Part One: Speaking (Items 1-15: 2.5 points each)
Choose the best answer.

1. A: Thanks for your help.  
   B: ____________
   1. That's right
   2. Not a problem
   3. I'm fine, thanks
   4. OK, same to you

2. A: I've heard you went to Tom's last night. ____________?
   B: It was good. I met a lot of old friends.
   1. How was the party
   2. Do you like partying
   3. Have you found out about parties
   4. What happened at the party

3. A: How do you take your coffee?
   B: Black, with no sugar, please
   A: I'll make the coffee. You can ____________ the snacks
   1. help yourself to
   2. kill time with
   3. keep company with
   4. accompany yourself with
4. A: It's Friday night. ___________?
   B: Nothing definite. Pat said she might drop by.
   1. You haven't seen Pat recently, have you
   2. Do you have any plans for this evening
   3. Did you enjoy yourself last night
   4. Has Pat gone to Sydney yet

5. A: That's too bad. We've come to a dead end.
   B: ___________
   1. Nobody knows where it is
   2. Be careful. There are a few road signs
   3. So make a U-turn and take another street
   4. Go ahead, but be more cautious when you drive

6. A: Oh dear, I left my key in the car again.
   B: ___________
   A: Really! Nice to know that I'm not the only one.
   1. You have to use a padlock.
   2. I do that very often myself.
   3. Can I go and get it for you?
   4. Have you checked the trunk?
7-10
Paul: Are you giving up anything for New Year's?
John: No, not really. ______7______?
Paul: Not this year, but last year I gave up smoking.
John: ______8______ I've heard it's hard to do.
Paul: I just forced myself not to smoke. It was hard for the first week.
John: ______9______ I want to quit, too.
Paul: Give it a try. ______10______.

7.  1. What do you think
    2. How did you do that
    3. What's the matter
    4. How about you

8.  1. How would you like that?
    2. I'm afraid you can't.
    3. How did you manage that?
    4. I don't think you should.

9.  1. You're kidding
    2. You said so
    3. You're amazing
    4. You've done it

10. 1. I'm reliable
    2. I'll check with you
    3. I'm aware of that
    4. I'll support you
11-12

Mary: Your new friend has a type-T personality, I think.
Rose: _______11_____.
Mary: A person with a type-T personality loves risk taking, scary movies, and all forms of excitement.
Rose: Oh, yes. _______12_____.

11. 1. Who is it
2. How is he
3. What do you mean
4. Which one do you mean

12. 1. He likes watching T.V. until midnight
2. He loves hang gliding
3. He enjoys playing chess
4. He is pleased with everything

13-15

Ann: We're having a party for Jane next Sunday at my place.
______13_____.
Tom: Next Sunday? Sure. What time should I be there?
Ann: The party'll start at six.
Tom: _______14_____.
Ann: Something casual. It's a barbecue.
Tom: That sounds nice. _______15_____. I'll see you then.
13. 1. Will you go 
2. Can you come 
3. Should I invite you 
4. Could you do me a favor 

14. 1. Is it formal 
2. What should I wear 
3. Should I dress up 
4. Do I have to wear a suit 

15. 1. You make me very happy 
2. Thanks for inviting me 
3. I’ve already been to many parties 
4. We haven’t met for some time 

Part Two: Vocabulary (Items 16-27) 

Items 16-19: Odd One Out (1.5 points each) 

Three of the words in each group relate to one another in their meaning. Choose the word that does NOT belong. 

16. 1. frightened 
2. scared 
3. terrified 
4. embarrassed 

17. 1. display 
2. show 
3. exhibit 
4. narrate 

18. 1. reside 
2. dwell 
3. situate 
4. inhabit
19. 1. mysterious  
   3. secretive
   2. pitiful
   4. unclear

Items 20-23: Meaning Recognition (2.5 points each)
Choose the alternative which has the same meaning as the underlined word in the given sentence.

20. I had to sit through a boring 2-hour lecture by Professor Wong.
   1. I saw her sad feelings through her eyes.
   2. The paper flew out through the hole in the wall.
   3. The students should read through all the handouts.
   4. My mother always looks at me through her glasses when she's angry.

