

江淮十校 2024 届高三第二次联考

物理试题

2023.11

命审单位:合肥一六八中学 命审人:王茂群 丁士亮

考生注意:

1. 本试卷满分 100 分,考试时间 75 分钟。
2. 考生作答时,请将答案答在答题卡上。必须在题号所指示的答题区域作答,超出答题区域书写的答案无效,在试题卷、草稿纸上答题无效。

第 I 卷(选择题 共 42 分)

一、单项选择题:本题共 8 小题,每小题 4 分,共 32 分。在每小题给出的四个选项中,只有一项符合题目要求。

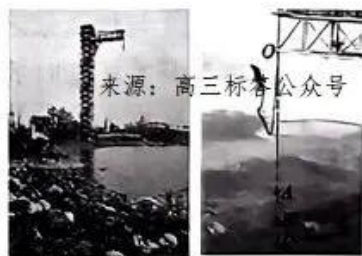
1. 十八大以来,习近平总书记在多个场合谈到中国传统文化,表达了自己对传统文化、传统思想价值体系的认同与尊崇。如图便是我们耳熟能详的一则经典故事:曹冲称象,下列哪个选项的学习也用到了相同的方法

- A. 瞬时加速度的定义
- B. 力的合成与分解中,合力与分力的关系
- C. $v-t$ 图像与 t 轴所围面积的物理意义
- D. 自由落体运动模型的建立

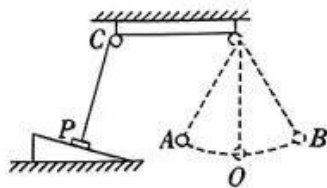


2. 某同学在物理联考中发挥出色,便来到合肥祥源花世界内挑战蹦极项目。弹性绳一端固定在 O 点,另一端自由下垂到 A 点。工作人员将弹性绳自由端系在该同学身上,同学竖直跳下后先后到达 A 、 B 、 C 点,在 B 点加速度为 0, C 为运动的最低点。不计空气阻力、浮力,同学从跳下到最低点 C 的过程中,以下说法正确的是

- A. A 到 B 过程中,该同学处于超重状态
- B. A 到 B 过程中,该同学的机械能一直在减少
- C. 在 B 点,该同学的机械能最大
- D. B 到 C 过程中,该同学的加速度一直增大,弹性绳对他的拉力大于他对弹性绳的拉力



3. 如图所示,斜面放在粗糙的水平面上,轻绳两端分别系物块 P 和小球 Q ,并绕过光滑的定滑轮。将物块 P 放置在斜面上,并让左端(CP 段)垂直于斜面。拉起小球到 A 点后释放,小球做竖直面内的圆周运动,并向右侧运动到 B 点(最高点)。运动过程中斜面和物块均保持静止。则以下说法正确的是



物理试题 第 1 页(共 6 页)

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江淮十校 2024 届高三第二次联考

英语试题

2023. 11

命审单位: 芜湖一中 命审人: 蒋琰 李辉琳

注意事项:

1. 本试卷由四个部分组成。其中第一、二部分和第三部分的第一节为选择题;第三部分的第二节和第四部分为非选择题。共 10 页、150 分。来源: 高三标答公众号
2. 全部答案在答题卡上相应区域内完成, 在本试卷上作答无效。选择题请使用 2B 铅笔填涂, 非选择题请使用 0.5 毫米黑色签字笔作答。要求字体工整、笔迹清晰。
3. 请在答题卡规定的地方填写好个人信息, 并认真核对答题卡上所粘贴的条形码是否与本人的信息一致。
4. 考试结束后, 将本试卷和答题卡一并交回。

第一部分 听力(共两节, 满分 30 分)

做题时, 请先将答案标在试卷上。录音内容结束后, 你将有两分钟的时间将试卷上的答案转涂到答题卡上。

第一节(共 5 小题; 每小题 1.5 分, 满分 7.5 分)

听下面 5 段对话。每段对话后有一个小题, 从题中所给的 A、B、C 三个选项中选出最佳选项。听完每段对话后, 你将有 10 秒钟的时间来回答有关小题和阅读下一小题。每段对话仅读一遍。

例: How much is the shirt?

- A. £ 19. 15. B. £ 9. 18. C. £ 9. 15.

答案是 C。

1. What is the man possibly going to do?
A. Find another room. B. Open the window. C. Go out with the woman.
2. What can we learn about the woman's watch?
A. It's 5 minutes fast. B. It doesn't work. C. It's 5 minutes slow.
3. What does the man want to eat now?
A. Strawberries. B. Cakes. C. Biscuits.
4. What are the characters on the lanterns?
A. Riddles. B. Poems. C. Figures.
5. Why won't the woman go to the mall today?
A. The weather is too cold.
B. It will be crowded.
C. She prefers to go to a park.

