

Examination 20 min

次の英文を読んで、以下の設問に答えよ。

Cloning is reproduction of an organism by cell division. A cell-nucleus from the organism to be reproduced is transferred to an unfertilized egg whose own cell-nucleus has been removed. Where this is successful, the resulting organism has the same genetic
5 make-up as the original one. If we develop techniques for cloning humans, should we use them?

If we think of producing a single offspring by cloning, there seems to be only one, rather speculative, objection. Perhaps there would be psychological problems, because of the special position of
10 being a cloned offspring. But, if these problems are minor or non-existent, the production of a single cloned person seems unobjectionable.

When people are ① repelled by the thought of clones, they usually have in mind the creation of whole batches of people of
15 identical composition. This is unattractive because of the value we place (a) having a wide variety of different people. In an extreme case, where a town was entirely populated (b) one male clone and one female clone, there would be practical problems. (People might have problems telling who they were married to.)
20 But the practical drawbacks are not central. We feel our lives would be impoverished by the loss of variety. And (A) our present degree of variety has genetic advantages. A very diverse gene pool makes it more likely that some of us will survive biological disasters such as the spread of some new and deadly disease.

25 We might expect cloning to change our relationships. Bernard Williams (in a different context) discusses what it would be like to love someone just as an instance of a type rather than as an individual person. He says,

30 We can dimly see what this would be like. It would be like loving a work of art in some reproducible ②medium. One might start comparing, as it were, performances of the type; and wanting to be near the person one loved would be like wanting very much to hear some performance, even an indifferent one, of Mozart.

35 These ③engaging thoughts about this disturbing possibility might never be actualized, because of the extent ((c)) which a relationship between two people depends on a history of shared experiences, and of their responses to each other. Perhaps cloning
40 will alter relationships less than we might first think. (I wonder what it is like now to love someone who has an identical twin?) And any changes of a disturbing kind might be matched by ④compensating advantages. Members of a clone might develop special bonds of closeness and empathy.

45 It is hard to guess how far cloning would change relationships, or whether any changes would be ((d)) balance for better or worse. The central objections have to do with the narrowing of the gene-pool, and (B)the impoverishing uniformity involved. These objections are so strong that any substantial use of cloning batches
50 of people could only be justified by some very ⑤pressing reason, of a kind not now apparent.

設問(1) ①～⑤のそれぞれの意味を最もよく表しているのはどれか。(イ)～(ニ)のうちから適当と思うものを選び、それぞれ記号で答えなさい。

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|----------------|-------------------|--------------------|
| ① repelled | (イ) resisted | (ロ) rejected |
| | (ハ) disillusioned | (ニ) disgusted |
| ② medium | (イ) forum | (ロ) domain |
| | (ハ) material | (ニ) essence |
| ③ engaging | (イ) technical | (ロ) careful |
| | (ハ) surprising | (ニ) interesting |
| ④ compensating | (イ) making up | (ロ) calming down |
| | (ハ) encouraging | (ニ) distinguishing |
| ⑤ pressing | (イ) complex | (ロ) practical |
| | (ハ) urgent | (ニ) discouraging |

設問(2) 本文中の空所(a)～(d)に最も適切な語を入れなさい。

設問(3) 下線部(A)で主張されていることの例を本文から探し、日本語で答えなさい。

設問(4) 下線部(B)の意味を分かりやすく日本語で説明しなさい。

設問(5) 本文の内容に最もよく合うものを、次の(イ)～(ホ)の中からひとつ選びなさい。

- (イ) The most serious problems about cloning include practical ones such as identifying one's marriage partner.
- (ロ) With all its scientific advantages, cloning could make us far less wealthy.
- (ハ) There is no significant difference between cloning a single offspring and cloning a large number of identical people.
- (ニ) At the moment, human society has not found a clear justification for large-scale human cloning.
- (ホ) We might lose quality artistic performances as a result of cloning.