21. I feel bad about telling people how heavy and out-of-shape I am.
   1. Heavy and light objects reach the ground at the same time after a fall.
   2. I think steak is too heavy for my dinner.
   3. All the courses are quite heavy for first-year students.
   4. My father, who was a heavy smoker, died of lung cancer last year.

22. There is a campaign to encourage childless couples to adopt a child.
   1. People tend to adopt different approaches to solving problems.
   2. The city council hopes to adopt the new policy after tomorrow's meeting.
   3. Try to adopt a greener lifestyle in order to reduce global warming.
   4. That woman was willing to adopt an orphan.
23. The university will **conduct** a survey on new courses for freshmen.
   1. Do you know who is going to **conduct** the School Symphony Orchestra?
   2. I am going to **conduct** an experiment on drug resistance.
   3. Some metals like copper and silver can **conduct** electricity.
   4. Could you please **conduct** him to the registration desk?

**Items 24-27: Meaning in Context (3.5 points each)**
Choose the best alternative to make the sentence(s) meaningful.

24. Walking is the most popular form of _____ activity as eighty million people are recreational or casual walkers, including those who _____ occasionally.
   1. social – wander
   2. economical – roam
   3. psychological – glide
   4. physical – stroll

25. Motherhood is a huge part of female _____, and any woman who doesn't experience it has to find some way to make up for it. Therefore, work is considered one of the most important areas for _____ women to find fulfillment and to contribute to society.
   1. uniqueness – frustrating
   2. expectation – independent
   3. identity – childless
   4. empowerment – dedicated
26. Most stars are not __________ to the naked eye so astrologists use telescopes to __________ them and other meteorological objects.
   1. visual – regulate
   2. foreseen – distract
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   4. visible – magnify

27. Because of e-books’ __________ value, nowadays many publishers use e-textbooks as a way of __________ knowledge among scholars.
   1. sentimental – accepting
   2. exceptional – anticipating
   3. promotional – following
   4. tentative – exchanging
Part Three: Reading (Items 28-45: 2.5 points each)
Choose the best answer.

DANGER!
CONSTRUCTION AREA
100 % SAFETY GLASSES & HARD HATS REQUIRED

28. What is TRUE according to this sign?
   1. Nobody is allowed in this area.
   2. You must wear sunglasses in this area.
   3. This is a dangerous area for people wearing glasses and hats.
   4. Only people with helmets and safety glasses are allowed in this area.
Electrical Engineer

Reporting to Electrical & Instrumentation Supervisor, your role will be to develop, maintain, modify and improve the performance of all electrical systems of the Phu Kham Copper/Gold Operations.

- 10+ years of Electrical and Instrumentation engineering experience in a heavy industrial environment
- English literacy to a conversational level
- Excellent knowledge of local and international standards
- Ability to effectively plan daily, weekly and monthly work activities
- Computer literacy in the Microsoft suite of programs, CMMS and AutoCad
- Competency in plant automation control methods and philosophies
- Excellent working knowledge of high voltage distribution and load networks
- Ability to train undergraduate and trades staff
- Excellent knowledge of electrical safety

29. Which of the following candidates is NOT suitable for this job?

1. A person who is unable to communicate in English
2. A person who has experience in training new staff
3. A person who can speak both Thai and English fluently
4. A person who has worked in electrical engineering for over 15 years
30. What can be inferred from the comic strip?

1. The boy doesn't know where the car keys are.
2. The boy's mother knows where the car keys are.
3. Ginkgo helps the boy's mother remember things better.
4. Ginkgo hasn't helped the boy's mother remember things better.

Passage 1

1. In popular culture, the sun is yellow. However, in Japan most people think that it is red. Children there usually draw the sun as a big red circle. But did you know that the color of the sun is actually white? It's only when light from the sun passes through the Earth's atmosphere that it changes in color, from white, to the yellow most of us see here on Earth.

2. All stars have colors, from red dwarfs and red giants, to white and yellow stars, to blue giants and supergiants. The color of a star comes from its temperature. As photons escape the interior of a star out into space, they have
different amounts of energy. A star can emit infrared, red, blue and ultraviolet light all at the same time. They even emit X-rays and gamma rays.