第二节(共 15 小题; 每小题 1.5 分, 满分 22.5 分)

听下面 5 段对话或独白。每段对话或独白后有几个小题, 从题中所给的 A、B、C 三个选项中选出最佳选项, 听每段对话或独白前, 你将有时间阅读各个小题, 每小题 5 秒钟; 听完后, 各小题将给出 5 秒钟的作答时间。每段对话或独白读两遍。

听第 6 段材料, 回答第 6、7 题。

6. Where does the conversation take place?
A. In a library. B. In a classroom. C. On a taxi.
7. How does Ashley probably feel?
A. Amazed. B. Relieved. C. Worried.

英语试题 第 1 页(共 10 页)

听第7段材料,回答第8、9题。

8. How will the speakers leave the city?
A. By train. B. By plane. C. By car.
9. What does the man give the woman?
A. A hat. B. Car keys. C. Suncream.

听第8段材料,回答第10至12题。

10. Where are the speakers currently?
A. In a town. B. In a city. C. In a park.
11. What does the woman like about the countryside?
A. The good weather.
B. The local wildlife.
C. The attractive natural environment.
12. Why did the man come to the area?
A. To visit his relatives.
B. To do volunteer work.
C. To show the woman around.

听第9段材料,回答第13至16题。

13. When will the man's band perform?
A. At 17:00. B. At 19:00. C. At 20:00.
14. Which instrument can the woman play?
A. The violin. B. The guitar. C. The piano.
15. What will the woman do next?
A. Have a check for tickets.
B. Play the piano with the man's band.
C. Make a video for the man's band.
16. How does the concert hall mainly make money now?
A. From drink sales.
B. From ticket sales.
C. From video recording sales.

听第10段材料,回答第17至20题。

17. Where is the Base located?
A. No. 1357 Panda Road.
B. 10km away from the city center.
C. Less than 30km from Chengdu Shuangliu International Airport.
18. Which action is allowed when visiting the Base?
A. Feeding the animals with bamboo.
B. Chatting loudly with friends.
C. Taking pictures for pandas without flashes.
19. What service can you get for free at the Base?
A. Refilling a cup of hot coffee.
B. Getting food for dinner.
C. Using an umbrella when it rains.
20. Who are the target listeners of this article?
A. Tourists visiting the Base.
B. Volunteers taking care of the wild animals.
C. Scientists doing research at the Base.

第二部分 阅读理解(共两节,满分50分)

第一节(共15小题;每小题2.5分,满分37.5分)

阅读下列短文,从每题所给的A、B、C、D四个选项中选出最佳选项。

A

Sawdust Winter Fantasy

If you're looking for the best way to kick off the holiday, check out Sawdust's Winter Fantasy, where you can support local artists and get into the spirit of the holidays. This annual event features live music, delicious food and drinks, as well as 165 local artists with their products.

Location: 935 Laguna Canyon Road

Dates: Nov. 19 to Dec. 18

Times: 10 a. m. to 7 p. m.

Price: Adults \$ 10, Children \$ 5

LA County Parks Winter Wonderland

Los Angeles County Parks will host a Winter Wonderland with tons of snow. The free event will feature photo opportunities, holiday treats, and a craft village where kids can decorate their own stockings.

Location: 1324 5th St. in Downtown Santa Monica

Dates: Dec. 2 to Dec. 17

Times: Times vary

Price: Free

The Polar Express Train Ride

This magical one-hour trip to the North Pole features a read-along of the timeless story, hot chocolate, caroling, a golden ticket, and delicious treats. Santa and his little helpers are also scheduled to come on board to greet the passengers and give each guest their first gift of Christmas.

Location: 2201 SA St. , Perris, CA 92570

Dates: Dec. 20 to Dec. 28

Times: 11 :30 a. m. to 8 p. m.

Price: Range from \$ 44 to \$ 70

Christmas on the Farm

Celebrate the holiday season at a farm featuring an animal center, tractor wagon rides, reindeer, and more. There's also a holiday train and plenty of sleigh rides to go around. This is the perfect family event for all to enjoy.

Location: Moorpark, CA 93021

Dates: Nov. 25 to Dec. 24

Times: 9 a. m. to 6 p. m.

