



2023

520703K

预防医学专业学生技能考核基本要求 ..... 1

预防医学专业学生专业技能考核题库 ..... 16

520703K

5

31

1

1			1-1				
			1-2				

			1-3				
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			1-12						
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			1-14						
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2			2-1						
			2-2						
	2-3								
3			3-1						
			3-2						
	3-3								

			3-4				
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4			4-1				
			4-2				
			4-3				
			4-4				
5		1	5-1				
		2	5-2				
			5-3				

			5-4				

1.

1.1

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1. 1

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1. 4

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2. 1

2. 2

2. 3

1.

1. 1

1. 2

1. 3

1. 4

1. 5

1. 6

1. 7

2

2. 1





1. 6

1. 7

2

2. 1

2. 2

2. 3

2. 4

5

2 5



1. 10%

2.

3. 31 1

4 30% 30%

30% 10%

4. 10

5.

6.

1.

2.

3. 2022

---                      ---                      ---                      ---                      ---

		/		
1		/		
2		/ <u>        </u>		
3		/		

		/		
4				
5				
6				
7				
8				
9				

1.

2.

3. /

4.

/			

/					







2022

520703K

5

1.

1-1

1

66

3

2020

1

30

C

EB

EB

IgG 50 AU/ml

2 2

2

	1	2	3	

	N95	75%	
	1	2	

3  
70                      30                      10                      30  
4  
40%  
25%  
35%

40	1.	10	
	2.		
	1	5	
	2	5	
	3	C	10
	4	5	
	5	5	
60	1.	6	
	2.	6	
	3.	6	
	4	6	
	5.	6	
	6.	6	
	7.	N95	6
	8.	6	
	9.	6	

	10.	6
		100

20	1.	3	
	2.	3	
	3.	3	
	4.	3	
	5.	8	
60	1.	10	
	2.		
	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
	7		5
20	1.	10	
	2.	10	
		100	

7	1. N95	4
	2.	3
83	1.	
	1	2
	2	4
	3	N95

4		4
5		
		10
...		
6	ε	4
7		4
8		4
9		4
2		
1		2
2		4
3		2
4		
		10
5		2
6		4
7		2
8		
	( )	

	13	3
10	1.	3
	2	3
	3.	4
		100

2      1-2  
1  
31      2 3      8  
2 10  
H5N1

2

	1      2      3	
	75%	
	N95	
	1      2	

3  
70      30      10      30  
4  
2      40%  
25%  
35%

	1.	9

36			
	2	2	9
	3		9
	4		9
64	1.		
	1		4
	2		4
	3	48	4
	4		4
	5		4
	6	ICU	4
	2.		
	1		4
	2		4
	3		4
	4		4
	5		4
	3.		
	1		4
	2		4
	3		4
	4		4
	5		4
			100

20	1.	3
	2	3
	3	3
	4	3
	5	8
60	1.	10
	2	

1	30mi n	5
2		10
3	35	5
4		5
5		



	8	4
	9	4
	2	
	1	2
	2	4
	3	2
	4	10
	5	2
	6	4
	7	2
	8	4
		( )
	9	2
10	4	
11	2	
12	3	
13	3	
10	1.	3
	2.	3
	3.	4
		100

3. 1-3

1  
2022 11 15

H1N1

2

	1	2	3	
	75%			
	1	2		

3

60

	1	6
	2	6
	3	6
	3.	
	1	6
	2	6
	3	6
	4	4
		100

20	1.	3	
	2	3	
	3	3	
	4.	3	
	5.	8	
60	1.	10	
	2		
	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
7		5	
20	1.	10	
	2	10	
		100	

8	1.	4
	2	1 100 84

80	1.	5
	2.	3
	3.	10
	4.	5
	5. 15-20	6
	6. Z	15
	7.	
	1 3	15
	2	4
	8.	5
9.	5	
10.	7	
12	1.	4
	2.	4
	3.	4
		100

4. 1-4

1  
2021

6

2

5

2

	1      2      3	
	75%	
	1                      2	

3  
60  
4

30                      10                      20

40%  
25%  
35%

30	1.	6
	2	6
	3.	6
	4.	6
	5.	6
70	1.	
	1	10
	2	24
	3	10
	2	

	1	7
	2	7
	3	7
	4	7
	3.	
	1	6
	2	6
		100

20	1.	3
	2	3
	3	3
	4	3
	5	8
60	1.	10
	2	
	1	30m n
	2	10
	3	35
	4	5
	5	10
	6	10m n
	7	5
20	1.	10
	2.	10
		100

78	1.		
	1	6	
	2	6	
	3	8	
	4	6	
	5	5	12
	2.		
	1	6	
	2	6	
	3	6	
	4	10	
	5	6	
	6	6	
	10	1.	3
2.		3	
3.		4	
		100	

5. 1-5

1

4

7 13

39

7 18

37

38.5

32

EV71

2

	1	2	3
			75%
	1	2	

3

60

30

10

20

4

40%

25%

35%

40	1.	10
	2.	
	1	5
	2	5
	3	37
	4	5
	5	5
60	1. 10	10
	2.	10



	3.	10
	4.	10
	5.	10
	6.	10
		100

20	1.	3	
	2.	3	
	3.	3	
	4.	3	
	5.	8	
60	1.	10	
	2.		
	1	30m n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10m n	10
7		5	
20	1.	10	
	2.	10	
		100	

8	1.	4
	2.	1 100 84

80	1.	5
	2.	3
	3.	10
	4.	5
	5.	6
	6.	15
	7.	
	1	15
	2	4
	8.	5
9.	5	
10.	7	
12	1.	4
	2.	4
	3.	4
		100

6. 1-6

1

2226

735

2020 9 6 11

15 70

43

27

Q

2

	1	2	3
	N95		75%
	1	2	

3  
70                      30                      10                      30

4

40%  
25%  
35%

35	1.	20
	2.	10
	3.	5
50	1.	
	1	10
	2	5
	3	5
	4	10
	2.	

	1	5
	2	5
	3	5
	4	5
	5	5
	6	5
		100

20	1.	3	
	2.	3	
	3.	3	
	4.	3	
	5.	8	
60	1.	10	
	2.		
	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
7		5	
20	1.	10	
	2.	10	
		100	

7	1.	N95	4
	2.		3
	1.		

83

1

2

2

4

3

N95

4

4

4

5

10

6

4

7

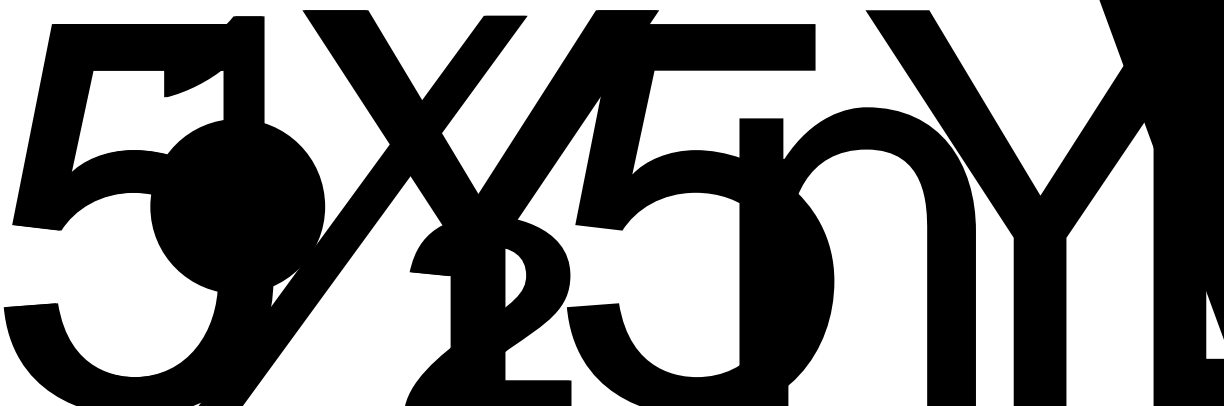
4

8

	10	4
	11	2
	12	3
	13	3
10	1.	3
	2.	3
	3.	4
		100 <

7. 1-7  
1

УКРАЇНСЬКА НАРОДНА РЕСПУБЛІКА



25%

35%

	3	35	5
	4		5
	5		10
	6	10min	10
	7		5
20	1.		10
	2.		10
			100

8	1.		4
	2.	1 100 84	4
80	1.		5
	2.		3
	3.		10
	4.		5
	5.	15-20	6
	6.	Z	15
	7.		
	1		15
		3	
	2		4
8.		5	





19	1.	8
	2	2
	3.	9
81	1.	
	1	9
	2	9
	3	9
	2	
	1	9
	2	9
	3	9
	3.	
	1	9
	2	9
	3	9
		100

