

## GAT Subject Mathematics

Sr	Questions	Answers Choice
1	Recent advance in science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy scientists can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat They have however acquired the ability in manipulating tissue cells. However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorder but scientists hope to reduce the costs when technology becomes more advanced.This is why much progress in this area has been possible in scientifically advanced and rich countries like the U.S.A, U.K and Japan.It remains to be seen if in the future this science will lead to the development of a race of supermen or will be able to obliterate disease from this world.p. What is the tone of the author in the last sentence of the passage?	<p>A. Resignation</p> <p><b>B. Cautious</b></p> <p>C. Relief</p> <p>D. Concert</p>
2	Recent advance in science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy scientists can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat They have however acquired the ability in manipulating tissue cells. However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorder but scientists hope to reduce the costs when technology becomes more advanced.This is why much progress in this area has been possible in scientifically advanced and rich countries like the U.S.A, U.K and Japan.It remains to be seen if in the future this science will lead to the development of a race of supermen or will be able to obliterate disease from this world.o. According to the author the present state of knowledge about heredity has made geneticists	<p>A. Introspective</p> <p>B. Accusative</p> <p>C. Arrogant</p> <p><b>D. Optimistic</b></p>
3	Recent advance in science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy scientists can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat They have however acquired the ability in manipulating tissue cells. However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorder but scientists hope to reduce the costs when technology becomes more advanced.This is why much progress in this area has been possible in scientifically advanced and rich countries like the U.S.A, U.K and Japan.It remains to be seen if in the future this science will lead to the development of a race of supermen or will be able to obliterate disease from this world.n. which of the following is not true according to the passage?	<p><b>A. Society is not affected by the research in genetic engineering</b></p> <p>B. Genetic engineers are not able to say some things with certainty</p> <p>C. If genetic information is not properly handled it will create problems</p> <p>D. Manipulation of genes is presently done only in tissue cell</p>
4	Recent advance in science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy scientists can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat They have however acquired the ability in manipulating tissue cells. However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorder but scientists hope to reduce the costs when technology becomes more advanced.This is why much progress in this area has been possible in scientifically advanced and rich countries like the U.S.A, U.K and Japan.It remains to be seen if in the	<p>A. Rigidly</p> <p>B. Firmly</p> <p><b>C. Directly</b></p> <p>D. At right angle</p>

advanced and rich countries like the U.S.A, U.K and Japan. It remains to be seen if in the future this science will lead to the development of a race of supermen or will be able to obliterate disease from this world. m. Which of the following is the same in meaning as the word squarely as used in the passage?

- 5 Recent advance in science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy scientists can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat They have however acquired the ability in manipulating tissue cells. However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorder but scientists hope to reduce the costs when technology becomes more advanced. This is why much progress in this area has been possible in scientifically advanced and rich countries like the U.S.A, U.K and Japan. It remains to be seen if in the future this science will lead to the development of a race of supermen or will be able to obliterate disease from this world. l. Which of the following according to the author could be the short-comings of genetics in becoming an exact science?
- A. There is a lack of advance technology to explore hidden areas of human brain  
B. Technicians have not been able to manipulate germ cells  
C. Ordinary microscope is unable to observe nerve cells  
D. Genetics is too complex to resolve some useful information

- 6 Recent advance in science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy scientists can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat They have however acquired the ability in manipulating tissue cells. However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorder but scientists hope to reduce the costs when technology becomes more advanced. This is why much progress in this area has been possible in scientifically advanced and rich countries like the U.S.A, U.K and Japan. It remains to be seen if in the future this science will lead to the development of a race of supermen or will be able to obliterate disease from this world. k. At present genetic engineering can rectify all genetic disorder Is it?
- A. Yes  
B. No  
C. It can do so only in some cases  
D. Study of genetic disorders are out of scope of genetics

- 7 Recent advance in science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy scientists can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat They have however acquired the ability in manipulating tissue cells. However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorder but scientists hope to reduce the costs when technology becomes more advanced. This is why much progress in this area has been possible in scientifically advanced and rich countries like the U.S.A, U.K and Japan. It remains to be seen if in the future this science will lead to the development of a race of supermen or will be able to obliterate disease from this world. j. In the passage abused means
- A. Insulted  
B. Talked about  
C. Killed  
D. Misused