Price: \$ 10 to \$ 14

21. If a couple with two children chooses Sawdust Winter Fantasy, they should pay

A. \$ 10

B. \$ 20

C. \$ 25

D. \$ 30

22. Where can kids decorate their stockings?
- A. At 935 Laguna Canyon Road.
 - B. At 1324 5th St. in Downtown Santa Monica.
 - C. At 2201 SA St. , Perris, CA 92570.
 - D. At Moorpark, CA 93021.
23. When can visitors take sleigh rides to celebrate the holiday?
- A. On Nov. 17.
 - B. On Nov. 19.
 - C. On Dec. 20.
 - D. On Dec. 28.

B

Hotels were full, local specialties were nearly sold out, tourists came in droves from all parts of China. . . Rongjiang, a small county of Qiandongnan Miao and Dong autonomous prefecture in Guizhou province, has recently gone viral for its “Village Super League”.

Every week, more than 40,000 audiences flock to the stadium for the “Village Super League”. As of the end of June, 2023, the tournament has had more than 20 billion views on the Internet.

“This is a soccer carnival deeply rooted in the soil! I’ve covered numerous sports events, including the FIFA World Cup and the Olympics. But it is really **the** first time that I have experienced such a down-to-earth and lively scene as this,” said Han Qiaosheng, a Chinese sports TV commentator.

During a match in May, Wu Chuguo, a decoration worker from Liubaitang village, Rongjiang County, scored a spectacular 40-meter goal that ignited **the** crowd. Wu said he was influenced by elders in his village and fell in love with **the** sport. In the county, rural soccer matches have taken place regularly since **the** 1990s. When there was a lack of facilities, soccer players used barren land as a field and wooden stakes (桩) for the posts. The boundaries were marked out with lime powder. When they can’t gather enough players, they play futsal, a soccer-based game played on a smaller hard court.

In recent years, the county has focused on gymnastics, soccer, rock climbing and other sports, which has developed outstanding national and provincial-level sporting talent. What sets the Village Super League apart from other sports events are the vibrant displays of ethnic (民族的) cultures and traditions at the tournament.

“I hope that more and more tourists will come to Rongjiang to watch the matches, enjoy the folk customs and local cuisine, and have fun,” said Xiong Zhuqing, a melon grower who is also a cheerleader. She says she has sold over 10,000 kilograms of watermelons since the start of the tournament. As of June 27, a total of 654 new businesses were established, including 91 in the catering sector, 188 in retail, and 195 in agriculture and food processing, the local government said.

By combining tourism with sports, Rongjiang has found a creative and meaningful way to promote rural vitalization (振兴) and rural economic growth.

24. What do the massive crowds flood into Rongjiang for?
- A. For the stadium.
 - B. For local specialties.
 - C. For a soccer carnival.
 - D. For the displays of ethnic cultures and traditions.
25. What can we infer from paragraph 4?
- A. Rural soccer matches are demanding on facilities.
 - B. Rongjiang County has a deep tradition of soccer matches.
 - C. Wu Chuguo started the sports event at Liubaitang village.
 - D. The small court greatly limits soccer players' performances.
26. What is special about the "Village Super League"?
- A. It covers players from all walks of life.
 - B. It combines ethnic elements with sports.
 - C. It aims to select athletes for national-level games.
 - D. It has a cheering team consisting of football fans.
27. What do the statistics in the last but one paragraph indicate?
- A. The matches can help promote economic growth.
 - B. Rongjiang's tourism has fueled the sports industry.
 - C. Selling agricultural products is key to rural vitalization.
 - D. Local companies have offered significant financial support to the matches.

C

Over five decades after being captured, Lolita, the star orca (虎鲸) in Miami Seaquarium, will finally be able to bid adieu to her tiny tank in Florida and return to her home waters of the Pacific Northwest to live out the rest of her days.

Lolita, also known as Tokitae or Toki, is a 57-year-old female orca from the now-endangered southern resident orcas that live in the North Pacific Ocean and Washington State's Puget Sound. Lolita has lived at Miami Seaquarium since 1970, after she was captured from the waters of Puget Sound at 4 years old. Since then, Lolita has performed tricks in the aquarium pool until March 2022, when she was retired from public shows. She is currently the second oldest orca in captivity behind Corky, a 58-year-old male who lives at SeaWorld San Diego.

The aquarium announced it will begin the process of returning the orca to her natural habitat in the next two years. But Lolita's age and the fact that she's lived in captivity for decades and is unable to find food on her own could complicate her release back into the wild. "In a plan set to take up to two years, she will be first transported by plane to an ocean conservation area in the waters between Washington State and Canada, where trainers will teach her how to catch fish inside a large net," said Mr. Colby, an environmental historian. "She will also have to build up her muscles, as orcas typically swim about 160 kilometers per day."

