



ANGLAIS

Kidney disease

1 Worldwide, it is estimated that Acute Kidney Injury (AKI) causes 1.7 million deaths every year.
2 For this reason, the International Society of Nephrology has set a goal to have zero preventable
3 deaths from acute kidney failure by 2025, especially in Africa, Asia and Latin America.

4 In order to eliminate death from Acute Kidney Injury, strategies need to be developed to detect,
5 diagnose, monitor and manage it. There is little information on the burden of **this disease** in Africa
6 and availability of facilities for acute dialysis. A systematic review demonstrated the inadequate
7 care available for the management of AKI in sub-Saharan Africa. The provision of care for patients
8 was limited by delays in hospitalization. The poor access to health care was the result of an
9 inability to pay for dialysis or the diagnosis of AKI was not made because of limited resources.

10 Mortality in patients for whom dialysis was indicated but not received was 74% in children and
11 86% in adults. This excess in mortality was predicted by an inability to pay for dialysis and patients
12 reporting late with severe symptoms. However, if kidney failure is not met with the right initial
13 treatment, life-threatening complications may develop, necessitating dialysis that is expensive
14 and requires specialized care. Added to **that**, are overburdened healthcare systems, lack of
15 facilities to provide adequate care due to cost constraints, and lack of trained staff.

16 This has resulted in discrepancy between those that need dialysis for AKI and those that receive
17 it. A multinational survey assessing global kidney healthcare highlights the disadvantages
18 experienced in Africa. In the African countries that responded to the survey, only a handful had
19 full funding by government healthcare for hemodialysis and three out of ten for peritoneal dialysis
20 facilities for AKI.

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I. READING COMPREHENSION

A. Find equivalents of the following words in the indicated paragraphs. An example is provided. (2 marks)

Paragraphs	Words	Equivalents in the text
I	Ex: objective	goal (Line 2, Paragraph I)
I	1. severe
II	2. slowdowns
III	3. personnel
IV	4. difference

B. Say whether the following statements are TRUE or FALSE based on the text and justify with reference to the it. (2 marks)

5. There is no deadline for the eradication of AKI ravages in Africa. TRUE / FALSE

6. In Africa, proper measures are set up to manage correctly the acute kidney injury.

TRUE / FALSE

C. Circle the right option based on the information in the text, and justify with reference to it. (2 marks)

7. The most appropriate text title among the following is...

- a. Kidney disease: a serious silent killer
- b. The ravages of kidney disease in the developed world
- c. Challenges in the treatment of kidney disease in Africa
- d. The ravages of kidney disease in the Third World

8. The main idea in Paragraph 2 is...

- a. In search for solutions to kidney disease
- b. Deficiencies in the treatment of kidney disease
- c. Absence of AKI facilities in the world
- d. Successes in the treatment of kidney disease

9. In line 5, "this disease" refers to...

- a. Acute dialysis need
- b. Kidney disease or AKI
- c. Hemodialysis care
- d. Acute Kidney Injury

10. In line 14 the word "that" refers to...

- a. Consequences from failure in treatment
- b. Successes in initial treatment
- c. Complications in the initial treatment
- d. Neither a, b, nor c.

D. Read the text and complete the table below based on the text. An example is provided. (2marks)

Obstacles to kidney failure treatment	Example: little information on the disease 11..... 12..... 13.....
Solutions to kidney failure management	14.....

II. LINGUISTIC COMPETENCE (8 MARKS)

E. Put the verbs between parentheses in the right tenses and forms. (2 marks)

Three years ago, the young Cheikh 15. _____ (to get) one of his kidneys removed through a surgical operation at Fann hospital. He 16. _____ (to suffer) for a long time before the nephrologist 17. _____ (to find out) the

source of his pain. If he 18. _____ (not to operate) in time, he would have lost his life.