3 If a star is cool, less than 3,500° Kelvin, its color will be red. This is because there are more red photons being emitted than any other kind of visible light. If a star is very hot, above 10,000 ° Kelvin, its color will be blue. Once again, there are more blue photons streaming from a star.

4 The temperature of the Sun is approximately 6,000° Kelvin. The sun and stars like our sun appear white. This is because we're seeing all the different color photons coming from the sun at the same time. When you add all those colors up, you get pure white.

5 So why does the sun appear yellow here on Earth? The atmosphere of the Earth scatters sunlight, removing the shorter wavelength light – blue and violet. Once you reduce those colors from the spectrum of light coming from the sun, it appears more yellow.

31. What is the best title for the passage?

1. The Colors of the Sun
2. The Sun and Other Stars
3. The Sun, the Stars and the Earth
4. Differences between Culture and Science
32. What does “it” (paragraph 1) refer to?
   1. Popular culture
   2. The sun
   3. Yellow
   4. Japan

33. What is NOT emitted by a star?
   1. Infrared light
   2. Ultraviolet light
   3. Blue giants
   4. X-rays

34. What is the possible temperature of a blue star?
   1. 3,500° Kelvin
   2. 6,000° Kelvin
   3. 9,000° Kelvin
   4. 12,500° Kelvin

35. Why do people see the sun as yellow?
   1. Culture affects the way people see the sun’s color.
   2. The sun is so bright that it changes the color of the Earth.
   3. Sunlight changes color when it passes through the Earth’s atmosphere.
   4. Sunlight cannot penetrate the Earth’s atmosphere.

Passage 2

Life isn’t easy for Eric. When he was born, he weighed just under half a kilogram. Doctors said he would probably have trouble walking, talking, and seeing. But he completed secondary school and is taking university courses now.
He has learning difficulties and attention deficit disorder, which I have, too. It's our common bond. He gets fired up, hypered up, and I can relate to that. But he's a really kind person who cares about the world.

2 For a lot of reasons, including the stories in the tabloids, Eric's mother was nervous about Hollywood, and didn't particularly trust me, which I could understand. My job was to convince her that her son wasn't a boy anymore, and that he's a young man. For a long time she refused to even speak to me. By the end of filming, Eric's mom was fine. She could see what a good time her son was having.

3 On the movie set, Eric was a complete professional. It was really hard for him to learn his dialog, but he did it. If I have problems focusing, he's got them ten times more. But he works on all of it. He showed up early and was the last to leave. Sometimes I think I'm tired of slaying dragons, but then I look at what Eric faces on a daily basis and think, "If he can rise above, I can too."

4 He calls me about ten times a day, and five of those calls are to talk about the actresses in Mean Girls. Of course, he fell in love with every woman in the movie, so I told him, "You know, you can't date women you work with because it ruins it. That's what happened to me and my first marriage."

5 Now that Eric is a star, young ladies come over to his house to audition for him. The other day, I heard someone singing, so I looked over the fence and saw a picture of victory over adversity. There was Eric in his expensive suit, taking auditions for his next movie from a beautiful girl.
36. What is the main idea of the passage?
   1. Despite many difficulties, Eric has managed to be a Hollywood star.
   2. A lot of Hollywood stars have helped Eric to become successful.
   3. Eric’s mother is responsible for his professional success.
   4. Eric has a happy marriage with a beautiful Hollywood actress.

37. What does the writer want us to learn from Eric’s story?
   1. People like Eric can become actors.
   2. We can overcome difficulties in life.
   3. Film making is a challenging job.
   4. We can be friends with handicapped people.

38. What kind of person does Eric represent?
   1. A person who is successful in his studies.
   2. A person who is afraid of challenges.
   3. A person who reached his goals at a young age.
   4. A person who exceeds others’ expectations.

39. What do the writer and Eric have in common?
   1. They were born underweight.
   2. They have problems concentrating.
   3. They didn’t want to go to Hollywood.
   4. They were good at school.
40. What does the writer mean when he says Eric gets “fired up” (paragraph 1)?
   1. Eric is extremely emotional.
   2. Eric was burned in a fire.
   3. Eric was expelled from school.
   4. Eric is highly ambitious.