英语试题 第5页(共10页)

The alderman, Mr. De Vries, said that if the city had continued to ignore the problem, it would have headed straight for a catastrophe. The reconstruction will take at least 20 years and will cost 2 billion euros, perhaps even more. "These are big numbers, and work needs to take place in a very busy, closely-populated area," Mr. De Vries said. "People live here and work here, and we usually have many tourists."

He acknowledged that Amsterdam in the coming years would look different from its usual postcard self. Still, he insisted that tourists should not be discouraged from visiting. "We invite everyone to come and see what we are doing," he said. "We want visitors to realize that such a magnificent city needs maintenance."

32. What problem does Amsterdam face?
- A. Collapsed buildings pose a threat to tourists.
 - B. Bridges under construction disturb citizens' life.
 - C. The canal walls are in danger of falling down.
 - D. Many old streets are in badly need of being widened.
33. What is paragraph 3 mainly about?
- A. Ways of building canal walls.
 - B. Causes of sinkholes in Amsterdam.
 - C. The effects of broken bridges on the city.
 - D. The geographical features of Amsterdam.
34. What can we learn about the reconstruction work?
- A. It is costly.
 - B. It demands more than three decades.
 - C. It is a huge and dangerous task.
 - D. It will promote local employment.
35. Which statement may Mr. De Vries agree with?
- A. The city will no longer be as magnificent as it used to be.
 - B. Modernity is usually achieved at a cost of the environment.
 - C. Maintenance and tourism should continue at the same time.
 - D. Repairs have become a serious obstacle to the city's growth.

第二节(共5小题;每小题2.5分,满分12.5分)

阅读下面短文,从短文后的选项中选出可以填入空白处的最佳选项。选项中有两项为多余选项。来源:高三标答公众号

Think about the last time you felt a negative emotion—like stress, anger, or frustration. 36 Was your mind cluttered (凌乱) with thoughts? Or was it paralyzed, unable to think?

The next time you find yourself in the middle of a very stressful time, or you feel angry or frustrated, stop. Whatever you're doing, stop and sit for one minute.

37 Take the entire minute to do nothing else but feel that emotion.

If you feel you need to hold on to the emotion for a little longer, that is OK.

38 When you feel you've had enough of the emotion, ask yourself if

you're willing to carry that negativity with you for the rest of the day. If not, take a deep breath. As you do that, release all that negativity with your breath.

This exercise seems simple—almost too simple. 39 By allowing that negative emotion the space to be truly felt, you are dealing with the emotion rather than stuffing it down and trying not to feel it. 40 When you lose yourself in the emotion, and realize that it is only emotion, it loses its control. You can clear your head and proceed with your task. Try it. Next time you're in the middle of a negative emotion, give yourself the space to feel the emotion and see what happens.

Remember to take the time you need to really immerse yourself in the emotion. Then, when you feel you've felt it enough, release it—really let go of it. You will be surprised at how quickly you can move on from a negative situation and get to what you really want to do!

- A. Yet it is very effective.
- B. This will remind you of the steps to the process.
- C. Allow yourself another minute to feel the emotion.
- D. What was going through your mind as you were undergoing that negativity?
- E. While you're sitting there, completely immerse yourself in the negative emotion.
- F. Are you willing to keep holding on to this negative emotion as you go through the rest of the day?
- G. You are actually taking away the power of the emotion by giving it the space and attention it needs.

第三部分 语言运用(共两节,满分30分)

第一节(共15小题;每小题1分,满分15分)

阅读下面短文,从每题所给的A、B、C、D四个选项中选出可以填入空白处的最佳选项。

Though there is much to be concerned about, there is far, far more for which to be thankful. Though life's goodness can at times be 41, it is never outweighed. There is goodness to life that cannot be 42.

There is no limit to the goodness of life. It grows more 43 with each new encounter. The more you experience and appreciate the goodness of life, the more there is to be lived.

Even when the 44 winds blow and the world seems to be 45 in foggy shadows, the goodness of life lives on. Open your eyes, open your heart, and you will 46 that goodness is everywhere.

Though the goodness of life seems at times to 47 frustrations, it always endures (忍受). In the darkest moment the goodness of life becomes 48 clear that life is a 49 treasure, so it is made even stronger by the very things that would 50 it.

Time and time again when you feared the goodness of life was 51 forever, you found it was really only a moment away. Around the next 52, inside every moment, the goodness of life is there to surprise and 53 you.