20	1.	3
	2	3
	3.	3
	4.	3
	5.	4
	6.	2
	7.	2
70	1.	5
	2	5
	3.	5

	4.	
	1	20
	2      2-3	20
	3	15
10		10
		100

8	1.	4
	2	1   100   84
80	1.	5
	2.	3
	3.	10
	4.	5
	5.	6
	6.	15
	7.	
	1	15
	3	
2	4	

	8.	5
	9.	5
	10.	7
12	1.	4
	2.	4
	3.	4
		100

9. 1-9

1

36

3

3

38.2

10

T38.5 P96 / R20 / BP120/80mmHg

- -

- 5 /

Hb 124g/L WBC 16.4 × 10<sup>9</sup>/L N 88% L 12% PLT 200 × 10<sup>9</sup>/L

WBC /HP RBC 3-5/HP -

2

	1	2
		3
	75%	

	1	2	
--	---	---	--

3  
60 30 10 20  
4

40%  
25%  
35%

1. 10  
2.  
1 3 10  
2

40

	5	8	
60	1.	10	
	2		
	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
	7		5
20	1.	10	
	2	10	
		100	

12	1.	4	
	2	8	
78	<b>1.</b>		
	1	6	
	2	6	
	3	8	
	4	6	
	5	5	12
	<b>2</b>		
	1	6	

	2	6
	3	6
	4	10
	5	6
	6	6
10	1.	3
	2.	3
	3.	4
		100

10. 1-10

1

45 " 8 2 " 8

40 6

T 39.2 P110 / R 28 / BP 94/60mmHg

WBC 19.6 × 10<sup>9</sup>/L

N O 83

2

	1 2 3	

	1	2	
--	---	---	--

3  
60                      30                      10                      20

4

40%  
25%  
35%

30	1.	5
	2	
	1	5
	2	15
	3	5
70	1.	
	1	7
	2	6
	3	6
	4	6
	5	6
	2	
	1	6
	2	7
	3	6
	3.	
	1	7
	2	6
	3                      "                      "	7
	100	



20	1.	3
	2.	3
	3.	3
	4.	3
	5.	6
	6.	2
70	1.	5
	2.	5
	3.	
	1	8
	2	2
	4.	
	1	5
	2	10
	3	5
	4	15
5	15	
10	1	10
		100

8	1.	4
	2.	1 100 84
80	1.	5
	2.	3

	3.	10
	4.	5
	5. 15-20	6
	6. Z	15
	7.	
	1 3	15
	2	4
	8.	5
	9.	5
	10.	7
12	1.	4
	2.	4
	3.	4
		100

11. 1-11

1

2020 12 , 105.3 HIV

35.1

25%

2L

500mg/L

2

	1	2	3
	1000mL		75%
		25%	
	1		2

3

60

30

10

20

4

40%

25%

35%

42	1. HI V	7
	2. HI V /AI DS	7
	3. HI V /AI DS	7
	4.	7
	5. CD4+	7
	6. HI V 72 4	7
58	1.	
	1 HI V /AI DS	8
	2	8
	2.	

	1	8
	2	8
	3	8
	4	8
	3.	10
		100

20	1.	3
	2	3
	3	3
	4.	3
	5.	8
60	1.	10
	2	
	1	30mi n
	2	10
	3	35
	4	5
	5	10
	6	10mi n
7	5	
20	1.	10
	2	10
		100

15	1.	3
	2	25% 2
	1000mL	
70	1.	
	1	$m \frac{C m}{C}$
	25% 4g	15

	2	4g	25%	
			2	10
		0.1g	4	
	2			
	2			
	1	1000mL	2L	5
	2			5
	3		30	15
	4			10
	5			10
15	1.			5
	2.			5
	3.			5
				100

12 1-12

1

55 " 2 "

T 38.5 P 110 /

2

2

	1	2
	1	2

3

60

30

10

20

40%  
25%  
35%

30	1.	10
	2	
	1                  2	5
	2	
		5
		5
		5
70	1.    20% 0.1%    30	15
	2    75%                  2%	10
	3	10
	4.	10
	5.	10
	6.	15
		100

20	1.	3
	2.	3
	3.	3

	4.	3	
	5.	8	
75	1.	5	
	2.	5	
	3.		
	1	5	
	2	10	
	3	5	
	4. Kerni g		
	1	10	
	2	5	
	3	10	
		135 <135	10
	5. Brudzi nski		
	1	10	
	2	5	
3	5		
5		5	
		100	

12	1.	4
	2.	8
78	<b>1.</b>	
	1	6
	2	6

	3	8	
	4	6	
	5	5	12
	2		
	1	6	
	2	6	
	3	6	
	4	10	
	5	6	
	6	6	
	10	1.	3
2.		3	
3.		4	
		100	

13. 1-13

1

27

) 5

5

20

(

BP 97/60mmHg

T 38.8

WBC  $20 \times 10^9/L$  N 0.85

RBC  $600 \times 10^9/L$  Hb 7g/dl



+++ RBC 10/HP

2

	1	2	3
	75%		
	1	2	

3

60                      30                      10                      20

4

40%

25%

35%

30	1.	10
	2.	10
	3.	10
70	1.	8
	2.	8
	3.	9
	4.	9
	5.	9
	6.	9
	7.	9
	8.	9
		100

20	1.	3	
	2.	3	
	3.	3	
	4.	3	
	5.	8	
60	1.	10	
	2.		
	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
7		5	
20	1.	10	
	2.	10	
		100	

12	1.	4
	2.	8
78	1.	
	1	6
	2	6
	3	8
	4	6

	5	5	12
	2		
	1		6
	2		6
	3		6
	4		10
	5		6
	6		6
10	1.		3
	2.		3
	3.		4
			100

$$\begin{aligned}
 & 14. \quad 1-14 \\
 & \quad 1 \\
 & \quad 6 \quad \quad \quad 4 \quad \quad \quad 8 \quad 29 \quad \quad \quad T \\
 & 40 \quad \quad \quad + \quad \quad \quad + \quad \quad \quad 200\times \\
 & 10^6/L \quad \quad 0.54 \quad \quad 0.46 \quad \quad 14 \times 10^9/L \quad \quad 0.86 \\
 & \quad \quad \quad \quad \quad 2
 \end{aligned}$$

2		
---	--	--

	1	2	3	
	1	2		

3  
60      30      10      20  
4  
40%  
25%  
35%

30	1.	10
	2.	10
	3.	10
70	1.	
	1	8
	2	8
	3	8
	4	8
	2.	8
	3.	10
	4.	10
	5.	10
		100

	1.	3

	2	3
	3	3
	4.	3
	5.	8
75	1.	5
	2	5
	3.	
	1	5
	2	10
	3	5
	4. Kerni g	
	1	10
	2	5
	3	10
	135 <135	
	5. Brudzi nski	
	1	10
2	5	
3	5	
5		5
		100

---

8	1.	4
	2	1 100 84 4
80	1.	5
	2	3

---

	3	10
	4	5
	5 15-20	6
	6 Z	15
	7.	
	1 3	15
	2	4
	8	5
	9	5
	10	7
12	1.	4
	2	4
	3	4
		100

15. 1-15  
1  
10  
1 9 24 10 10  
350 30 64  
-HAV I gM -HBc I gM -HCV -HEV I gM  
-HBs

25%

2 L

500mg/L

2

	1	2	3
	1000mL		75%
		25%	
	1	2	

3

60

30

10

20

4

40%

25%

35%

40	1.	10
	2	
	1	10
	2	10
	3	- HAV I gM 10
60	1.	
	1	10
	2	10
	2	

	1 " "	10
	2	10
	3	
	1 - HAVI gG	10
	2	10
		100

20	1.	3
	2	3
	3	3
	4.	3
	5.	8
60	1.	10
	2	
	1 30mi n	5
	2	10
	3 35	5
	4	5
	5	10
	6 10mi n	10
7	5	
20	1.	10
	2	10
		100

15	1.	3
	2 25% 1000mL	12
	1.	



