

General Reading Practice Test 50

Challenge Yourself. Take the Test Below!



Take IELTS Full-Length Practice Tests



Daily Reading Practice Lessons



Get IELTS Practice Tests

Call us to achieve your target IELTS score.  9597306237

Instructions for Taking the Test

Read the rules and regulations carefully before the test:

1. Switch off your mobile phone and electronic devices.
2. Manage your time strictly to **20 minutes** per passage, reading questions first to guide your skimming and scanning for answers, always paying close attention to word limits and matching synonyms.
3. Read the instructions thoroughly before answering the questions.
4. Read the questions carefully to avoid silly mistakes.

Before taking the test, kindly subscribe to our YouTube channel to help us grow. You'll receive IELTS reading practice lessons on a daily basis!



General Reading Practice Test 50

Roman Tunnels

The tunnels were constructed by the Persians, to provide a reliable water supply to the human settlements in the dry areas of present-day Iran. Quant method of tunnel construction was introduced in the early first millennium BCE where the posts are placed in a straight line over a hill and vertical shafts are dug at regular intervals into the grounds, thus ensuring the route of the tunnel. The earth between the ends of the shaft are removed by the workers in the underground to create a tunnel. The shafts are used to remove the excavated soil to the ground and also provide ventilation during the work.

The knowledge about the quant method of constructing tunnels for water supply for agriculture was transferred by the Persians to the Romans. Vertical shafts dug with a 30 and 60 metre interval were used in the Roman quant tunnels. To aid in moving in and out of the shafts, they are equipped with footholds and handholds and wooden or stone lids are used to close the shafts. Romans hung a plumb line at the top of the shaft with a help of the rod placed across it to check whether the shaft is vertical and assured the weight is hanging in the middle of the shaft. It is also used to identify the tunnel slope and to determine the shaft depth. The Claudius tunnel was built in 41 CE for draining the Fucine Lake in Central Italy is 5-6 Kilometres long with a 122 metres deep shaft. It took approximately 30,000 employees to complete the tunnel in 11 years. Remarkably, the ancient roads are still used today for transportation. Mineral extraction tunnels were also built.

Counter-excavation tunnel construction was the second tunnel building methodology, originated in the 6th century BCE, where tunnels were built from both the ends. This method is adopted to cut through the mountains where quants implementation is not a practical alternative. As both ends of the tunnel have to meet at the center of the mountain, a great plan and advanced planning is required for implementing this method. Whenever there is a chance of geological problems or the paths have been deviated, direction adjustments have to be made. The advancing direction of the tunnel is constantly checked, for example light penetration from the mouth of the tunnel will be looked back and if any deviations are found corrections will be made. At times there is a possibility of having large deviations causing one end to be unused. The Saldae aqueduct system located in modern-day Algeria, is built by the Romans, is 428-meters long and the workers failed to meet the ends in the mountain. An inscription written on the tunnel explains how they missed and how it was later altered using a lateral link between the corridors to rectify the error.



The Romans used the counter-excavation method to construct tunnels for roads, in places where they encountered mountains and hills that are too high to cross. The 37-meter long and 6-meter high Furlo Pass tunnel in Italy built in 69-79 CE is an example of counter excavation roads. Once mineral veins are located, the miners pursue building a tunnel using the shafts in the underground. An example of this type of tunnel can be found at the Dolaucothi mines in Wales, which is used for mining gold. The construction planning is simple and the routes will be determined only based on the mineral vein if the sole purpose of the tunnel is mineral extraction.

All the Roman tunnel constructions are carefully planned and executed well. The tunnel construction method and the type of rock in the excavation area will determine the length of the time required for building the tunnel. As the quant construction method uses a straight forward approach, the work is faster than a counter-excavation method. This is because apart from excavating only from the tunnel mouth, even the shats can be used for excavation. The construction time is also affected by the type of rock. The Romans employed a technique named fire quenching, where they would heat the rock and suddenly cool it with cool water to create a crack in the hard rocks.

As the tunnel progression across the hard rocks requires a lot of time, the tunnel construction takes years to complete and sometimes a decade to build a tunnel. The rate of advance through the solid rock was only 30 centimetres per day and it is indicated using the construction marks in the Roman tunnel of Bologna. In contrast, the rate of advancement in the Claudius tunnel is 1,4-metres per day. The names of the patrons who started the tunnel project and the architect names are inscripted in most of the tunnels. For example, still today you can find the inscription in the 1.4-kilometer Cevlik tunnel in Turkey. Here the tunnel starting 69 CE and the completed year 81 CE will be found. The tunnel is built to divert the floodwater from flowing into the harbours of the ancient city of Seleuceia Pieria.



Roman tunnels IELTS reading questions

Question (1-5)

Choose the correct letter, A - D

1. Some of the quants built by the Persians _____ ago are still in use today.
A. 2800 years
B. 3000 years
C. 2700 years
D. 2400 years

2. Counter-excavation tunnel construction was the _____ tunnel construction methodology used by the Romans.
A. Fifth
B. Second
C. First
D. Third

3. Prior planning and construction strategy is required as the tunnel has to meet in the _____ of the mountain
A. Top
B. Bottom
C. Centre
D. None of the above

4. The Saldae aqueduct system is _____ long
A. 444 metres
B. 428 metres
C. 424 metres
D. 448 metres

5. _____ affects the construction time
A. Nature of soil
B. Nature of rocks
C. Nature of mineral
D. None of the above



Question (6-9)

Do the following statements agree with the information given in the reading passage?
Write

- **TRUE** if the statement agrees with the information
- **FALSE** if the statement contradicts the information
- **NOT GIVEN** if there is no information on this in the passage

6. The knowledge about the tunnel construction was transferred from Persians to Romans.
7. The roads constructed by counter-excavation methods are not used in today's modern transportation.
8. Romans tunnel construction knowledge was spread world wide.
9. Heating and sudden cooling of rocks are done creating a crack in the rock.

Question (10-13)

Complete the summary below.

Write **NO MORE THAN THREE WORDS** from the passage for each answer

Tunnels were originally constructed by 10. _____ to supply water to the human settlements. Later the knowledge about the 11. _____ of tunnel was transferred to the Romans. After using the Shaft tunnel construction method, the Romans started using the 12. _____ construction method. This method was used to build 13. _____ where crossing the mountains is difficult.

[Click Here to Check Answers](#)



Answers for IELTS General Reading Practice Test 50

1. Posts	2. Canal	3. Ventilation	4. Lid
5. Weight	6. Climbing	7. FALSE	8. NOT GIVEN
9. FALSE	10. TRUE	11. Gold	12. Architect Name
13. the Harbour/Harbor			

How many questions did you get right?

Correct Answers (Out of 13)	Your Next Step
1 - 4	Want to fix your low score? Get 1-on-1 coaching. Apply Coupon: WELCOME25 for 25% off 9597306237
5 - 7	Enroll in our IELTS live group class led by 5+ yrs experienced trainers. 9597306237
8 - 10	Take 3 full-length practice tests for just ₹799/- 9597306237
11 - 13	You're almost there! Use our daily reading practice lessons to reach your full potential.

[CLICK HERE](#)

✉ info.getieltspdf@gmail.com

POWER AHEAD!



Daily Reading Practice Lessons

05



Get IELTS Practice Tests

Call us to achieve your target IELTS score. 9597306237