

Questions 1-7

For each question, 1-7, decide which text (A, B, C or D) the information comes from. You may use any letter more than once.

In which text can you find information about;

1:B

2:A

3:C

4:A

5:B

6:D

7:C

Questions 8-14

Answer each of the questions, 8-14, with a word or short phrase from one of the texts. Each answer may include words, numbers or both.

8:allele frequency

9: Electrophoresis

10: In silico

11: Phosphodiester bonds

12: Aplastic anaemia

13: Sanger sequencing

14: NGS

Questions 15-20

Complete each of the sentences, 15-20, with a word or short phrase from one of the texts. Each answer may include words, numbers or both.

15: enzymopathies

16: hematologic malignancies

17: GRCh38/hg38 version

18: dideoxynucleotide triphosphates

19: Genome Wide sequence

20: first-line approach

PART B

Questions 1-6

1: C Most common in tropical areas but can also occur in temperate zones.

2: B CAR-T is considered more effective.

3: C may result in involuntary movements.

4: A For subjects with normal or subnormal hypertension, it can prevent or delay hypertension.

5: A Major significant differences were observed in 24-h, daytime and nighttime SBP or DBP when using the conventional or custom-made pillow.

6: B The electrocardiogram (ECG) showed broad R waves.

PART C

Text 1: Questions 7-14

7: A Bilateral stenosis.

8: C A patient may have normal renal function even if there is higher bilateral stenosis

9: D Hardening and narrowing of the blood vessels from inside.

10: B Women

11: C Untreatable high BP can be the cause of the renal artery stenosis.

12: B A clear idea of whether narrowing is significant to cause high BP or kidney dysfunction.

13: A Controlling the blood pressure.

14: D A & B

Text 2: Questions 15-22

15: C Blood in the stools.

16: A Which symptoms are associated with rectal bleeding.

17: B True

18: D All of the above

19: D All of the above

20: A Blood thinners can cause rectal bleeding.

21: D Rectal bleeding is identified through taking a stool sample.

22: D Not given