70	1			$m \frac{C m}{C}$	15
	2	25%	4g	25%	
			4g		
			0.1g		10
			2		
		2			
	2				
	1	1000mL	2L		5
	2				5
	3			30	15
	4				10
	5				10
	1.				5
	2.				5
15	3.				5
					100

1. 2-1

1

56

1

1

140/90mmHg

30

T 36 P 80 / R 18 / BP 145/95mmHg

Hb 135g/L WBC 6.0x 10<sup>9</sup>/L N 0.70 L 0.30 PLT 205x 10<sup>9</sup>/L

-

-

	1	2
		1 1
	1	2

3  
60 40 10 20  
4  
40%  
25%  
35%

40	1.	10
	2.	
	1	6
	2	6
	3	6
	4 145/95mmHg 1	6
	5	6
30	1.	6
	2.	6
	3.	6
	4.	6
	5.	6
40	1.	8
	2.	8
	3. BMI	8
	4.	8
	5.	8
		100

20	1.	3	
	2.	3	
	3.	3	
	4.	3	
	5.	6	
	6.	2	
60	1.	10	
	2.		
	1	" 0"	2
	2	" 0"	3
	3	2. 5cm	3
	4		2
	5		10
	6	30mmHg 2-6mmHg/s	5
	7	10 10	20
8	5mmHg 1-2	5	
20	1.	10	
	2.	10	
		100	

	1.	3

20	2	3
	3	3
	4	3
	5	8
65	1.	5
	2	5
	3	
	1	5
	2	5
	3	5
	4	10
	5	10
	6	10
7	2	10
15	1.	5
	2	5
	3	5
		100

2 2-2

1

64

3000mL

6 /

1 /

6

5kg

12.5mmol /L

(+)

"

"

T 36 P 78 / R 18 / BP 128/86mmHg

- -

-

Hb 120g/L WBC  $7.8 \times 10^9/L$  N 70% L30% PLT  $230 \times 10^9/L$

-            ++            -            -            13.7mmol /L

2

	1            2	
	1            1	
	1            2	

3

70            30            20            20

5

1            40%  
25%  
35%

30	1. 11.1mmol /L(200mg/dl )	10
	2.            7.0mmol /L(126mg/dl )	10
	3.            75g            2 11.1mmol /L(200mg/dl )	10
70	1.	
	1	10
	2	5
	3	5
	2	
	1	10
	2	10

	3	10
	3.	
	1	10
	2	10
		100

20	1.	3	
	2.	3	
	3.	3	
	4.	3	
	5.	6	
	6.	2	
60	1.	10	
	2.		
	1	" 0"	2
	2	" 0"	3
	3	2.5cm	3
	4		2
	5	30mmHg	10
	6	2-6mmHg/s	5

	7 10 10	20
	8 5mmHg 1-2	5
20	1.	10
	2.	10
		100

20	1.	4
	2.	4
	3.	4
	4.	4
	5.	4
68	1.	4
	2.	4
	3.	
	1	4
	2	4
	3	8
	4	8
	5	6
	6	6
	7	3 - 6
	4.	
	1	4
2	4	
	1.	4

12	2	4
	3	BM
		100

3. 2-3

1

2022

158. 70/10

167. 06/10

3

2

	1	2
	1	2

3

65

30

15

20

4

40%

25%

35%

40	1.	
	1	5
	2	10
	3	HBV HCV HPV HIV EB



	2	5
	3	
	1	5
	2	5
	3	5
60	1.	10
	2	10
	3	
	1	15
	2	15
	3	10
		100

20	1.	3
	2	3
	3	3
	4	3
	5	6
	6	2
70	1.	5
	2	5
	3	
	1	8
	2	2
	4.	
	1	5
	2	10
	3	5
	4	15

	5	15
10	1	10
		100

20	1.	4
	2.	4
	3.	4
	4.	4
	5.	4
68	1.	4
	2.	4
	3.	
	1	4
	2	4
	3	8
	4	8
	5	6
	6	6
	7	3 - 6
	4.	
	1	4
2	4	
12	1.	4
	2.	4
	3.	BMI
		100

1. 3-1

1

2 40

25%

2L

500mg/L

2

	1 2 3	
	1000mL 25%	
	1 2	

3

60

30

10

20

4

40%

25%

35%

28	1.	8
	2	
	1	5
	2 2	5
	3	5
	4	5
	1.	

72	1	5
	2	5
	3	5
	4	5
	2	
	1	5
	2	5
	3	5
	4	5
	3.	
	2	6
	30	
	4.	
	1	2
	2	2
	3	2
	5.	
	1	4
	2	4
	3	4
	4	4
5	4	
	100	

20	1.	3
	2.	3
	3.	3
	4.	3
	5.	4
	6.	2
	7.	2
70	1.	5

	2.	5
	3.	5
	4.	
	1	20
	2 2-3	20
	3	15
10		10
		100

	1.	3
15	2. 25% 1000mL 2	12
	1.	
	1 $m \frac{C m}{C}$	15
	25% 4g 4g 25%	
	2 4g 25% 2 0.1g 4	10
70	2 2	
	2.	
	1 1000mL 2L	5
	2	5
	3 30	15
	4	10
	5	10
	1.	5
15	2.	5
	3.	5

		100

2

3-2

1

10

3

2

	1	2	3
	1		2

3

60

30

10

20

4

40%

25%

35%

	1.	10
	2.	
28	1	6
	2	6

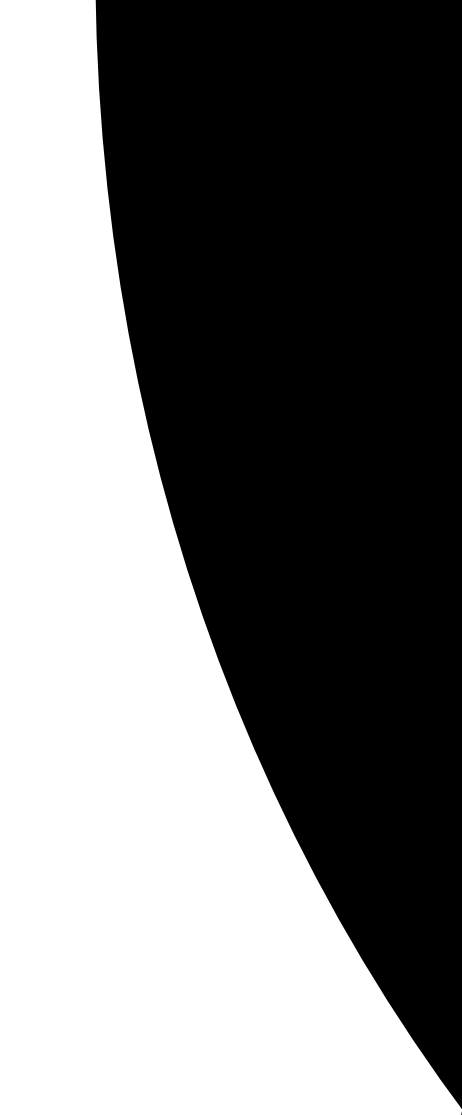
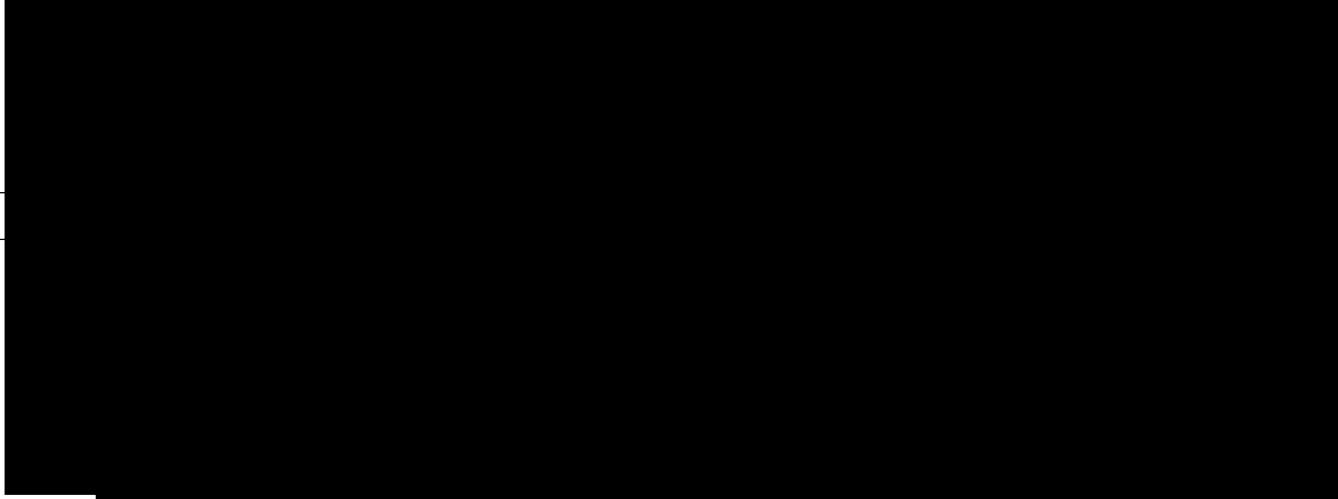
	3	6
72	1.	
	1	5
	2	5
	3	5
	4	5
	2.	
	1	5
	2	5
	3	5
	4	5
	3.	
	2	6
	30	
	4.	
	1	2
	2	2
	3	2
	5.	
	1	4
	2	4
	3	4
4	4	
5	4	
		100

20	1.	3
	2.	3
	3.	3
	4.	3
	5.	8
65	1.	5
	2.	5
	3.	