Passage 3

1 Hemophilia is an inherited, genetic blood disorder in which one of the proteins—clotting factors—needed to form blood clots in the body is missing or reduced. It has been found in many European royal houses such as Britain, Spain, Germany and Russia.

2 Britain’s iconic Queen Victoria was a hemophilia carrier and passed on the defective gene to her son, Leopold, and it was carried by many of her daughters. Perhaps more famously, Tsar Nicholas II, who married Queen Victoria’s grand-daughter Princess Alexandra, had a son, Tsarevich Alexei Nikolaevich, who suffered from hemophilia. It was controversially claimed that Rasputin, the Russian mystic, healed Alexei’s illness.

3 Normally, when people have accidents or suffer injuries, the bleeding in the muscles and joints will spontaneously stop. However, in people with hemophilia, the bleeding will last much longer. The severity of hemophilia depends on the amount of clotting factor in the blood. It can range from mild to moderate or life-threatening. In several hemophiliacs, prolonged bleeding from just common injuries or even spontaneous bleeding without obvious cause can last for days and weeks. Worse, it can be lethal if the bleeding occurs in the brain or in the joints.
4 Bleeding can occur in any part of the body. The joints that are most often affected include the knees, ankles and elbows. If not effectively managed, regular bleeding into the joints can cause joint damage, chronic arthritis and disability. Some hemophiliacs have been crippled by the time they are teenagers due to the effects of bleeding joints.

5 There is no cure for hemophilia. However, the condition can be controlled by the constant replacement of the missing or reduced clotting factors. In severe cases, factor injections are administered on a regular basis, usually two to three times a week in order to minimize the likelihood of joint damage. Children with hemophilia these days can live a longer life and enjoy a good quality of life if they receive the proper treatment.

41. What is the main idea of this passage?

1. The severity of hemophilia depends on the amount of clotting factor in the blood.
2. Hemophilia has been found in European royal families.
3. Hemophilia is a genetic illness that can cause prolonged bleeding.
4. Hemophiliacs can enjoy a good life if they receive proper treatment.

42. What does "It" (paragraph 3) refer to?

1. The amount of clotting in the blood
2. The severity of hemophilia
3. Bleeding in the muscles
4. An accident or injury
43. Which word is closest in meaning to “lethal” (paragraph 3)?
   1. Deadly
   2. Mild
   3. Moderate
   4. Spontaneous

44. According to the passage, which of the following is NOT true?
   1. Some members of the Russian royal family suffered from hemophilia.
   2. Queen Victoria’s daughters were hemophilia carriers.
   3. Hemophiliacs can fully recover if they receive two or three injections.
   4. Hemophilia can cause permanent damage to human organs.

45. What is likely to happen to hemophiliacs?
   1. Their bleeding from common injuries will spontaneously stop.
   2. Their illness will be cured by Rasputin.
   3. Their joints will be damaged.
   4. They will have frequent accidents.
Part Four: Structure and Writing (Items 46-60: 2.5 points each)

Items 46-50

Read the following statements and choose the underlined parts that are grammatically wrong.

46. People around the small US (1) farming town of Bates City, Missouri, seemed puzzled (2) about the (3) uniformed men who came to dig (4) of glass jars.

47. The financial and (1) economic turmoil of (2) the last two years' (3) have created a (4) completely new environment for business.

48. Stocks continued (1) its seven-month rally, (2) lifting the Dow Jones (3) industrial average above 10,000 points (4) for the first time since last October.

49. An explosive, (1) believing to be a firecracker, (2) injured nine people, (3) including a (4) sleeping street boy near the palace.

50. Your blood and urine will be checked (1) for infection or (2) another abnormalities, and you (3) may be referred to a urologist for (4) further investigation and treatment.
Items 51-55

Choose the best answer to complete the sentence.

