

Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

1. Read the following letter and do the tasks that follow.

Arteries of the heart blocked by plaque can reduce the flow of blood to the heart possibly resulting in heart attack or death. **Plaque** is actually fat and cholesterol that accumulates on the inside of the arteries. The arteries of the heart are small and can be blocked by such accumulations. There is a medical procedure that creates more space in the blocked artery by inserting and inflating a tiny balloon into the blood vessel. It is called coronary balloon **angioplasty**. Angioplasty means "blood vessel repair". When the balloon is inflated, it compresses the plaque against the wall of the artery, creating more space and improving the flow of blood.

Many doctors choose this technique, because it is less **invasive** than bypass surgery. Yes, both involve entering the body cavity, but in bypass surgery, the chest must be opened, the ribs must be cut, and the section of diseased artery must be removed and replaced. To replace it, the patient's body is opened, once again, to acquire a healthy section of artery. Usually, this blood vessel is removed from an artery located in the calf of the leg. This means the patient now has two painful incisions that must heal at the same time. There is far more risk in such bypass surgery than in angioplasty, which involves threading a thin tube, called a **catheter**, into the circulatory system and working it to the damaged artery.

Angioplasty may take between 30 minutes to 3 hours to complete. It begins with a distinctive dye that is injected into the bloodstream. A thin catheter is then inserted into the femoral artery of the leg, near the groin. The doctor monitors the path of the dye using x-rays. He moves the tube through the heart and into the plaque filled artery. He inflates the balloon, creating more space, deflates the balloon, and removes the tube. It is important to note that the plaque has not been removed; it has just been compressed against the sides of the artery. Sometimes, a **stent** may be implanted, a tiny tube of

stainless steel that is expandable when necessary. Its function is to keep the artery open.

There is good news and there is bad news. The good news is that the statistics compiled are superb. Ninety percent of all angioplasty procedures are successful. The risk of dying during an operation of this type is less than 2%. The risk of heart attack is also small: 3-5%. Yet heart surgeons do not take any risk lightly; therefore, a team of surgeons stands ready to perform bypass surgery if needed. The length of hospitalization is only three days. The bad news is twofold. First, this procedure treats the condition but does not eradicate the cause. In 20% of the cases, there is a recurrence of plaque. Second, angioplasty is not recommended for all patients. The surgeons must consider the patient's age, physical history, how severe the blockage is, and, finally, the degree of damage to the artery before they make their determination.

A. Complete the following sentences using the appropriate words highlighted in the text. Two of those words are not necessary. [5×1=5]

- The build up of in the arteries can restrict blood flow and lead to serious heart problems.
- During an procedure, a balloon is inflated to compress plaque against the artery walls.
- A is inserted into the femoral artery to guide the balloon to the blocked vessel.
- A may be implanted after angioplasty to help prevent the artery from closing again.
- Bypass surgery is considered more than angioplasty to help prevent the artery from closing again.

B. Read the text again and write: [5×1=5]

TRUE if the statements agree with the information given in the text.
FALSE if the statements contradict the information given in the text.
NOT GIVEN if there is no information in the text.

- Heart attack is caused due to the blockage of coronary arteries.
- Doctors prefer bypass surgery to angioplasty for improving the flow of blood in the arteries.

- c. A catheter must be dipped into water before being inserted into the damaged artery.
- d. The purpose of implanting a stent is to keep the artery open.
- e. According to the text, most of the angioplasty procedures are not successful.

C. Answer the following questions. [5×1=5]

- a. What is coronary balloon angioplasty?
- b. What is the difference between angioplasty and bypass surgery?
- c. What is a stent?
- d. How long does it take to complete the coronary balloon angioplasty?
- e. What should the surgeons consider before performing angioplasty?

2. Write short answers to the following questions in about 75 words each. [5x2=10]

- a, What positive changes have occurred on Earth after the speaker's visit? (Corona Says)

Or

Is death really life's greatest invention?

(How to Live Before You Die)

- b, Why did Aksionov think of killing himself ?

(God Sees the Truth but Waits)

- c, What is the relationship between the portrait painter and its subject? (*The Oval Portrait*)

- d, What is poverty according to Parker ? (*What is Poverty*)

or

How did the giant realise his mistake? (*The selfish Giant*)

- e, How does the astrologer's appearance help him attract customers? How does he help the customers satisfy their need ?

(*An Astrologer's Day*)

3, Write long answers to the following questions in about 150 words each. [5×2=10]

- a, Poetry is the expression of feeling and emotions. Explain.
(A Red, Red Rose)

Or,

Summarise the one-act play A Sunny Morning.

(*A Sunny Morning*)

- b, Our culture is our identity. Write a few paragraphs explaining how you intend to preserve your culture, values and norms.

(*Sharing Tradition*)

4, 4. Develop a readable story with the help of the outlines given below. Write in about 150 words with a suitable title and a moral. [7]

..... a minister wants to know the real situation of the country disguises as a civilian moves around alone nobody recognises police suspect as a terrorist arrest ask for identity..... minister denies interrogate cruelly threaten to keep in prison minister reveals the identity police apologize advises for a careful investigation no trouble for people.....

5. Imagine you recently moved to a new city for your higher studies. Write a personal letter to your best friend, sharing your experiences in the new city. Describe your new college, the people you have met, and any challenges you are facing. Also, ask about your friend's life and any updates from your hometown. Write in 180 words. [8]

6. Write a review of a film that you have recently watched in about 300 words. [10]

7. Do as indicated in brackets and rewrite the sentences. [10×1=10]

a. The smart students can complete their work creatively.

(Underline adverb in the sentence.)

b) One of the students in the class (is/are/had been/were) working very well nowadays.

(Choose correct option to complete the sentence.)

c) She always goes to school..... foot.

(Complete the sentence with an appropriate preposition.)

d) She (must/may/might/can't) have finished the book that I provided. She was looking for another book in the library.

(Complete the sentence with a correct modal auxiliary.)

e) By coming Bhadra, we (get) our exam result.

(Put the correct form of the verb 'get' to complete the sentence.)

f) her hard work, she couldn't get success.

(Complete the sentence using an appropriate connective.)

g) JG Farrell published 'The Singapore Grip',..... was his last complete book.

(Complete the sentence using a relative clause.)

h) It didn't stop (rain/rained/raining/to rain) yesterday.

(Choose an appropriate infinitive or gerund to complete the sentence.)

i) Experts estimate that 1.35 billion people speak English in the world.

(Change the sentence into passive voice.)

j) My sister said to me, "Did you pay attention at that time?"

(Change the sentence into indirect speech.)

8, Choose and copy the correct alternatives. [5×1=5]

a) Which of the following words has a different final consonant sound?

(i) bridge (ii) rise (iii) please (iv) cause

b) Which of the following words is correctly spelt?

(i) accomodate (ii) accommodate

(iii) acommodate (iv) acomodate

c) Which one of the following words doesn't have prefix ?

(i) disown (ii) disqualified

(iii) district (iv) dissatisfied

d) Which of the following words comes between the words beneficial and benevolent?

(i) benefactor (ii) benefit (iii) benediction (iv) benefice

e) 'He burned the midnight oil to complete the project. Which of the following refers to the idiom given above ?

(i) worked very hard (ii) wasted time

(iii) lit a lamp (iv) destroyed something

The End.