1  
2  
3

5  
5  
10  
10





of 104 (A)



17	2	6
	3.	8
12	1.	6
	2	6
15		15
		100

20	1.	4
	2	4
	3.	4
	4.	4
	5.	4
68	1.	4
	2	4
	3.	
	1	4
	2	4
	3	8
	4	8
	5	6
	6	6
	7	3 - 6
	4.	
	1	4
2	4	
12	1.	4
	2	4
	3.	BMI

		100

15	1.	5
	2.	5
	3.	5
15	1.	5
	2.	5
	3. 25	5
60	1.	10
	2.	15
	3. 2cm	15
	4. 1cm	10
	5. 0.5mm 2mm	10
10		10
		100

4. 3-4

1

28

35

2

	1	2
	1	2

3

60                      30                      10                      20

4

40%

25%

35%

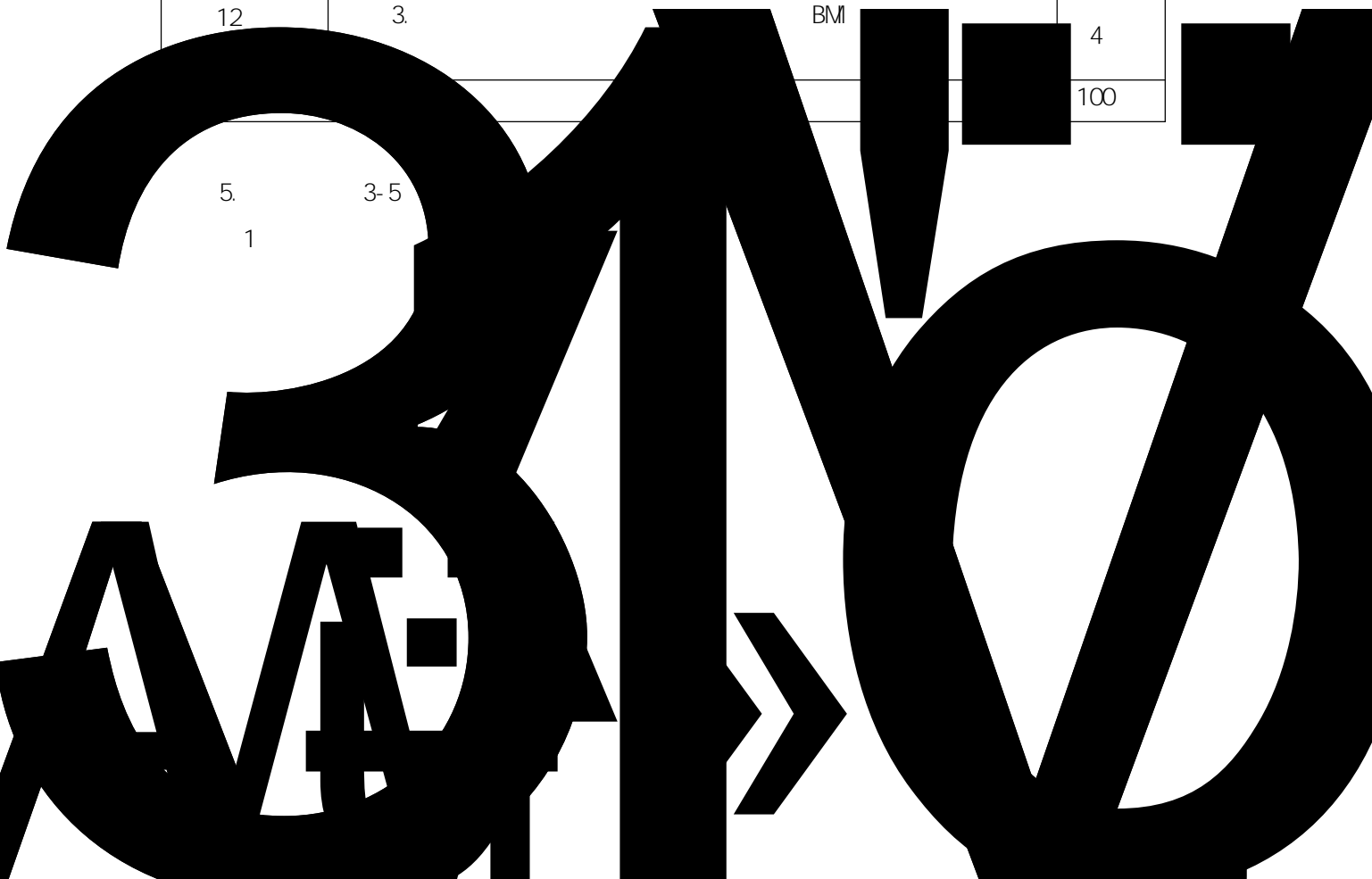
35	1.	450kcal /d	5
	2.	30g/d	5
	3.	20- 30%      EPA+DHA250mg/d	5
	4.	1000mg/d    29mg/d    9. 5mg/d	5
	5.	VA 770ugRAE/d    VB <sub>1</sub> VB <sub>2</sub> 1. 5mg/d    VB <sub>6</sub> 2. 2mg/d    600ugDFE/d	5
15	1.		5
	2.	350mg	5
	3.		5
50	1.		10
	2.		10
	3.		10
	4.		10

--	--	--

1.	3
2.	3
3.	3
4.	3
5.	6
6.	

	5.		4
68	1.		4
	2.		4
	3.		
	1		4
	2		4
	3		8
	4		8
	5		160
	6		6
	7	3 - 6	4
	4.		
	1		4
	2		4
12	1.		4
	2.		4
	3.	BMI	4
			100

1



5. 3-5  
1

	1	2	
	1000mL		25%
	1	2	

3  
70                      30                      20                      20

4

40%

25%

35%

30	1.	10
	2.	10
	3.	10
40	1.	8
	2.	8
	3.	12
	4.	12
30	1.	10
	2.	14
	3.	6
		100

12	1.	4
	2.	4
	3.	4

15	1.	5
	2	7
	3.	3
73	1.	
	1	10
	2	10
	3	8
	4 250g	10
	5	7
	6	8
	2	10
	3.	10
		100

15	1.	3
	2 1000mL	25% 2 12
70	1.	
	1 25% 4g	$m \frac{C m}{C}$ 15
	2 4g 25%	2 4 10
	2 0.1g	2 4
	2 2	2
	1 1000mL 2L	5
	2	5
3	30 15	



	4	10
	5	10
15	1.	5
	2.	5
	3.	5
		100

1. 4-1  
1

2

	1	2	3
	1		2

3  
70                      30                      20                      20  
4

40%  
25%

35%

16	1.	5
	2	6
	3.	5
84	1.	7
	2	7
	3.	7
	4.	7
	5.	7
	6.	7
	7.	7
	8.	7
	9.	7
	10.	7
	11.	7
	12	7
		100

20	1.	3
	2	3
	3.	3
	4.	3
	5.	4
	6.	2
	7.	2
70	1.	5
	2	5
	3.	5



	100
--	-----

2      4-2  
1

2

	1	2	3
	5L		
	1		2

3  
70                  30                  20                  20

4

40%

25%

35%

30	1.	10
	2.	10
	3.	10
40	1.	10
	2.	
	1	5

	2	5
	3	5
	4	Hörner 5
	5	5
	6	5
	30	1. 2. 3.
		100

20	1.	3
	2.	3
	3.	3
	4.	3
	5.	8
70	1.	5
	2.	5
	3.	
	1	20
	2	40
10		10

	100
--	-----

15	1.	5
	2.	5
	3.	5
15	1.	5
	2. 5L	5
	3.	5
70	1.	
	1 15m n	8
	2 3	8
	3 3-5L	8
	4	8
	5	
	6	8
	2.	10
	3.	10
		100

3. 4-3

1  
2022 11

" "

3

	1      2      3	
		75%
	1      2	

3  
60      30      10      20  
4  
40%  
25%  
35%

35	1.	10
	2	
	1	5
	2	5
	3	5
	4	5
	5	5
30	1.	6
	2	6
	3	90%      8% 6
	4	6
	5	6
	1.	5
	2	5

35	3.	6
	4.	5
	5.	6
	6.	4
	7.	4
		100

20	1.	3	
	2.	3	
	3.	3	
	4.	3	
	5.	8	
60	1.	10	
	2.		
	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
7		5	
20	1.	10	
	2.	10	
		100	

15	1.	5
	2.	5
	3.	5
	1.	5



10	2	5
75	1.	
	2	
	3	5
	4.	
	5.	m/s
	6	Hbl d
	7.	
	8.	
		100

4. 4-4

1

20 50

2

	1 2 3	
	1 2	

3

80

30

10

40

4

40%

25%

35%

50	1. SO <sub>2</sub> NO <sub>x</sub>	8
	2.	
	1	5
	2	5
	3. SO <sub>2</sub> O <sub>3</sub> NO <sub>x</sub>	8
	4.	8
	5.	8
	6.	8
50	1.	5
	1	5
	2	5
	3	5
	2	5
	1	5
	2	5
	3	15
		100

20	1.	3
	2	3
	3	3
	4.	3

70

5

6

1.