- 8 Recent advance in science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy scientists can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat They have however acquired the ability in manipulating tissue cells. However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorder but scientists hope to reduce the costs when technology becomes more advanced. This is why much progress in this area has been possible in scientifically advanced and rich countries like the U.S.A, U.K and Japan. It remains to be seen if in the future this science will lead to the development of a race of supermen or will be able to obliterate disease from this world. i. Why according to the author is genetic misinformation severely damaging?
- A. The cost involved is very high  
B. Some people are unjustly branded as inferior  
C. Both A and B  
D. Neither A nor B

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10	<p>Recent advance in science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy scientists can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat They have however acquired the ability in manipulating tissue cells. However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorder but scientists hope to reduce the costs when technology becomes more advanced. This is why much progress in this area has been possible in scientifically advanced and rich countries like the U.S.A, U.K and Japan. It remains to be seen if in the future this science will lead to the development of a race of supermen or will be able to obliterate disease from this world.g. Which of the following is not true of the genetic engineering movement?</p>	<p>A. Possibility of abuse B. It is confronted by ethical problems C. Increased tendency to manipulate gene cells D. Acquired ability to detect genetic disorders in unborn babies</p>
11	<p>Recent advance in science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy scientists can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat They have however acquired the ability in manipulating tissue cells. However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorder but scientists hope to reduce the costs when technology becomes more advanced. This is why much progress in this area has been possible in scientifically advanced and rich countries like the U.S.A, U.K and Japan. It remains to be seen if in the future this science will lead to the development of a race of supermen or will be able to obliterate disease from this world.f. Which of the following is the opposite in meaning to the word charged as used in the passage?</p>	<p>A. Calm B. Disturbed C. Discharged D. Settled</p>
12	<p>Recent advance in science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy scientists can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat They have however acquired the ability in manipulating tissue cells. However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorder but scientists hope to reduce the costs when technology becomes more advanced. This is why much progress in this area has been possible in scientifically advanced and rich countries like the U.S.A, U.K and Japan. It remains to be seen if in the future this science will lead to the development of a race of supermen or will be able to obliterate disease from this world.d. Which of the following is the same in meaning as the word obliterate as used in the passage?</p>	<p>A. Wipe off B. Eradicate C. Give birth to D. Wipe out</p>
13	<p>Recent advance in science and technology have made it possible for geneticists to find out abnormalities in the unborn foetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child Though genetic engineering is still at its infancy scientists can now predict with greater accuracy a genetic disorder it is not yet an exact science since they are not in a position to predict when exactly a genetic disorder will set in While they have not yet been able to change the genetic order of the germs they are optimistic and are holding out that in the near future they might be successful in achieving this feat They have however acquired the ability in manipulating tissue cells. However genetic mis-information can sometimes be damaging for it may adversely affect people psychologically Genetic information can therefore be abused and its application in deciding the sex of the foetus and its subsequent abortion is now hotly debated on ethical lines but on this issue geneticists cannot be squarely blamed though this charge has often been leveled at them it is mainly a societal problem At present genetic engineering is a costly process of detecting disorder but scientists hope to reduce the costs when technology becomes more advanced. This is why much progress in this area has been possible in scientifically advanced and rich countries like the U.S.A, U.K and Japan. It remains to be seen if in the</p>	<p>A. It has become popular to abort female fetuses B. Human beings are extremely interested in heredity C. Economically sound and scientifically advanced countries can provide the infrastructure for such research D. Poor countries desperately need genetic information</p>

advanced and rich countries like the U.S.A, U.K and Japan.It remains to be seen if in the future this science will lead to the development of a race of supermen or will be able to obliterate disease from this world.c. Which of the following is true regarding the reasons for progress in genetic engineering?

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- A. Ignored
- B. Hotly debated
- C. Unanswered
- D. Left to the scientists to decide

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- A. Catching
- B. Expounding
- C. Sustaining
- D. Restraining