51. There are lots of things you might do. ________, you might learn to play a musical instrument.
   1. In brief
   2. For instance
   3. On the contrary
   4. Consequently

52. People once thought of fungi as plants; ________, biologists now classify them as a separate kingdom.
   1. in addition
   2. moreover
   3. however
   4. as a result

53. ________ James had visited the homeless shelter, he was moved to make a large charitable donation.
   1. Instead
   2. Because
   3. Otherwise
   4. Therefore

54. People are regularly advised to exercise, typically walking or cycling, for 30 minutes five times a week. Yet, studies reveal that ______.
   1. few people are aware of this fact
   2. exercise is good for health
   3. walking and cycling help you keep fit
   4. people have become more health-conscious
55. Practical intelligence, which predicts success in real life, 

In other words, the more practically intelligent you are, the less likely you are to succeed at school or university.

1. depends on your personal background
2. results in greater academic success
3. has great effects on your career path
4. has an inverse relationship with academic intelligence
Items 56-60

Select FIVE of six sentences (S1-S6) and put them in an appropriate sequence to form a meaningful paragraph: Please note that ONE of these choices will NOT be used.

[S1] For example, given the choice of 50% and 25%, and asked to choose which number is higher, children will correctly choose 50%.

[S2] Similarly, they often miscalculate the simple addition problem of ¼ plus ½, coming up with the answer of ¼ instead of 2/2 or 1.

[S3] However, given the choice of ½ and ¼, they will incorrectly choose ¼, reasoning that since 4 is a larger number than 2, ¼ is larger than ½.

[S4] Last year, many Thai students won many international mathematics competitions.

[S5] Analyses of children’s misconceptions in mathematics indicate that children have considerable difficulties in dealing with fractions.

[S6] In short, these misconceptions offer clear evidence that many children lack a clear understanding of the concept of fractions.

56. Which sentence comes first?

57. Which sentence comes second?

58. Which sentence comes third?

59. Which sentence comes fourth?

60. Which sentence comes last?
Part One: Speaking (Items 1-15: 2.5 points each)

Choose the best answer.

1. A: Thanks for your help.
   B: ________________
   1. That's right
   2. Not a problem
   3. I'm fine, thanks
   4. OK, same to you

2. A: I've heard you went to Tom's last night. ________________?
   B: It was good. I met a lot of old friends.
   1. How was the party
   2. Do you like partying
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John: No, not really. ___7___?
Paul: Not this year, but last year I gave up smoking.
John: ___8___ I've heard it's hard to do.
Paul: I just forced myself not to smoke. It was hard for the first week.
John: ___9___ I want to quit, too.
Paul: Give it a try. ___10___

7. 1. What do you think
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Tom: Next Sunday? Sure. What time should I be there?
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Ann: Something casual. It’s a barbecue.
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Part Two: Vocabulary (Items 16-27)

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3 If a star is cool, less than 3,500° Kelvin, its color will be red. This is because there are more red photons being emitted than any other kind of visible light. If a star is very hot, above 10,000° Kelvin, its color will be blue. Once again, there are more blue photons streaming from a star.

4 The temperature of the Sun is approximately 6,000° Kelvin. The sun and stars like our sun appear white. This is because we’re seeing all the different color photons coming from the sun at the same time. When you add all those colors up, you get pure white.

5 So why does the sun appear yellow here on Earth? The atmosphere of the Earth scatters sunlight, removing the shorter wavelength light – blue and violet. Once you reduce those colors from the spectrum of light coming from the sun, it appears more yellow.

31. What is the best title for the passage?
1. The Colors of the Sun
2. The Sun and Other Stars
3. The Sun, the Stars and the Earth
4. Differences between Culture and Science
32. What does “it” (paragraph 1) refer to?
   1. Popular culture
   2. The sun
   3. Yellow
   4. Japan

33. What is NOT emitted by a star?
   1. Infrared light
   2. Ultraviolet light
   3. Blue giants
   4. X-rays

34. What is the possible temperature of a blue star?
   1. 3,500° Kelvin
   2. 6,000° Kelvin
   3. 9,000° Kelvin
   4. 12,500° Kelvin

35. Why do people see the sun as yellow?
   1. Culture affects the way people see the sun’s color.
   2. The sun is so bright that it changes the color of the Earth.
   3. Sunlight changes color when it passes through the Earth’s atmosphere.
   4. Sunlight cannot penetrate the Earth’s atmosphere.

