

Trianz Written Test Questions with Answers

Q1. If the radius of the circle is reduced from 5 cm to 4 cm, then what is the % change in area?

ANS: 36%

Q2. The sum of the series $1 + 1(1+1/n) + 3(1+1/n)^2 + \dots$ is equal to?

ANS: n^2

Q3. In a class, the number of boys is more than that of girls by 25% of the total strength of the class. What is the ratio of boys to girls?

ANS: 5:3

Q4. Every day a cyclist meets a train at a particular crossing. The road is straight before the crossing and both are traveling in the same direction. The cyclist travels with a speed of 10 Kmph. One day the cyclist comes late by 25 min and meets the train 5 km before the crossing. What is the speed of the train?

ANS: 60 kmph

Q5. There is a 5 digit number 3 pairs of sum is eleven each. Last digit is 3 times the first one. 3rd digit is 3 less than the second. 4th digit is 4 more than the second one. Find the digit.

ANS: 25296.

Directions 6-7: The following questions consist of two words each that have a certain relationship to each other, followed by four lettered pairs of words. Select the lettered pair that has the same relationship as the original pair of words.

Q6. Rectangle: Cylinder

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- a) Square: Sphere
- b) Circle: Disc
- c) Triangle: Cone
- d) Wall: Room

ANS: c

Q7. Plants: Coal

- a) Crops: Manure
- b) Animals: Oil
- c) Cow: Milk
- d) Fire: Smoke

ANS: b

Q8. If a person walks at $\frac{4}{5}$ th of his usual speed, he reaches 40min late. If he walks at his usual speed how much time does he travels?

ANS: 160 min or 2 hr 40 min

Technical Questions:

Q9. What is the output in the following program?

```
main()
{char c=-64;
int i=-32
unsigned int u =-16;
if(c>i)
{printf(pass1,);
if(c
printf(pass2);
else
```

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```
printf(Fail2);  
}  
else  
printf(Fail1);  
if(i  
printf(pass2);  
else  
printf(Fail2)  
}
```

- a) Pass1,Pass2
- b) Pass1,Fail2
- c) Fail1,Pass2
- d) Fail1,Fail2
- e) None of these

ANS: c

Q10. Output of the following program is

```
main()  
{int i=0;  
for(i=0;i<20;i++)  
{switch(i)  
case 0:i+=5;  
case 1:i+=2;  
case 5:i+=5;  
default i+=4;  
break;}  
printf("%d,,i);  
}  
}
```

- a) 0,5,9,13,17
- b) 5,9,13,17
- c) 12,17,22
- d) 16,21

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e) Syntax error

ANS: d

Other Important Questions:

The following questions consist of two words each that have a certain relationship to each other, followed by four lettered pairs of words. Select the lettered pair that has the same relationship as the original pair of words.

Q11. ASSENGERS : AIRPLANE ::

- a) audience : theater
- b) birds : nest
- c) sailors : submarine
- d) freight : warehouse
- e) students : classroom

Q12. CORRAL : LIVESTOCK ::

- a) fence : posts
- b) capture : thieves
- c) nest : birds
- d) devise : plans
- e) fire : employees 4&5

Q13. APPRENTICE : PLUMBER ::

- a) player : coach
- b) child : parent
- c) student : teacher
- d) author : publisher
- e) intern : doctor

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Q14. MUSICIAN : ORCHESTRA ::

- a) mechanic : car
- b) songwriter : lyrics
- c) desk : office
- d) player : team
- e) actor : screen