

**Bài 1 (2 điểm).** Kết quả điểm thi học kì 2 môn Toán của học sinh lớp 7A được ghi lại trong bảng tần số sau:

Điểm (x)	4	5	6	7	8	9	10	
Tần số (n)	2	4	8	12	7	5	2	N = 40

- a) Dấu hiệu điều tra là gì? Tìm một của dấu hiệu?  
 b) Tính điểm thi trung bình môn Toán của học sinh lớp 7A? (làm tròn đến chữ số thập phân thứ nhất).

**Bài 2 (1,5 điểm).** Cho đơn thức  $M = 4x^4y^2x^2y$

- a) Thu gọn đơn thức M  
 b) Xác định hệ số, phân biến, bậc của đơn thức M  
 c) Tính giá trị của đơn thức M tại  $x = 1 ; y = -2$

**Bài 3 (2,5 điểm).**

1) Cho hai đa thức  $A(x) = 3x + 5 - 4x^2 + x^3$  ;  $B(x) = -2x^3 + 5x - 7x^2 + 4$

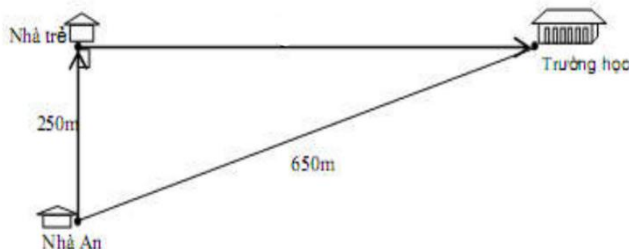
- a) Sắp xếp hai đa thức trên theo lũy thừa giảm dần của biến  
 b) Tính  $P(x) = A(x) + B(x)$  và  $Q(x) = A(x) - B(x)$

2) Tìm nghiệm của đa thức  $C(x) = 2x^2 + x$

**Bài 4 (3,5 điểm).** Cho tam giác ABC cân tại A có đường cao AM.

- a) Chứng minh  $MB = MC$   
 b) Kẻ  $MH \perp AB$  ( $H \in AB$ );  $MK \perp AC$  ( $K \in AC$ ). Chứng minh  $MH = MK$  và AM là đường trung trực của HK.  
 c) Trên tia đối tia HM lấy điểm E sao cho  $HE = HM$ , trên tia đối tia KM lấy điểm F sao cho  $KF = KM$ . Chứng minh  $\triangle AEF$  cân.  
 d) Chứng minh  $FE \parallel BC$ .

**Bài 5 (0,5 điểm).** Nhà bạn An cách trường học 650m. Hôm nay bạn An giúp mẹ đưa em bé đi nhà trẻ cách nhà 250m sau đó mới đến trường. Đường từ nhà trẻ đến trường của An vuông góc với đường từ nhà An đến nhà trẻ (xem hình). Hãy tính quãng đường hôm nay An đã đi từ nhà An đến trường học?



**Phần I (5,0 điểm).**

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

*“Khi đó, ván bài quan đã chờ rồi. Ngài xơi bát yến vừa xong, ngồi khểnh vuốt râu, rung đùi, mắt đang mãi trông đĩa nọc, bỗng nghe ngoài xa, tiếng kêu vang trời dậy đất. Mọi người đều giật nảy mình, duy quan vẫn điềm nhiên, chỉ lăm le chực người ta bốc trúng quân mình chờ mà hạ. Vì ngài sắp ù to.*

*Có người khẽ nói:*

*- Bấm, để có khi đê vỡ!*

*Ngài cau mặt, gắt rằng:*

*- Mặc kệ!*

*Rồi ngài xếp bài lại, quay gối dựa sang bên tay phải, nghiêng mình bảo thầy đê lại:*

*- Có ăn không thì bốc chứ!*

*Thầy đê vội vàng:*

*- Dạ, bấm, bốc.”*

(Ngữ văn 7, tập hai)

**Câu 1:** Đoạn văn trên trích trong văn bản nào? Tác giả là ai?

**Câu 2:** Văn bản chứa đoạn trích trên thuộc thể loại gì? Kể tên 01 văn bản trong chương trình Ngữ văn THCS có cùng thể loại với văn bản chứa đoạn trích trên, ghi rõ tên tác giả.