Take a moment to let the goodness of life 54 your spirit and calm your thoughts. Then, 55 your good fortune with another. For the goodness of life grows more and more magnificent each time it is given away.

- | | | | |
|---------------------|----------------|---------------|----------------|
| 41. A. overshadowed | B. overcome | C. overtaken | D. overwhelmed |
| 42. A. accepted | B. appreciated | C. refused | D. denied |
| 43. A. risky | B. abundant | C. limited | D. rare |
| 44. A. warm | B. mild | C. sweet | D. bitter |
| 45. A. shined | B. revealed | C. covered | D. exposed |
| 46. A. hear | B. feel | C. remember | D. forget |
| 47. A. stick to | B. put up with | C. go through | D. let out |
| 48. A. vividly | B. precisely | C. sharply | D. abruptly |
| 49. A. bare | B. valid | C. worthless | D. priceless |
| 50. A. admit | B. oppose | C. quit | D. recognize |
| 51. A. processed | B. gone | C. forbidden | D. developed |
| 52. A. corner | B. point | C. stop | D. break |
| 53. A. disturb | B. annoy | C. delight | D. confuse |
| 54. A. accumulate | B. celebrate | C. dismiss | D. touch |
| 55. A. share | B. exchange | C. trade | D. replace |

第二节(共10小题;每小题1.5分,满分15分)

阅读下面短文,在空白处填入1个适当的单词或括号内单词的正确形式

The “relaxing and inspiration” area set up in a library at Guangdong University of Finance & Economics has unexpectedly become 56 hit online.

According to the library staff, the university 57 (set) up the “relaxing and inspiration” area for many years, which is named to reflect its purpose and has become popular among students. Currently, the library is 58 (continuous) planning and improving the area to make it more comfortable for students.

The library director, Wang Zhongzheng, explains that the main purpose of setting up this special zone is to provide students with a place 59 (relax), rest and inspire creativity after studying. Nowadays, the library has six “relaxing and inspiration” areas next to the study and reading area, 60 students can rest, have a snack, and enjoy the beautiful city landscape.

The area is equipped 61 outdoor tables, chairs, greenery, and other facilities. The library is also planning to upgrade the zone by incorporating 62 (element) of tradition and modernity to meet the needs of young students.

Wang Zhongzheng believes that the popularity of the “relaxing and inspiration” area demonstrates a positive and simple way for young people to cope with stress, which is worthy of 63 (recognize) and encouragement. He also recommends that such an area 64 (establish) in more schools and workplaces to satisfy the people who seek a peaceful and 65 (inspire) environment.

第四部分 写作(共两节,满分40分)

第一节(满分15分)

假定你是李华,某国际学校环保社团负责人。本周六社团将组织学生去一家废水处理厂参观。请你用英文写则通知,内容包括:

1. 活动时间和内容;
2. 活动意义;
3. 表达期待。

参考词汇:废水处理厂 wastewater treatment plant

注意:1. 写作词数应为80左右;

2. 请按如下格式在答题卡的相应位置作答。

Notice

School Environmental Club

第二节(满分25分)

阅读下面材料,根据其内容和所给段落开头语续写两段,使之构成一篇完整的短文。

Many years ago, I lived in a densely populated old community in Northern California. There was a little girl named Grace that made me have a deeper understanding of the power of dreams.

I used to watch her from my kitchen window, who seemed so small as she muscled her way through the crowd of boys on the playground. The school was across the street from our home and I would often watch the kids as they played during break. A sea of children, and yet to me, she stood out from them all.

I remember the first day I saw her playing basketball. I watched in wonder as she ran circles around the other kids. She managed to shoot jump shots just over their heads and into the net. The boys always tried to stop her but no one could.

I began to notice her at other times, basketball in hand, playing alone. She would practice dribbling and shooting over and over again, sometimes until dark. One day I asked her why she practiced so much. She looked directly into my eyes and said without a moment of hesitation "I want to go to college. The only way I can go is to get a scholarship. I like basketball. I decided that if I were good enough, I would get a scholarship. I am going to play college basketball. I want to be the best. My Daddy told me if the dream is big enough, the facts don't count." Then she smiled and ran towards the court to restart the routine I had seen over and over again.

Well, she was determined. I watched her through those junior high years and into high school. Every week, she led her team to victory.

注意:来源:高三标答公众号

1. 续写词数应为150个左右;
2. 请按如下格式在答题卡的相应位置作答。

One day in her senior year, I saw her sitting in the grass, head buried in her arms.

She lifted her head from her hands and told me that her father said those coaches were wrong.

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