2

2

3

1

2μ

6

2

3

2

5

20



e: 101. 2: 101 e:

10

J h

VE



8119. U V9DX0

	4	10
	5	10
	$c = \frac{m_2 - m_1}{q \times t} \times 1000$ <p>           90%         </p> <p>           3.      c                      mg/m<sup>3</sup>    η                    m<sub>2</sub>                      q                      L/min      t                    min         </p>	10
8	1.	4
	2.	4

1.          5-1          1

1

4 28                                      9

-

Hb 100g/L                      32.6%    RBC 3.32 × 10<sup>12</sup>/L    WBC 1.5 × 10<sup>9</sup>/L                      50

× 10<sup>9</sup>/L    X                                      -

2

	1          2                      3	
	1                                      2	

60

30

10

20

4

1 40%

25%

35%

1

58	1. " " 5	20
	2.	
	1 5 3	8
	2 6 6	12
	3 Hb 100g/L 32. 6% RBC 3. 32× 10 <sup>12</sup> /L WBC 1. 5× 10 <sup>9</sup> /L 50× 10 <sup>9</sup> /L	8
	4	10
42	1.	7
	2.	7
	3.	7
	4.	7
	5.	7
	6.	7
		100

20	1.	3
	2.	3
	3.	3
	4.	3

	5	6
	6	2
70	1.	3
	2	2
	2	5
	3	
	1	20
	2	20
	3	20
10		10
		100

12	1.	4
	2.	4
	3.	4
8	1.	4
	2.	4
60	1.	8
	2.	15
	30-130dB	A
	3. FAST	8
	4. SLOW	8
	5. MAX	8
	6.	8
7.	5	
20	1. FAST	5
	2. SLOW	5
	3. MAX	5
	4. dB	5

	100
--	-----

2                    5-2                    2

1

2022    6

5

500m<sup>2</sup>

520mg/m<sup>3</sup>

594.3mg/m<sup>3</sup>

m<sup>2</sup>

	5.	10
50	1.	10
	2.	10
	3.	10
	4.	10
	5.	10

20	1.	3
	2.	3
	3.	3
	4.	3
	5.	8
65	1.	5
	2.	5
	3.	
	1	5
	2	5
	3	20
	4	25
10	10	
	1.	5



15

2

	1      2      3	
	1                                  2	

3  
60                  30                  10                  20

4

40%

25%

35%

40	1.	8
	2.	8
	3.	8
	4.	8
	5.                                  +	8
60	1.	10
	2.	10
	3.	10
	4.	10
	5.	10
	6.	10
		100

	1.	3

20	2.	3
	3.	3
	4.	3
	5.	8
60	1.	10
	2.	10
	3.	
	1	20
	2	20
20	1.	10
	2.	10
		100

15	1.	5	
	2.	5	
	3.	5	
10	1.	5	
	2.	5	
75	1.	0.75m	10
	2.	" "	10
	" "	2.0m x 2.0m	
	3.		
	1		5
	2		6
	3		5
	4		8
5	lux range	8	

	6 H lx	lux	8
	7		5
	8		5
	9		5
			100

4. 5-4

1

15

2

1

2

3

1

	3	X	7
	4		7
64	1.		8
	2		8
	3		8
	4.		8
	5.		8
	6		8
	7.		8
	8		8
			100

20	1.		3
	2		3
	3.		3
	4.		3
	5.		8
60	1.		10
	2		10
	3.		
	1		20
	2		20
20	1.		10
	2.		10
			100

12	1.		4
	2.		4

	3	4
10	1.	4
	2	6
70	1.	
	1	6
	2	6
	2	
	1	1.5
	2	10
	15-40L/min	
	3	10
	4	10
	5	10
	90%	
	$c = \frac{m_2 - m_1}{q \times t} \times 1000$	
	$c \quad \text{mg/m}^3 \quad \eta$	10
	$m_2 \quad q \quad \text{L/min} \quad t$	
	$m_1 \quad \text{min}$	
8	1.	4
	2	4

# (精选案例组合题)

试题编号: 01

1  
66 3 2020 1 30  
C  
EB EB  
IgG 50 AU/ml  
2 2

2

	1	2	3
	N95		75%
	1	2	

3  
70 30 10 30  
4  
40%  
25%  
35%

40	1.	10
	2	
	1	5

	2	5	
	3	C	10
	4		5
	5		5
60	1.		6
	2.		6
	3.		6
	4.		6
	5.		6
	6.		6
	7.	N95	6
	8.		6
	9.		6
	10.		6
			100

20	1.		3
	2.		3
	3.		3
	4.		3
	5.		8
60	1.		10
	2.		
	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
6	10mi n	10	



	7	5
20	1.	10
	2.	10
		100

7	1. N95	4
	2.	3
83	1.	
	1	2
	2	4
	3 N95	4
	4	4
	5	10
	6	4
	7	4
	8	4
	9	4
	2	
	1	2
	2	4

	3	2
	4	10
	5	2
	6	4
	7	2
	8	4
	( )	
	9	2
	10	4
	11	2
	12	3
	13	3
10	1.	3
	2.	3
	3.	4
		100

试题编号：02

1

31

2 3

8

2 10

H5N1

2

	1	2 3

		75%	
	N95		
	1	2	

3  
70                      30                      10                      30

4

2                      40%

25%

35%

36	1.	9
	2                      2	9
	3.	9
	4.	9
64	1.	
	1	4
	2	4
	3                      48	4
	4	4
	5	4
	6                      I CU	4
	2.	
	1	4
	2	4
	3	4
	4	4
	5	4
	3.	

	1	4
	2	4
	3	4
	4	4
	5	4
		100

20	1.	3	
	2	3	
	3	3	
	4.	3	
	5.	8	
60	1.	10	
	2		
	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
7		5	
20	1.	10	
	2	10	
		100	

7	1. N95	4
	2.	3
83	1.	
	1	2

2		4
3	№5	
		4
4		4
5		
		10
6		4
7		4
8		

	11	2
	12	3
	13	3
10	1.	3
	2.	3
	3.	4
		100

试题编号: 03

2  
2022 11 15

H1N1

2

	1	2	3	
	75%			
	1	2		

3  
60                      30                      10                      20  
4

1                      40%  
25%  
35%

45	1.	4
	2.	6
	3.	6
	4.	6
	5.	6
	6.	6
	7.	6
	8.	5
55	1.	
	1	6
	2	5
	3	4
	2	
	1	6
	2	6
	3	6
	3.	
	1	6
	2	6
	3	6
	4	4
		100

20	1.	3
	2.	3
	3.	3
	4.	3
	5.	8
	1.	10

60	2	
	1	30mi n
	2	
	3	35
	4	
	5	
	6	10mi n
	7	
20	1.	
	2	
		100

8	1.	4
	2	1 100 84
80	1.	5
	2.	3
	3.	10
	4.	5
	5.	6
	6.	15
	7.	
	1	15
3		



	2	4
	8	5
	9	5
	10	7
12	1.	4
	2	4
	3.	4
		100

**试题编号：04**

1  
2021 6 2  
5

2

	1	2	3	
	75%			
	1	2		

3  
60 30 10 20

4  
40%  
25%  
35%

30	1.	6
	2	6
	3.	6
	4.	6
	5.	6
70	1.	
	1	10
	2	24
	3	10
	2	
	1	7
	2	7
	3	7
	4	7
	3.	
	1	6
	2	6
		100

20	1.	3
	2	3
	3.	3
	4.	3
	5.	8
60	1.	10
	2.	

	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
	7		5
20	1.		10
	2.		10
			100

12	1.	4
	2.	8
78	<b>1.</b>	
	1	6
	2	6
	3	8
	4	6
	5	5
		12
	<b>2.</b>	
	1	6
	2	6
	3	6

	4	10
	5	6
	6	6
10	1.	3
	2.	3
	3.	4
		100

**试题编号：05**

1

4 7 13

39

7 18 37 38.5

32 EV71

2

	1 2 3	
	75%	
	1 2	

3

60

30

10

20

c

4

40%

25%

35%

---

---

1.

10

2.

1

5

2

5

40

3

u

37

5

4

5

5

5

1.

10

10

2.

10

3.

10

4.