**Câu 3:** Nêu nội dung của đoạn văn trên.

**Câu 4:** Tìm và ghi lại các câu rút gọn có trong đoạn văn.

**Câu 5:** Nêu ý nghĩa của câu văn *“Mọi người đều giật nảy mình, duy quan vẫn điềm nhiên, chỉ lăm le chực người ta bốc trúng quân mình chờ mà hạ.”*

**Phần II (5,0 điểm).**

Hãy chứng minh tính đúng đắn của câu tục ngữ *“Ăn quả nhớ kẻ trồng cây”*.

-----Hết-----

**ĐỀ ÔN TẬP MÔN TIẾNG ANH**  
**LỚP 8 – ĐỀ 01**

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

1. A. curve                      B. stir                      C. person                      D. teacher  
2. A. number                      B. perfect                      C. termite                      D. skirt  
3. A. bird                      B. away                      C. answer                      D. neighbor

*Choose the word which has a different stress pattern from the other three in each question.*

4. A. classmate                      B. hobby                      C. suggest                      D. painting  
5. A. monopoly                      B. activity                      C. unusually                      D. difficulty

*Choose the word or phrase that best completes each sentence below.*

6. My brother is one of the most famous stamp \_\_\_\_\_ in Hanoi.  
A. collection                      B. collectors                      C. collector                      D. collectors  
7. \_\_\_\_\_ is the hobby I spend most of my time on.  
A. Photograph                      B. Photographing                      C. Photographer                      D. Photography  
8. Like most of her friends, Lan often plays \_\_\_\_\_ games in her free time.  
A. board                      B. boarding                      C. boarder                      D. aboard  
9. Swimming is fun because you can play in the water and keep \_\_\_\_\_ at the same.  
A. fit                      B. fitted                      C. fitting                      D. fitly  
10. Children should eat \_\_\_\_\_ food like oranges or vegetables instead of fast food.  
A. unhealthy                      B. healthy                      C. health                      D. healthily  
11. My mother always takes good \_\_\_\_\_ of me.  
A. care                      B. look                      C. eye                      D. mind  
12. My father is a \_\_\_\_\_, so he has to read a lot of newspapers' ideals.  
A. writing                      B. write                      C. writer                      D. written  
13. The girl fell asleep as soon as she got \_\_\_\_\_ the bus.  
A. on                      B. for                      C. out                      D. up  
14. His paintings are very \_\_\_\_\_ and expensive, he's a true artist.  
A. beauty                      B. beautiful                      C. beauty                      D. beautifully  
15. If you don't hurry up, you will be late \_\_\_\_\_ school.  
A. for                      B. at                      C. in                      D. to  
16. If you are not satisfied with the product, you can \_\_\_\_\_ about it,  
A. report                      B. inform                      C. speak                      D. complain

*Choose the word or phrase that is CLOSEST in meaning to the underlined part in each of the following sentences.*

17. Solving that math problem was a piece of cake for me. I just needed two minutes.  
A. very hard                      B. very easy                      C. very delicious                      D. very cheap  
18. Ngoc is very interested in watching cartoons on TV.  
A. fond of                      B. fed up with                      C. tired of                      D. sick with

*Choose the word or phrase that is OPPOSITE in meaning to the underlined part in each of the following sentences.*

19. Your mother will be very proud when she sees you here.  
A. excited                      B. disappointed                      C. happy                      D. worried  
20. I'm fed up with playing football now.  
A. tired of                      B. excited about                      C. worried about                      D. good at

*Choose the word or phrase that best completes each sentence below.*

21. Richard: "Do you enjoy doing the school Quiz?"  
Gabriel: " \_\_\_\_\_"  
A. Of course, I will.                      B. What's the matter?  
C. That's the least I could do.                      D. It was lots of fun.  
22. Tyler: "Let's buy this pink purse for Mum!"  
Selena: " \_\_\_\_\_"  
A. Yes, you're right.                      B. Good idea!  
C. I'm fine, thanks.                      D. You must be a fool!  
23. My sister is keen \_\_\_\_\_ sports. She plays a lot of tennis and badminton in her free time.  
A. on                      B. of                      C. about                      D. at

