry, you will miss the train.
C. You must hurry, or you will miss the train.
D. Missing the train means you must hurry.
38. She had a sunburn. She didn't apply sunscreen on her body.

1. She had a sunburn or she didn't apply sunscreen on her body.
B. Although she had a sunburn, she didn't apply sunscreen on her body.
C. Because she had a sunburn, she didn't apply sunscreen on her body.
D. She had a sunburn because she didn't apply sunscreen on her body.
2. Helen has a temperature. She has a headache.
A. Although Helen has a temperature, she has a headache.
B. Helen has a temperature or a headache.
C. Helen has a temperature and a headache.
D. Helen has a temperature because she has a headache.
3. You have to get up early. You will be late for school.
A. Because you have to get up early, you won't be late for school.
B. Get up early or you will be late for school.
C. You have to get up early and you will be late for school.
D. Although you get up early, you will still be late for school.
$\qquad$
$\qquad$