Passage 2

Life isn’t easy for Eric. When he was born, he weighed just under half a kilogram. Doctors said he would probably have trouble walking, talking, and seeing. But he completed secondary school and is taking university courses now.
He has learning difficulties and attention deficit disorder, which I have, too. It’s our common bond. He gets fired up, hypered up, and I can relate to that. But he’s a really kind person who cares about the world.

2 For a lot of reasons, including the stories in the tabloids, Eric’s mother was nervous about Hollywood, and didn’t particularly trust me, which I could understand. My job was to convince her that her son wasn’t a boy anymore, and that he’s a young man. For a long time she refused to even speak to me. By the end of filming, Eric’s mom was fine. She could see what a good time her son was having.

3 On the movie set, Eric was a complete professional. It was really hard for him to learn his dialog, but he did it. If I have problems focusing, he’s got them ten times more. But he works on all of it. He showed up early and was the last to leave. Sometimes I think I’m tired of slaying dragons, but then I look at what Eric faces on a daily basis and think, “If he can rise above, I can too.”

4 He calls me about ten times a day, and five of those calls are to talk about the actresses in Mean Girls. Of course, he fell in love with every woman in the movie, so I told him, “You know, you can’t date women you work with because it ruins it. That’s what happened to me and my first marriage.”

5 Now that Eric is a star, young ladies come over to his house to audition for him. The other day, I heard someone singing, so I looked over the fence and saw a picture of victory over adversity. There was Eric in his expensive suit, taking auditions for his next movie from a beautiful girl.
36. What is the main idea of the passage?
   1. Despite many difficulties, Eric has managed to become a Hollywood star.
   2. A lot of Hollywood stars have helped Eric to become successful.
   3. Eric’s mother is responsible for his professional success.
   4. Eric has a happy marriage with a beautiful Hollywood actress.

37. What does the writer want us to learn from Eric’s story?
   1. People like Eric can become actors.
   2. We can overcome difficulties in life.
   3. Film making is a challenging job.
   4. We can be friends with handicapped people.

38. What kind of person does Eric represent?
   1. A person who is successful in his studies.
   2. A person who is afraid of challenges
   3. A person who reached his goals at a young age
   4. A person who exceeds others’ expectations

39. What do the writer and Eric have in common?
   1. They were born underweight.
   2. They have problems concentrating.
   3. They didn’t want to go to Hollywood.
   4. They were good at school.
40. What does the writer mean when he says Eric gets “fired up” (paragraph 1)?

1. Eric is extremely emotional. 
2. Eric was burned in a fire. 
3. Eric was expelled from school. 
4. Eric is highly ambitious.

Passage 3

1. Hemophilia is an inherited, genetic blood disorder in which one of the proteins—clotting factors—needed to form blood clots in the body is missing or reduced. It has been found in many European royal houses such as Britain, Spain, Germany and Russia.

2. Britain’s iconic Queen Victoria was a hemophilia carrier and passed on the defective gene to her son, Leopold, and it was carried by many of her daughters. Perhaps more famously, Tsar Nicholas II, who married Queen Victoria’s grand-daughter Princess Alexandra, had a son, Tsarevich Alexei Nikolaevic, who suffered from hemophilia. It was controversially claimed that Rasputin, the Russian mystic, healed Alexei’s illness.

3. Normally, when people have accidents or suffer injuries, the bleeding in the muscles and joints will spontaneously stop. However, in people with hemophilia, the bleeding will last much longer. The severity of hemophilia depends on the amount of clotting factor in the blood. It can range from mild to moderate or life-threatening. In several hemophiliacs, prolonged bleeding from just common injuries or even spontaneous bleeding without obvious cause can last for days and weeks. Worse, it can be lethal if the bleeding occurs in the brain or in the joints.
4. Bleeding can occur in any part of the body. The joints that are most often affected include the knees, ankles and elbows. If not effectively managed, regular bleeding into the joints can cause joint damage, chronic arthritis and disability. Some hemophiliacs have been crippled by the time they are teenagers due to the effects of bleeding joints.

5. There is no cure for hemophilia. However, the condition can be controlled by the constant replacement of the missing or reduced clotting factors. In severe cases, factor injections are administered on a regular basis, usually two to three times a week in order to minimize the likelihood of joint damage. Children with hemophilia these days can live a longer life and enjoy a good quality of life if they receive the proper treatment.