24. Quang is good \_\_\_\_\_ Math, he can solve any problem very quickly.  
 A. at                      B. to                      C. about                      D. on
25. We can make flower vases or lamps \_\_\_\_\_ old glass bottles.  
 A. of                      B. up                      C. from                      D. in
26. I find \_\_\_\_\_ a useful sport for my health.  
 A. swim                      B. swimming                      C. swimmer                      D. swam
27. \_\_\_\_\_ do you find dancing as a hobby?  
 A. What                      B. Who                      C. Why                      D. How
28. When my father retired, he took \_\_\_\_\_ golf as a hobby to stay healthy.  
 A. on                      B. at                      C. up                      D. in
29. Hoa loves reading comics, but she says she \_\_\_\_\_ this hobby in the future.  
 A. will continue                      B. won't continue                      C. continues                      D. doesn't continue
30. I think 10- years from now more people \_\_\_\_\_ gardening.  
 A. will enjoy                      B. enjoy                      C. enjoyed                      D. enjoying

**Choose the underlined part that needs correcting in each sentence below.**

31. If they have free time, they come to see us.  
 A      B      C      D
32. I think we have few vacations than American students.  
 A                      B                      C                      D

**Read the following passage and choose the option (A, B, C or D) that best answers each of the questions below.**

### What's your hobby?

**Bill:** Most people collect things and I'm no exception. I've been collecting posters since I was 9 years old. I'm now 14, so you can imagine how many posters I've got! I've got all sorts - from small ones I've found in magazines to very large ones I've bought at concerts or sporting events. My favourite poster is one that I have of my favorite film – *The Lord of the Rings*. It's more than a meter high and I've put it up on my bedroom wall where I can see it when I'm lying in bed.

**Lauren:** My hobby is my music. I sing and play the drums in an all-girl group. We started the group only last year, but we have already played five concerts – two of them at my school! Many people ask me how can I sing when I'm playing the drums. I don't think it's at all difficult. Of course, I'm not the only singer in the group. Melissa, one of the guitarists, also sings. I really love my hobby and hope that when I grow up I will be in a famous band.

*(Key English for School, Cambridge University Press)*

**33. When did Bill start collecting posters?**

- A. 5 years ago.                      B. last year.  
 C. 9 years ago.                      D. When he was 14 years old.

**34. Bill says he's got posters \_\_\_\_\_.**

- A. from all over the world                      B. from magazines only  
 C. from concerts only                      D. of all sizes

**35. The poster that Bill loves best is \_\_\_\_\_.**

- A. on his bedroom wall                      B. a small one  
 C. of his favourite group                      D. was a gift to him

**36. How many singers are in Lauren's band?**

- A. One                      B. Two                      C. Three                      D. Five

**Choose the sentences (A, B, C or D) that is closest in the meaning to the root sentence or best combines the two given sentences.**

**37. It usually takes me two hours to do my homework.**

- A. I usually spend two hours doing my homework.  
 B. Doing my homework needs me two hours.  
 C. Two hours are the time I need to do my homework.  
 D. Two hours are enough for me to do my homework.

**38. Staying at home alone scares me.**

- A. I am used to staying at home alone.  
 B. I find staying at home alone scary.  
 C. I don't like staying at home alone.  
 D. Staying at home alone causes me no fear.

**39. *My brother has a lot of strange stickers in his collection.***

- A. There are a lot of strange stickers in my brother's collection.
- B. My brother has a strange collection of stickers.
- C. My brother often asks people for strange stickers to put in his collection.
- D. My brother has the strangest stickers I've ever seen in his collection.

**40. *This math exercise is too difficult for me to solve.***

- A. I have no difficulty solving this math exercise.
- B. This math exercise is difficult enough for me to solve.
- C. This math exercise is easy enough for me to solve it.
- D. This math exercise isn't easy enough for me to solve.