60

' o u

10

5.

10

6.

10

100

---

	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
	7		5
20	1.		10
	2.		10
			100

8	1.		4
	2.	1 100 84	4
80	1.		5
	2.		3
	3.		10
	4.		5
	5.	15-20	6
	6.	Z	15
	7.		
	1		15
		3	
	2	4	

	8.	5
	9.	5
	10.	7
12	1.	4
	2.	4
	3.	4
		100

**试题编号：06**

1

2226

735

2020 9 6 11

15 70

43

27

1 2

Q

2

	1	2
		3
	75%	
	N95	
	1	2

3

70

30

10

30

40%  
25%  
35%

35	1.	20
	2.	10
	3.	5
50	1.	
	1	10
	2	5
	3	5
	4	10
	2.	
	1	5
	2	5
	3	5
	4	5
	5	5
	6	5
		100

	1.	3
	2.	3
20	3.	3
	4.	3
	5.	8
	1.	10
	2.	
60	1	



	3	35	5
	4		5
	5		10
	6	10min	10
	7		5
20	1.		10
	2.		10
			100

7	1.	N95	4
	2.		3
83	1.		
	1		2
	2		4
	3	N95	4
	4		4
	5		10
	6		4
	7		4
	8		4
9		4	

	2	
	1	2
	2	4
	3	2
	4	10
	5	2
	6	4
	7	2
	8	4
	( )	
	9	2
	10	4
10	1.	3
	2.	3
	3.	4
		100

试题编号: 07

1

11 8 -16

5

4-5

125

11 20

2

	1	2	3
			75%
	1	2	

3  
↓  
60                    30                    10                    20  
4

40%  
25%  
35%

а) 10% 20% 30% 40%

б) 10% 20% 30% 40%

в) 10% 20% 30% 40%

1.		10
2.		10
3.	а) б	10
4.	"	

4с

3



10		10
		100

20	1.	3	
	2.	3	
	3.	3	
	4.	3	
	5.	8	
60	1.	10	
	2.		
	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
7		5	
20	1.	10	
	2.	10	
		100	

8	1.	4
	2.	1 100 84
80	1.	5
	2.	

	3.	10
	4.	5
	5. 15-20	6
	6. Z	15
	7.	
	1 3	15
	2	4
	8.	5
	9.	5
	10.	7
12	1.	4
	2.	4
	3.	4
		100

试题编号: 08

1  
2008 8 7 17 00

10

3

2008 7 10

39.5

8 10 ( )  
7.4× 10<sup>9</sup>/L

2

	1	2	3		
		1		2	

3

60                      30                      10                      20

4

40%

25%

35%

19	1.	8
	2	2
	3	9
81	1.	
	1	9
	2	9
	3	9
	2	
	1	9
	2	9
	3	9
	3	
	1	9
	2	9
	3	9
		100

- 1.
- 2.
- 3.

3  
3

	3.	10
	4.	5
	5. 15-20	6
	6. Z	15
	7.	
	1 3	15
	2	4
	8	5
	9.	5
	10.	7
12	1.	4
	2.	4
	3.	4
		100

试题编号: 09

1

36

3

3

38.2

10



Hb 124g/L WBC 16.4 × 10<sup>9</sup>/L N 88% L 12% PLT 200 × 10<sup>9</sup>/L  
 VBC /HP RBC 3-5/HP

2

	1	2	3
	75%		
	1	2	

3  
 60                    30                    10                    20

4

40%  
 25%  
 35%

40	1.	10
	2	
	1                    3	10
	2                    10	10
	3	10
	1.                    "                    "	10

60		
	2	10
	3	10
	4	10
	5	10
	6	10
		100

	1.	3
	2	3
20	3.	3

78	1.		
	1	6	
	2	6	
	3	8	
	4	6	
	5	5	12
	2		
	1	6	
	2	6	
	3	6	
	4	10	
	5	6	
	6	6	
	10	1.	3
2.		3	
3.		4	
		100	

试题编号：10

1

45 " 8 2 " 8  
 40 6  
 T 39.2 P110 / R 28 / BP 94/60mmHg

WBC 19.6 × 10<sup>9</sup>/L

N O 83

2

	1	2	3
	1	2	

3

60 30 10 20

4

40%  
 25%  
 35%

30	1.	5
	2	
	1	5
	2	15
	3	5

70	1.	
	1	7
	2	6
	3	6
	4	6
	5	6
	2.	
	1	6
	2	7
	3	6
	3.	
	1	7
	2	6
	3	7
		100

20	1.	3
	2.	3
	3.	3
	4.	3
	5.	6
	6.	2
70	1.	5
	2.	5
	3.	
	1	8
	2	2
	4.	
	1	5

	2	10
	3	5
	4	15
	5	15
10	1	10
		100

8	1.	4
	2.	1 100 84
80	1.	5
	2.	3
	3.	10
	4.	5
	5.	6
	6.	15
	7.	
	1	15
	2	4

	8.	5
	9.	5
	10.	7
12	1.	4
	2.	4
	3.	4
		100

**试题编号： 11**

1

2020 12 , 105.3 HIV

35.1

25% 2L

500mg/L

2

	1	2 3
	1000mL	75% 25%
	1	2

3

60 30 10 20

4

40%

25%

35%

42	1. HIV	7
	2. HIV /AIDS	7
	3. HIV /AIDS	7
	4.	7
	5. CD4+	7
	6. HIV 72 4	7
58	1.	
	1 HIV /AIDS	8
	2	8
	2.	
	1	8
	2	8
	3	8
	4	8
	3.	10
	100	

20	1.	3
	2	3
	3	3
	4	3
	5	8
60	1.	10
	2.	



	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
	7		5
20	1.		10
	2.		10
			100

15	1.		3
	2.	25% 1000mL	2 12
70	1.		
	1	$m \frac{C m}{C}$ 25% 4g	15
	2	4g 25% 0.1g 2	2 4 10
	2.		
	1	1000mL 2L	5
	2		5
	3	30	15
	4		10
	5		10
15	1.		5
	2.		5
	3.		5
			100

试题编号：12

1

55

"

2 "

T 38.5 P 110 /

2

2

	1	2
	1	2

3

60

30

10

20

4

40%

25%

35%

30	1.	10	
	2.		
	1	2	5
	2		
			5
			5
70	1.	20%	
	0.1%	30	15
	2	75%	2%

	3.	10
	4.	10
	5.	10
	6.	15
		100

20	1.	3
	2.	3
	3.	3
	4.	3
	5.	8
75	1.	5
	2.	5
	3.	
	1	5
	2	10
	3	5
	4. Kerni g	
	1	10
	2	5
	3	10
135 <135		10

	5. Brudziński	
	1	10
	2	5
	3	5
5		5
		100

12	1.	4
	2.	8
78	<b>1.</b>	
	1	6
	2	6
	3	8
	4	6
	5	5
		12
	<b>2.</b>	
	1	6
	2	6
	3	6

	4	10
	5	6
	6	6
10	1.	3
	2.	3
	3.	4
		100

试题编号: 13

1  
 27 5 20 ( ) 5 BP 97/60mmHg  
 T 38.8

WBC  $20 \times 10^9/L$  N 0.85 RBC  $600 \times 10^9/L$  Hb 7g/dl  
 +++ RBC 10/HP

2

	1	2	3	
	75%			
	1	2		

3  
 60 30 10 20

4

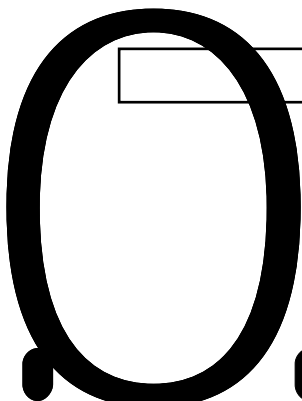
40%  
25%  
35%

30	1.	10
	2.	10
	3.	10
70	1.	8
	2.	8
	3.	9
	4.	9
	5.	9
	6.	9
	7.	9
	8.	9
		100

1.

20

	7	5
20	1.	10
	2.	10
		100



	6	6
10	1.	3
	2.	3
	3.	4
		100

试题编号: 14

$$\begin{array}{ccccccc}
 & 1 & & & & & \\
 & 6 & & 4 & & 8 & 29 & T \\
 40 & & + & & + & & & 200 \times \\
 10^6/L & 0.54 & & 0.46 & & 14 \times 10^9/L & & 0.86 \\
 & & & 2 & & & & 
 \end{array}$$

2

	1	2
		3
	1	2

$$\begin{array}{cccc}
 3 & & & \\
 60 & 30 & 10 & 20 \\
 4 & & & \\
 & & & 40\% \\
 & & & 25\% \\
 & & & 35\%
 \end{array}$$

	1.	10



30

2

10

3

10

1.