41. What is the main idea of this passage?

1. The severity of hemophilia depends on the amount of clotting factor in the blood.
2. Hemophilia has been found in European royal families.
3. Hemophilia is a genetic illness that can cause prolonged bleeding.
4. Hemophiliacs can enjoy a good life if they receive proper treatment.

42. What does “It” (paragraph 3) refer to?

1. The amount of clotting in the blood
2. The severity of hemophilia
3. Bleeding in the muscles
4. An accident or injury
43. Which word is closest in meaning to “lethal” (paragraph 3)?
   1. Deadly
   2. Mild
   3. Moderate
   4. Spontaneous

44. According to the passage, which of the following is NOT true?
   1. Some members of the Russian royal family suffered from hemophilia.
   2. Queen Victoria’s daughters were hemophilia carriers.
   3. Hemophiliacs can fully recover if they receive two or three injections.
   4. Hemophilia can cause permanent damage to human organs.

45. What is likely to happen to hemophiliacs?
   1. Their bleeding from common injuries will spontaneously stop.
   2. Their illness will be cured by Rasputin.
   3. Their joints will be damaged.
   4. They will have frequent accidents.
Part Four: Structure and Writing (Items 46-60: 2.5 points each)

Items 46-50

Read the following statements and choose the underlined parts that are grammatically wrong.

46. People around the small US (1) farming town of Bates City, Missouri, seemed puzzled (2) about the (3) uniformed men who came to dig (4) of glass jars.

47. The financial and (1) economic turmoil of (2) the last two years’ (3) have created a (4) completely new environment for business.

48. Stocks continued (1) its seven-month rally, (2) lifting the Dow Jones (3) industrial average above 10,000 points (4) for the first time since last October.

49. An explosive, (1) believing to be a firecracker, (2) injured nine people, (3) including a (4) sleeping street boy near the palace.

50. Your blood and urine will be checked (1) for infection or (2) another abnormalities, and you (3) may be referred to a urologist for (4) further investigation and treatment.
Items 51-55

Choose the best answer to complete the sentence.

51. There are lots of things you might do. ________, you might learn to play a musical instrument.
   1. In brief
   2. For instance
   3. On the contrary
   4. Consequently

52. People once thought of fungi as plants; ________, biologists now classify them as a separate kingdom.
   1. in addition
   2. moreover
   3. however
   4. as a result

53. ________ James had visited the homeless shelter, he was moved to make a large charitable donation.
   1. Instead
   2. Because
   3. Otherwise
   4. Therefore

54. People are regularly advised to exercise, typically walking or cycling, for 30 minutes five times a week. Yet, studies reveal that ______.
   1. few people are aware of this fact
   2. exercise is good for health
   3. walking and cycling help you keep fit
   4. people have become more health-conscious
55. Practical intelligence, which predicts success in real life,

In other words, the more practically intelligent you are, the less likely you are to succeed at school or university.

1. depends on your personal background
2. results in greater academic success
3. has great effects on your career path
4. has an inverse relationship with academic intelligence
Items 56-60

Select FIVE of six sentences (S1-S6) and put them in an appropriate sequence to form a meaningful paragraph: Please note that ONE of these choices will NOT be used.

[S1] For example, given the choice of 50 % and 25 %, and asked to choose which number is higher, children will correctly choose 50 %.

[S2] Similarly, they often miscalculate the simple addition problem of ½ plus ½, coming up with the answer of ¼ instead of 2/2 or 1.

[S3] However, given the choice of ½ and ¼, they will incorrectly choose ¼, reasoning that since 4 is a larger number than 2, ¼ is larger than ½.

[S4] Last year, many Thai students won many international mathematics competitions.

[S5] Analyses of children’s misconceptions in mathematics indicate that children have considerable difficulties in dealing with fractions.

[S6] In short, these misconceptions offer clear evidence that many children lack a clear understanding of the concept of fractions.

56. Which sentence comes first?

57. Which sentence comes second?

58. Which sentence comes third?

59. Which sentence comes fourth?

60. Which sentence comes last?