F. Fill in the gaps in the following passage with words from the table. (2 marks)

besides	-	due to	-	which	-	whatever	-	fortunately
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Kidney disease is gaining ground in Africa (19.) _____ the fact that people do not care much about what they eat and drink (20.) _____ they tend to resort to auto medication, (21.) _____ can jeopardize their health. 22. _____ the virtues of herbal medicine, its use is problematic in the sense that its promoters do not fully master the dosage.3

G. Circle to indicate the option that would make the sentence correct and meaningful. (2 marks)

23. Acute kidney disease is among the (**curable – curing – incurable**) disorders that is affecting people more and more. 24. Chronic kidney disease (**should – must – can**) be diagnosed using blood and urine tests. 25. These tests look (**on – at – for**) certain substances in the blood of the patient. 26. People suffering from high blood pressure and diabetes are more (**on – at - for**) risk of developing kidney disease.

H. Reformulate the following sentences using the prompts provided without changing the original meaning. An example is provided (2 marks)

Example: He was diagnosed with kidney disease since childhood, yet he led an almost normal life up to his seventies.

Although he was diagnosed with kidney disease since childhood, he led an almost normal life up to his seventies.

27. Ali is a victim of kidney disease but he manages to keep working moderately.

Despite

28. Aunt Adama was not able to pay for regular dialysis; and Uncle Moussa was in the same situation.

Neither Aunt Adama,

III. WRITING (4 marks).

Choose one topic ONLY and write a text of about 150 to 200 words.

TOPIC 1. Essay

You have a family member with kidney disease, and you have just realized the many problems faced by patients with this condition. Write an article to a newspaper to call attention on the issue and suggest solutions.

TOPIC 2. Letter writing

As a responsible citizen, write a letter to the Head of the medical center in your area suggesting ways of improving the functioning of the center.

TOPIC 3. Dialogue

You and your friend are discussing the treatment of patients in Senegalese hospitals. Write down your conversation.

ANSWER KEY**I. READING COMPREHENSION****8 MARKS****A. Find the equivalents of the following words in the indicated paragraphs (2 marks)**

1. acute 2. delays 3. staff 4. discrepancy

B. TRUE or FALSE and justify with reference to the text. (2 marks)

5. False (Lines 2-3-4) "the international Society of Nephrology has set a goal to have zero preventable deaths from acute kidney failure by 2025, especially in Africa, Asia and Latin America."

6. False (Lines 6-7-8) "There is little information on the burden of this disease in Africa and availability of facilities for acute dialysis. A systematic review demonstrated the inadequate care available for the management of AKI in sub-Saharan Africa".

C. Multiple choice. Circle to indicate the option that would make the sentence correct and meaningful. (2 marks)

7. c 8. b 9. d 10. c

D. After reading the text, complete this table below correctly. (2 marks)**Obstacles to kidney failure treatment**

11. Inadequate management of AKI
 12. Late reporting - delays in hospitalization.
 13. ...lack of facilities to provide adequate care due to cost constraints, lack of trained staff, poor access to health care.
 NB: or any other answers that apply.

Solutions to kidney failure management

14. Strategies need to be developed to detect, diagnose, monitor and manage kidney failure.

II. LINGUISTIC COMPETENCE**(8 MARKS)****E. Put the verbs in parenthesis in the right tenses and forms. (2 marks)**

15. got 16. had suffered 17. found out 18. had not been operated

F. Fill in the gaps in the following passage with words from the table. (2 marks)

19. due to 20. Besides 21. which 22. whatever

G. Circle the option that would make the sentence correct and meaningful. (2 marks)

23. incurable 24. can 25. for 26. at

H. Reformulate the following sentences using the prompts provided without changing the original meaning. An example is provided (2 marks)

27. Despite being a victim of kidney disease, Ali manages to keep working moderately.
 Despite the fact that Ali is a victim of kidney disease, he manages to keep working moderately.
 28. If Aunt Adama had been able to pay for regular dialysis, she would not have died prematurely of kidney failure.

III. Writing. (4 marks)**Choose one topic only****Suggested grade distribution criteria for the marking of writing:**

- Text satisfies required length and shows acceptable textual features: (up to 1 mark)
- Text shows understanding of topic / text is relevant to topic: (up to 1 mark)
- Text is free of grammar, spelling and vocabulary errors: (up to 1 mark)
- Text is comprehensible, shows overall textual quality and originality: (up to 1 mark)

NB : Other features of relevance to writing: legibility, punctuation, capitalization, etc.