1

8

2

8

3

8

4

8

70

2

	3 135 <135	10
	5. Brudziński	
	1	10
	2	5
	3	5
5		5
		100

	1.	4
8	2 1 100 84	4
	1.	5
	2	3
	3	10
	4.	5
80	5. 15-20	6
	6. Z	15
	7.	
	1	15

	3	
	2	4
	8	5
	9	5
	10	7
12	1.	4
	2.	4
	3.	4
		100

试题编号: 15

1

10

1 9 24 10 10

350 30 64

-HAV I gM -HBc I gM -HCV -HEV I gM

-HBs

25% 2L

500mg/L

2

	1 2 3	
	1000mL	75% 25%

	1	2

3  
60                      30                      10                      20  
4

40%  
25%  
35%

40	1.	10
	2	
	1	10
	2	10
	3	- HAV I gM
60	1.	
	1	10
	2	10
	2	
	1	10
	" "	
	2	10
	3	
	1	- HAV I gG
2	10	
		100

	1.	3

20	2	3	
	3	3	
	4	3	
	5	8	
60	1.	10	
	2		
	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
7		5	
20	1.	10	
	2.	10	
		100	

15	1.	3
	2 1000mL	25% 12
70	1.	
	1	$m \frac{C m}{C}$ 15
	2	25% 4g 25% 10
	2	4g 0.1g 2 4
	2	2
	1	1000mL 2L 5
	2	5
	3	30 15
4	10	

试题编号: 16

1

56

1

1

140/90mmHg

30

T 36 P 80 / R 18 / BP 145/95mmHg

Hb 135g/L WBC  $6.0 \times 10^9/L$  N 0.70 L 0.30 PLT  $205 \times 10^9/L$

-

-

2

1

2

1

1

1

2

40	1.	10	
	2.		
	1	6	
	2	6	
	3	6	
	4	145/95mmHg 1	6
	5		6
30	1.	6	
	2.	6	
	3.	6	
	4.	6	
	5.	6	
40	1.	8	
	2.	8	
	3.	BMI	8
	4.		8
	5.		8
		100	

20	1.	3	
	2.	3	
	3.	3	
	4.	3	
	5.	6	
	6.	2	
60	1.	10	
	2.		
	1	" 0"	2
	2	" 0"	3

	3	2.5cm
	4	
	5	30mmHg
	6	2-6mmHg/s
	7	10
	8	10
	5mmHg	1-2
20	1.	10
	2.	10
		100

	1. #•H 6; Í >á ý Bú )ç ÿpÐˆ0	3
	2.	3
20	3.	3
	4.	3
	5.	8
	1.	5
	2.	5
	3.	
65	1	>
	2	5



	4	10
	5	10
	6	10
	7	2
15	1.	5
	2.	5
	3.	5
		100

试题编号: 17

1

64

3000mL

6 /

1 /

6

5kg

12.5mmol /L

(+)

"

"

T 36 P 78 / R 18 / BP 128/86mmHg

-

-

-

Hb 120g/L WBC  $7.8 \times 10^9/L$  N 70% L30% PLT  $230 \times 10^9/L$

-

++

-

-

13.7mmol /L

2

	1	2
	1	1

	1	2	
--	---	---	--

3  
70 30 20 20  
7  
1 40%  
25%  
35%

30	1. 11. 1mmol /L( 200ng/dl )	10
	2. 7. 0mmol /L( 126ng/dl )	10
	3. 75g 2 11. 1mmol /L( 200ng/dl )	10
70	1.	
	1	10
	2	5
	3	5
	2	
	1	10
	2	10
	3	10
	3.	
	1	10
	2	10

		100

20	1.	3	
	2.	3	
	3.	3	
	4.	3	
	5.	6	
	6.	2	
60	1.	10	
	2.		
	1	" 0"	2
	2	" 0"	3
	3	2.5cm	3
	4		2
	5	30mmHg	10
	6	2-6mmHg/s	5
	7	10	20
8	5mmHg	1-2	5
20	1.	10	
	2.	10	
		100	

# OWN

20

- 1.
- 2.
- 3.
- 4.
- 5.
- 1.
- 2.
- 3.
- 1

- 4
- 4
- 4
- 4
- 4

68

h 0991 >5

0\00

1

<

=

*f*

=

	1	2
	1	2

3  
65                      30                      15                      20

4

40%  
25%  
35%

40	1.	
	1	5
	2	10
	3	HBV HCV HPV HI V EB
	2	5
	3	
	1	5
	2	5
60	3	5
	1.	10
	2	10
	3	
	1	15
2	15	

	3	10
		100

20	1.	3
	2	3
	3	3
	4.	3
	5.	6
	6.	2
70	1.	5
	2	5
	3	
	1	8
	2	2
	4.	
	1	5
	2	10
	3	5
	4	15
5	15	
10	1	10
		100

20	1.	4
	2	4
	3.	4

	4.	4	
	5.	4	
68	1.	4	
	2.	4	
	3.		
	1	4	
	2	4	
	3	8	
	4	8	
	5	6	
	6	6	
	7	3 - 6	4
	4.		
	1	4	
	2	4	
12	1.	4	
	2.	4	
	3.	BMI	4
		100	

试题编号：19

1

2 40

25%

2L

500mg/L

2

--	--	--

	1	2	3	
	1000mL			25%
	1		2	

3  
60  
4

30      10      20

40%  
25%  
35%

28	1.	8
	2	
	1	5
	2      2	5
	3	5
	4	5
72	1.	
	1	5
	2	5
	3	5
	4	5
	2	
	1	5
	2	5
	3	5
	4	5
	3.	
	2      30	6
	4.	



	1	2
	2	2
	3	2
	5.	
	1	4
	2	4
	3	4
	4	4
	5	4
		100

20	1.	3
	2.	3
	3.	3
	4.	3
	5.	4
	6.	2
	7.	2
70	1.	5
	2.	5
	3.	5
	4.	
	1	20
	2      2-3	20
	3	15
10		10
		100

15	1.	3
	2. 1000mL 25% 2	12
70	1.	
	1 25% 4g 4g 25% $m \frac{C m}{C}$	15
	2 4g 25% 2 0.1g 4 2 2	10
	2.	
	1 1000mL 2L	5
	2	5
	3 30	15
	4	10
	5	10
15	1.	5
	2.	5
	3.	5
		100

试题编号：20

1

10

3

2

	1	2	3
	1	2	

3  
60            30            10            20

4

40%  
25%

35%

28	1.	10
	2	
	1	6
	2	6
	3	6
72	1.	
	1	5
	2	5
	3	5
	4	5
	2	
	1	5
	2	5
	3	5
	4	5

	3.	
	2	6
	30	
	4.	
	1	2
	2	2
	3	2
	5.	
	1	4
	2	4
	3	4
	4	4
5	4	
		100

20	1.	3
	2.	3
	3.	3
	4.	3
	5.	8
65	1.	5
	2.	5
	3.	
	1	5
	2	5
	3	10
		10
4	5 10 10	
15	1.	5
	2	5
	3	5

		100

17	1.	3
	2.	11
	3.	3
73	1.	7
	2.	10
	3.	10
	4. 250g	15
	5.	6
	6.	8
	7.	8
	8.	9
10	1.	3
	2.	3
	3.	4
		100

试题编号：21

1

42

160cm

52kg

2

	1      2	

	1	2

3  
70                      30                      20                      20  
4

40%  
25%  
35%

32	1.    24	3
	2.	
	3.	
	4.	
24	1.                      cm	
	2                      kg	
	3.                      BMI	
	4.                                      mm	
17	1.	
	2.	
	3.	
12	1.	
	2.	
15		
		100

20	1.	4
	2.	4
	3.	4

	4.	4	
	5.	4	
68	1.	4	
	2.	4	
	3.		
	1	4	
	2	4	
	3	8	
	4	8	
	5	6	
	6	6	
	7	3 - 6	4
	4.		
	1	4	
	2	4	
12	1.	4	
	2.	4	
	3.	BMI	4
		100	

15	1.	5
	2.	5
	3.	5
15	1.	5
	2.	5
	3.	25

60	1.		10
	2.		15
	3.	2cm	15
	4.	1cm	10
	5.	0.5mm 2mm	10
10			10
			100

试题编号：22

1

28

35

2

	1	2
	1	2

3

60

30

10

20

4



40%

25%

35%

	1.	450kcal /d		5
	2.	30g/d		5
	3.	20- 30%	EPA+DHA250mg/d	5
35	4.	1000mg/d	29mg/d 9. 5mg/d	5
	5.	VA 770ugRAE/d	VB <sub>1</sub> VB <sub>2</sub> 1. 5mg/d VB <sub>6</sub>	5
	2.	2mg/d	600ugDFE/d	
	1.			5
15	2.		350mg	5
	3.			5

