

Part 1 of READING PASSAGE 1 has seven paragraphs **A-G**. Choose the correct heading for paragraphs A-G from the list of headings below. Write the correct number **i-xi** in boxes 1-6 on your answer sheet.

1 Paragraph A

2 Paragraph C

3 Paragraph D

4 Paragraph E

5 Paragraph F

6 Paragraph G

List of Headings

i Loss of lives for ignorance of the threats

ii Lifestyle changes substantially

iii The difficulties of enforcing laws

iv Passive smoking is widespread

v Opponents of laws and regulations go together **vi** Harm goes beyond death

vii Smoking as an increasing health risk

viii Calling for stopping smoking in public

ix Tobacco croppers' resistances

x The positive outcomes

xi Establishing laws against smoking despite opposition

Ques 7-13 Do the following statements agree with the information given in READING PASSAGE 1?

YES if the statement agrees with the information

NO if the statement contradicts the information

NOT GIVEN if there is no information on this

7. The proportion of smokers is substantially lower than its population seize in Africa.

8. African women smoke as frequently as men at present.

9. The trend in picking up smoking is identical in spite of gender differences.

10. The adolescent smokers are more profitable than elderly ones.

11. It is the local health officials' responsibilities to collect data of cigarette users.

12.Challenges arise from collecting data through more intense surveillance and cancer patients registries.

13. The ultimate cure lies in the collaboration of multiple forces.

Questions 14-20 READING PASSAGE 2 has nine paragraphs **A-I**. Which paragraph contains the following information? Write the correct letter **A-I** in boxes **14-20** on your answer sheet.

NB You may use any paragraph more than once.

14. methods physicists learn from parents' supervising kids
15. two distinctive types of entanglements
16. a particular reason why quantum effects are overlooked
17. a mention of storing information not in individual particles
18. geometric restrictions of a newly devised approach
19. the fact that heat is an important environmental factor which influences the stability of particles

20. details of international collaborations of experts

Questions 21-25 Do the following statements agree with the information given in READING PASSAGE 2?

TRUE if the statement agrees with the information

FALSE if the statement contradicts the information

NOT GIVEN if there is no information on this

21. Quantum mechanics are applicable to the present social life.

22. The efforts to preserve entanglement is not always successful.

23. The electrons in a V-shaped molecule would be separated when they are kept together for a long time.

24. The dynamic entanglement is favored by the scientists over the static entanglement.

25. Too high temperature would have negative effects on the stability of group of particles.

Questions 26 and 27 Answer the questions below. Choose **NO MORE THAN THREE WORDS** from the passage for each answer.

Write your answers in boxes 26 and 27 on your answer sheet.

26. What is the term for the effects entanglement has on itself? 27. What is the name for the approach designed by a Russian institute?

Questions 28-36 Complete the summary of paragraphs A-F. Choose **NO MORE THAN TWO WORDS** THAN TWO WORDS 36 on your answer sheet.

Demographers estimate that the world population would increase significantly. Because the consumption of 28..... on a daily basis, humans need to bring more land under plough under the current agricultural practices. However, this is difficult to achieve. Agriculture is responsible for the deterioration of drinking water because most of it serves the purpose of 29..... and the situation is threatening to some 30..... communities. 31..... are another drawback entailed by farming because of the emissions. The increase in the food price would greatly influence global food cost. Some specialists advocate the adoption of more intensive industrial farming for more efficient. farming. However, this is a 32..... since climate changes have a series of negative impacts.

New farmland is produced from 33..... , which would consequently accelerate the increase in the world temperature. More unproductive wastelands would be created by much more serious 34..... . The most serious concern should be paid to 35.....contributing significantly to the global mortality rates. Some radical changes could be made in 36..... which could bring about revolutions in the way we feed ourselves and the coming on-the-rise population.

Questions 37-40 The following statements agree with the information given in READING AGE 3?

YES if the statement agrees with the information

NO if the statement contradicts the information

NOT GIVEN if there is no information on this

37. Since Charles Darwin's time until the 1950s, mankind has managed to survive owing directly to a range of technologies developed for the well-being of us.

38. Agrochemicals were the only factor that upset the ecosystem.

39. The most effective approach to overcoming climate changes is to reconvert the cropped lands into meadow or forest.

40. The efforts to recover the natural landscapes are unsuccessful around the world.