555 5  
22

3

Σ 0.01n

Σ 1.04

Σ 1.04

4



	4	2
	5 30mmHg	10
	6 2-6mmHg/s	5
	7 10 10	20
	8 5mmHg 1-2	5
20	1.	10
	2.	10
		100

20	1.	4
	2.	4
	3.	4
	4.	4
	5.	4
68	1.	4
	2	4
	3	
	1	4
	2	4
	3	8
	4	8
5	6	

	6	6	
	7	3 - 6	4
	4.		
	1		4
	2		4
12	1.		4
	2.		4
	3.	BMI	4
		100	

试题编号：23

1

25%

2L

500mg/L

2

	1	2
	25%	
	1000ml	
	1	2

3

70

30

20

20

4

40%

25%

35%

	2.	10
	3.	10
		100

15	1.	3
	2. 25% 1000mL 2	12
70	1.	
	1 $m \frac{C m}{C}$ 25% 4g	15
	2 4g 25% 2 0.1g 4 2	10
	2	
	1 1000mL 2L	5
	2	5
	3 30	15
	4	10
	5	10
	15	1.
	2.	5
	3.	5
		100

试题编号：24

2

	1	2	3	
		1		2

3

70                      30                      20                      20

4

40%

25%

35%

16	1.	5
	2.	6
	3.	5
84	1.	7
	2.	7
	3.	7
	4.	7
	5.	7
	6.	7
	7.	7
	8.	7
	9.	7

	10.	7
	11.	7
	12.	7
		100

20	1.	3
	2.	3
	3.	3
	4.	3
	5.	4
	6.	2
	7.	2
70	1.	5
	2.	5
	3.	5
	4.	
	1	20
	2      2-3	20
	3	15
10		10
		100

12	1.	4
	2.	4

	3.	4
15	1.	3
	2.	9
	3.	3
73	1.	
	1 0.1mg 125ml	5
	2	15
	3 15mi n	8
	4	10
	5	15
	2.	10
	3.	10
		100

试题编号：25

1

2

	1	2
		3



	5L	
	1	2

3  
70                      30                      20                      20

4

40%

25%

35%

30	1.	10	
	2	10	
	3.	10	
40	1.	10	
	2		
	1	5	
	2	5	
	3	5	
	4	Hörner	5
	5	5	
	6	5	
30	1.	10	
	2.	10	
	3.	10	
		100	

20	1.	3
	2	3
	3.	3
	4.	3
	5.	8
70	1.	5
	2	5
	3.	
	1	20
	2	40
10		10
		100

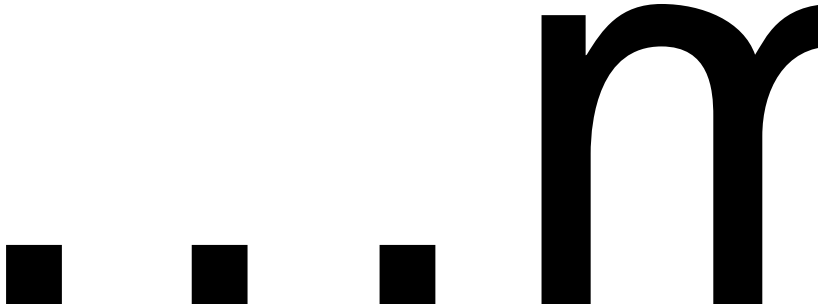
15	1.	5
	2.	5
	3.	5
15	1.	5
	2. 5L	5
	3.	5
	1.	

70	1	15min	8
	2	3	8
	3	3-5L	8
	4		8
	5		
	6		8
	2.		10
	3.		10
			100

试题编号: 26

1  
2022 11 " " 3

5 0



35%

35	1.	10
	2.	
	1	5
	2	5
	3	5
	4	5
	5	5
30	1.	6
	2.	6
	3.	90% 8% 6
	4.	6
	5.	6
35	1.	5
	2.	5
	3.	6
	4.	5
	5.	6
	6.	4
	7.	4
		100

20	1.	3
	2.	3
	3.	3
	4.	3

	5.	8	
60	1.	10	
	2.		
	1	30mi n	5
	2		10
	3	35	5
	4		5
	5		10
	6	10mi n	10
	7		5
20	1.	10	
	2.	10	
		100	

15	1.	5
	2.	5
	3.	5
10	1.	5
	2.	5
75	1.	
	2.	
	3.	5
	4.	
	5.	m/s
	6.	Hbl d
	7.	
	8.	
		100

试题编号：27

1  
20 50

2

	1	2	3
	1		2

3  
80 30 10 40  
4

40%  
25%  
35%

50	1. SO <sub>2</sub> NO <sub>x</sub>	8
	2.	
	1	5
	2	5
	3. SO <sub>2</sub> O <sub>3</sub> NO <sub>x</sub>	8
	4.	8
	5.	8

	6.	8
50	1.	5
	1	5
	2	5
	3	5
	2	5
	1	5
	2	5
	3	15
		100

20	1.	3
	2	3
	3	3
	4.	3
	5.	6
	6	2
70	1.	3
	2	2
	2	5
	3	
	1	20
	2	20
	3	20
10		10
		100

12	1.	4
	2	4
	3.	4
10	1.	4
	2	6
70	1.	
	1	6
	2	6
	2	
	1	8
	2	10
	15-40L/min	
	3	10
	4	10
	5	10
90%		
3.	$c = \frac{m_2 - m_1}{q \times t} \times 1000$	10
c	mg/m <sup>3</sup>	m
m <sub>2</sub>	q	L/min
min	t	
	1.	4



8	2	4
---	---	---

试题编号: 28

1

4 28

9

-

Hb 100g/L      32.6%    RBC  $3.32 \times 10^{12}/L$     WBC  $1.5 \times 10^9/L$       50  
 $\times 10^9/L$     X      -

2

	1	2	3
	1	2	

3

60      30      10      20

4

1      40%

25%

35%

1

58	1.      "      "      5	20
	2	
	1      5      3	8

A0

6

	100
--	-----

12	1.	4
	2.	4
	3.	4
8	1.	4
	2.	4
60	1.	8
	2. 30-130dB                      A	15
	3.                      FAST	8
	4.                      SLOW	8
	5.                      MAX	8
	6.	8
	7.	5
20	1.                      FAST	5
	2.                      SLOW	5
	3.                      MAX	5
	4.                                      dB	5
		100

试题编号：29

1  
2022 6

5

500m<sup>3</sup>

520mg/m<sup>3</sup>

594.3mg/m<sup>3</sup>

2

	1      2      3	
	1                                  2	

3  
 60                      30                      10                      20  
 4

2                      40%  
                             25%  
                             35%

2

50	1.	10
	2.	10
	3.	10
	4                      C	10
	5.	10
50	1.	10
	2.	10
	3.	10
	4.	10
	5	10

20	1.	3
	2	3
	3	3
	4.	3
	5.	8
65	1.	5
	2	5
	3	
	1	5
	2	5
	3	20
	4	25
10	10	
15	1.	5
	2	5
	3	5
		100

12	1.	4
	2	4
	3	4
8	1.	4
	2	4
	1.	8

60	2	30-130dB	A	15
	3.	FAST		8
	4.	SLOW		8
	5.	MAX		8
	6.			8
	7.			5
	20	1.	FAST	
2.		SLOW		5
3.		MAX		5
4.		dB		5
				100

试题编号：30

1

8

3

2000U/L

ChE

2

	1	2
		3
	1	2

3

60

30

10

20

4

40%

25%

35%

	1.		8
	2.		8
	3.		8
40	4.		8
	5.	+	8
	1.		10
	2.		

60

	2.	10
		100

15	1.	5
	2.	5
	3.	5
10	1.	5
	2.	5
75	1. 0.75m	10
	2. " " 2.0m x 2.0m	10
	3.	
	1	5
	2	6
	3	5
	4	8
	5 lux range	8
	6 H lux lux	8
	7	5
	8	5
	9	5
		100

试题编号: 31



2

	1	2	3
	1	2	

3  
80                      30                      10                      40

4

40%  
25%  
35%

36	1.	8
	2	
	1	7
	2	7
	3                      X	7
4	7	
64	1.	8
	2	8
	3	8
	4	8
	5	8
	6	8
	7.	8
	8	8
		100

--	--	--

20	1.	3
	2.	3
	3.	3
	4.	3
	5.	8
60	1.	10
	2.	10
	3.	
	1	20
	2	20
20	1.	10
	2.	10
		100

12	1.	4
	2.	4
	3.	4
10	1.	4
	2.	6
70	1.	
	1	6
	2	6
	2	
	1	8
	1.5	8
2	10	

